

IRRIGATION CATALOGUE



LEADING IRRIGATION BRANDS

rovatti pompe

SPERONI®
WATER PUMPS

 **STAIRS**


NASEC
> we move it faster >

PASCALI



TORRENTI 

CASCADE
PUMPS

VETPLAST

Orbit®

 **Rain-Jet**

AGRINET IRRIGATION CONTENT

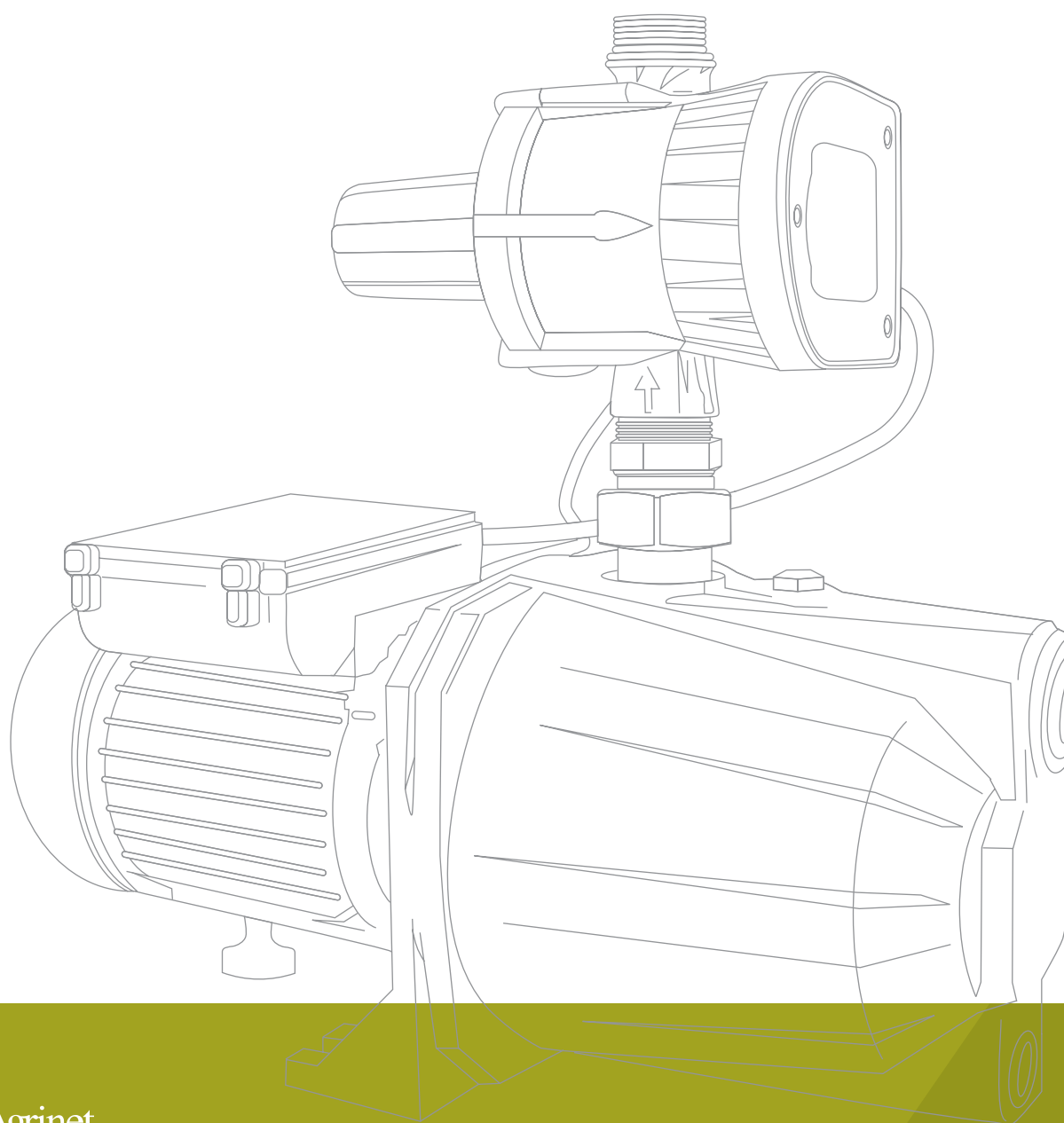
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For any questions regarding irrigation products, please contact the Agrinet Irrigation Department / Service Centre at Samrand: (012) 657 2222 | Bellville: (021) 959 5424.

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01

IRRIGATION
PUMPS & MOTORS

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VOLUMETRIC PUMPS

309KPM50 • 309KPM80



APPLICATION

Volumetric water pumps are able to offer high pressures in relation to comparatively low powers and which have particularly steady operating curves. They are qualified in domestic fittings, to increase the system pressure in aqueducts and for automatic water distribution by small autoclave tanks or by hydrosphere units. For the correct functioning of the pump, use clean water, or non-aggressive liquids only, without sand or other solid impurities.



OPERATING CONDITIONS

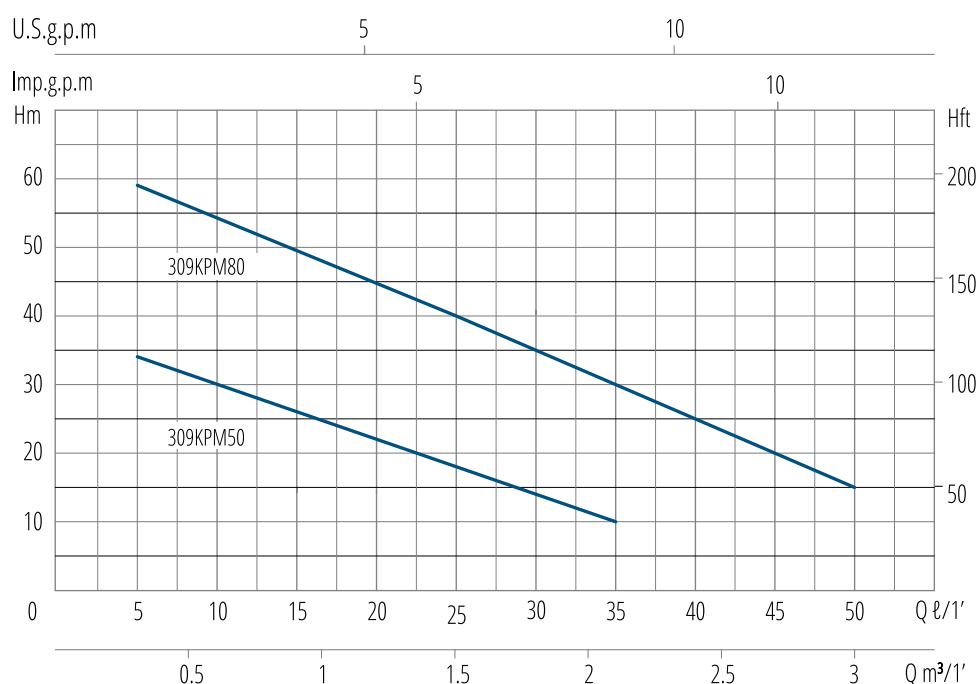
- Liquid temperature up to 60°C
- Ambient temperature up to 40°C
- Total suction lift up to 7 m
- Continuous duty

MOTOR

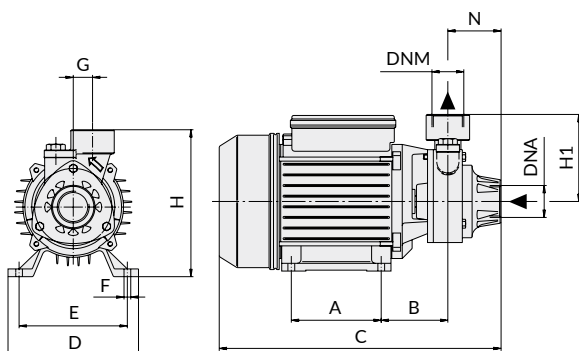
- 2-Pole induction motor
(n = 2850 min-1)
- Insulation Class F
- Protection IP44

MATERIALS

- Pump body - Cast Iron
- Motor support - Cast Iron
- Impeller - Brass
- Shaft with rotor - Stainless Steel AISI 304
- Mechanical seal - Ceramic/Graphite/NBR



TYPE	NOMINAL POWER		INPUT POWER	AMPERE	Q = CAPACITY									
Single-phase	P2		P1	Single-phase	m ³ /h	0,3	0,6	0,9	1,2	1,5	1,8	2,1	2,4	3
	HP	kW	kW		ℓ/1'	5	10	15	20	25	30	35	40	50
230V-50Hz				1 x 230V	Total head in meters w.c.									
309KPM50	0,5	0,37	0,55	2,9	H (m)	34	30	25	22	17	13	10		
309KPM80	0,8	0,6	0,9	4		59	55	50	45	40	35	30	25	15



TYPE	DIMENSIONS mm												WEIGHT
	A	B	C	D	E	F	G	H	H1	N	DNA	DNM	
Single-phase													kg
309KPM50	80	65	255	120	100	7	20	144	81	50	1"	1"	6,5
309KPM80	90	70	295	135	112	7	20	161	90	55	1"	1"	9,2

SELF PRIMING JET PUMPS

309CAM40 • 309CAM60 • 309CAM66

APPLICATION

Self priming jet water pumps with a very high hydraulic performance and a considerable pressure capacity. Able to pump up to 8 m depth and work perfectly even in soda-water. Suitable for water lifting and distribution in domestic fittings by small and medium size tanks.



OPERATING CONDITIONS

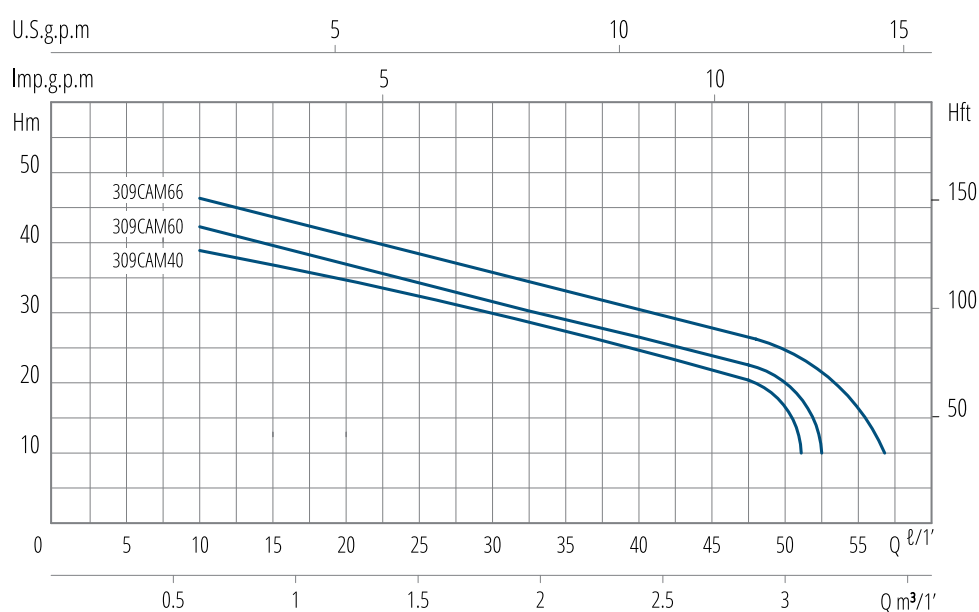
- Liquid temperature up to 35°C
- Ambient temperature up to 40°C
- Total suction lift up to 8 m
- Continuous duty

MOTOR

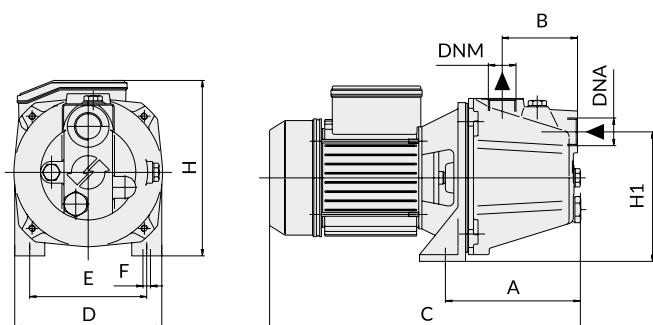
- 2-Pole induction motor
(n = 2850 min⁻¹)
- Insulation Class F
- Protection IP44

MATERIALS

- Pump body - Cast Iron
- Motor support - Cast Iron
- Impeller - Brass
- Shaft with rotor - Stainless Steel AISI 304
- Mechanical seal - Ceramic/Graphite/NBR



TYPE	NOMINAL POWER		INPUT POWER	AMPERE	Q = CAPACITY									
Single-phase	P2		P1	Single-phase	m ³ /h	0,6	0,9	1,2	1,5	1,8	2,1	2,4	2,7	3
	HP	kW	kW		ℓ/1'	10	15	20	25	30	35	40	45	50
230V-50Hz				1 x 230V	Total head in meters w.c.									
309CAM40	0,8	0,6	0,8	3,8	H (m)	38	36	34	32	29	27	25	22	19
309CAM60	0,8	0,6	0,8	3,8		42	38	36	33	30	27	26	23	20
309CAM66	1	0,7	1	4,9		46	43	41	37	35	33	31	29	25



TYPE	DIMENSIONS mm										WEIGHT
Single-phase	A	B	C	D	E	F	H	H1	DNA	DNM	kg
309CAM40	150	77	328	162	126	9	193	123	1"	1"	9
309CAM60	162	90	352	176	140	9	210	150	1"	1"	10,5
309CAM66	162	90	373	176	140	9	210	150	1"	1"	12,5

SELF PRIMING JET INOX PUMPS

309CAM80 • 309CAM88



APPLICATION

Self priming jet water pumps with a very high hydraulic performance and a considerable pressure capacity. Able to pump up to 8 m depth and work perfectly even in soda-water. Suitable for drinkable water, water lifting and distribution in domestic fittings by small and medium sized tanks.



OPERATING CONDITIONS

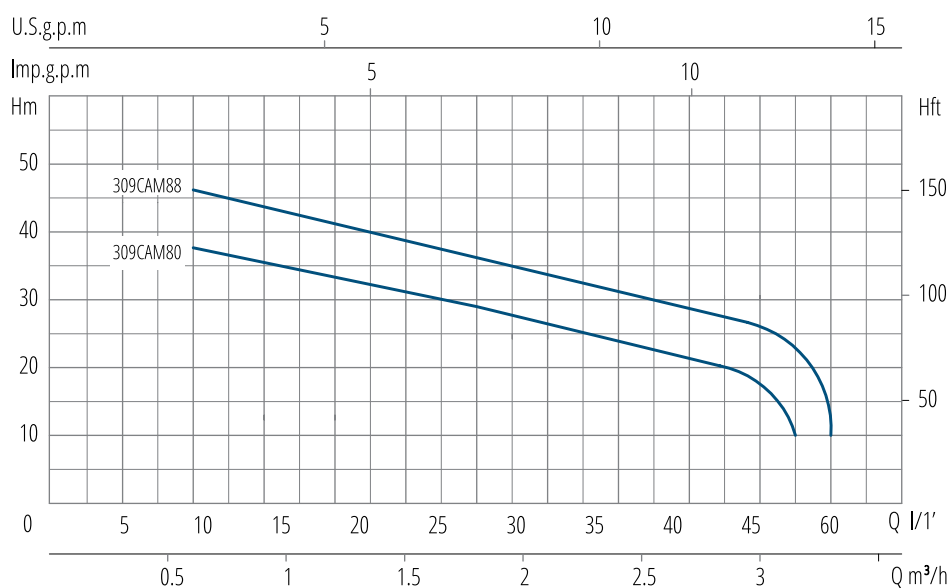
- Liquid temperature up to 35°C
- Ambient temperature up to 40°C
- Total suction lift up to 8 m
- Continuous duty

MOTOR

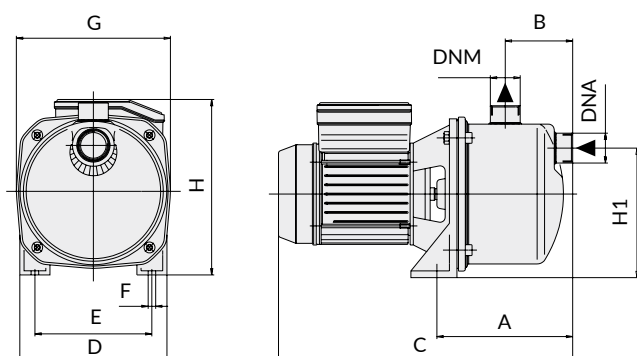
- 2-Pole induction motor
(n = 2850 min-1)
- Insulation Class F
- Protection IP44

MATERIALS

- Pump body - Stainless Steel AISI 304
- Motor support - Aluminium
- Impeller - (309CAM80) Noryl
- Impeller - (309CAM88) S/Steel AISI 304
- Diffuser - Noryl
- Pump flange - Stainless Steel AISI 304
- Shaft with rotor - Stainless Steel AISI 304
- Mechanical seal - Ceramic/Graphite/NBR



TYPE	NOMINAL POWER		INPUT POWER	AMPERE	Q = CAPACITY									
Single-phase	P2		P1	Single-phase	m³/h	0,6	0,9	1,2	1,5	1,8	2,1	2,4	2,7	3
	HP	KW	KW		lt/1'	10	15	20	25	30	35	40	45	50
230V-50Hz				1 x 230V	Total head in meters w.c.									
309CAM80	0,8	0,6	0,8	3,8	H(m)	38	36	34	32	29	27	24	22	19
309CAM88	1	0,75	1,1	5		46	43	40	38	35	32	30	29	26



TYPE	DIMENSIONS (mm)														WEIGHT
Single-phase	A	B	C	D	E	F	G	H	H1	DNA	DNM	L	W	H	kg
309CAM80	163	72	320	162	126	9	166	180	123	1"	1"	200	360	180	7
309CAM88	163	81	370	176	140	9	184	200	149	1"	1"	230	420	190	11

SELF PRIMING JET INOX PUMPS

309CAM198



APPLICATION

Self priming jet water pumps with a very high hydraulic performance and a considerable pressure capacity. Able to pump up to 8 m depth and work perfectly even in soda-water. Suitable for drinkable water, water lifting and distribution in domestic fittings by small and medium sized tanks.



OPERATING CONDITIONS

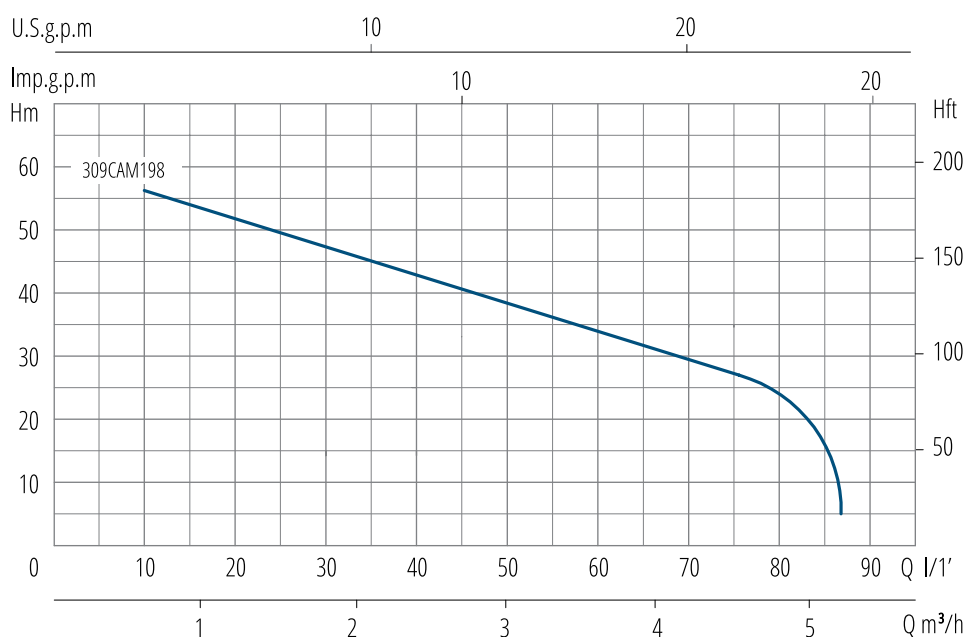
- Liquid temperature up to 35°C
- Ambient temperature up to 40°C
- Total suction lift up to 8 m
- Continuous duty

MOTOR

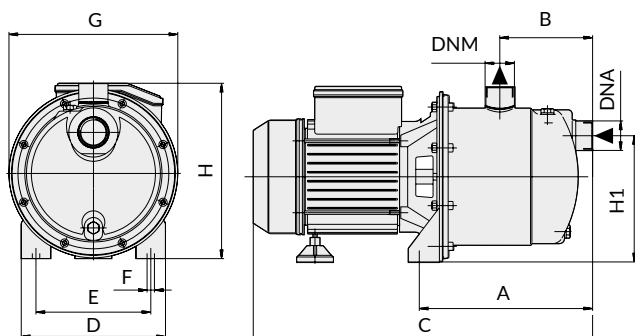
- 2-Pole induction motor
(n = 2850 min-1)
- Insulation Class F
- Protection IP44

MATERIALS

- Pump body - Stainless Steel AISI 304
- Motor support - Aluminium
- Impeller - Stainless Steel AISI 304
- Diffuser - Noryl
- Pump flange - Stainless Steel AISI 304
- Shaft with rotor - Stainless Steel AISI 304
- Mechanical seal - Ceramic/Graphite/NBR



TYPE	NOMINAL POWER		INPUT POWER	AMPERE	Q = CAPACITY										
	HP	KW			Total head in meters w.c.										
Single-phase	230V-50Hz		P1	Single-phase	m³/h	0,6	0,9	1,2	1,5	1,8	2,4	3	3,6	4,2	4,8
			KW		lt/1'	10	15	20	25	30	40	50	60	70	80
309CAM198	1,6	1,1	1,6	7,5	H(m)	56	53	50	48	46	42	36	34	30	25



TYPE	DIMENSIONS (mm)														WEIGHT
Single-phase	A	B	C	D	E	F	G	H	H1	DNA	DNM	L	W	H	kg
309CAM198	210	113	432	176	140	9	206	230	154	1"4	1"	495	235	280	15,5

SELF PRIMING JET PUMPS

3309CAM100EP • 309CAM100HL • 309CAM130 • 309CAM152



APPLICATION

Self priming jet water pumps with a very high hydraulic performance and a considerable pressure capacity. Able to pump up to 8 m depth and work perfectly even in soda-water. Suitable for water lifting and distribution in domestic fittings by small and medium sized tanks.



OPERATING CONDITIONS

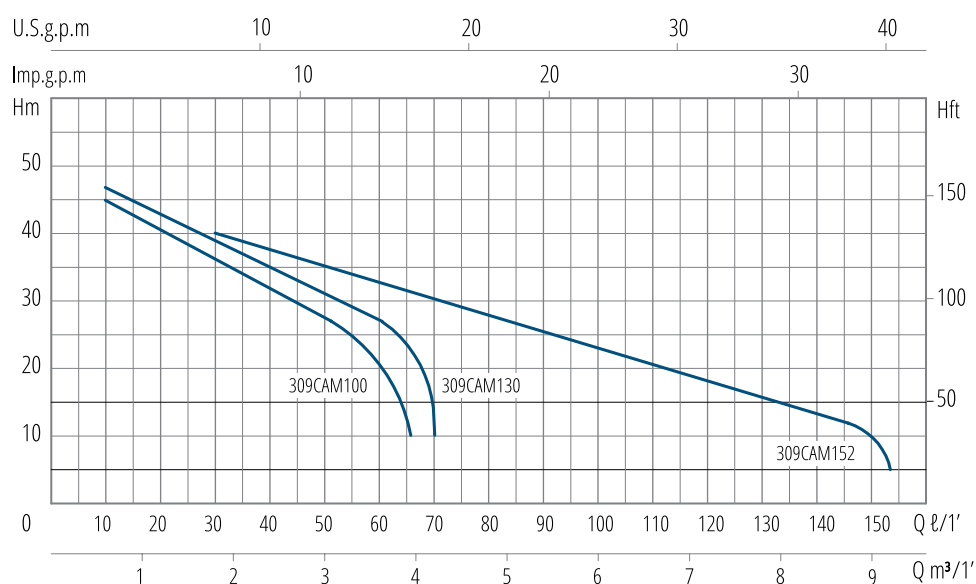
- Liquid temperature up to 35°C
- Ambient temperature up to 40°C
- Total suction lift up to 8 m
- Continuous duty

MOTOR

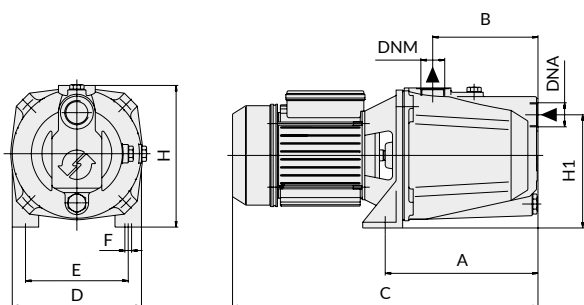
- 2-Pole induction motor (n = 2850 min-1)
- Insulation Class F
- Protection IP44

MATERIALS

- Pump body - Cast Iron
- Motor support - Cast Iron
- Impeller - Brass
- Shaft with rotor - Stainless Steel AISI 304
- Mechanical seal - Ceramic/Graphite/NBR



TYPE	NOMINAL POWER		INPUT POWER	AMPERE	Q = CAPACITY												
Single-phase	P2		P1	Single-phase	m ³ /h	0,6	0,9	1,2	1,5	1,8	2,1	2,4	2,7	3	3,6		
	HP	kW	kW		ℓ/1'	10	15	20	25	30	35	40	45	50	60		
230V-50Hz				1 x 230V	Total head in meters w.c.												
309CAM100	1	0,75	1,1	5	H (m)	45	43	40	38	36	33	32	29	27	22		
309CAM130	1,3	1	1,3	5,8		47	44	43	40	39	36	35	32	30	25		
Single-phase	P2		P1	Single-phase	m ³ /h	0,6	1,2	1,8	2,7	3,6	4,8	5,4	6	7,2	9		
	HP	kW	kW		ℓ/1'	10	20	30	45	60	80	90	100	120	150		
230V-50Hz				1 x 230V	Total head in meters w.c.												
309CAM152	1,5	1,1	1,5	7	H(m)	45	42	40	35	33	28	25	22	16	10		



TYPE	DIMENSIONS mm										WEIGHT
Single-phase	A	B	C	D	E	F	H	H1	DNA	DNM	kg
309CAM100	211	145	421	176	140	9	194	156	1"	1"	15
309CAM130	211	145	421	176	140	9	194	156	1"	1"	15,5
309CAM152	282	171	570	236	198	12	274	198	1 1/4"	1"	38

SINGLE IMPELLER CENTRIFUGAL PUMPS

309CM22 • 309CM27 • 309CM32
309C22 • 309C27 • 309C32



APPLICATION

Single impeller centrifugal pumps suitable to cover any small, medium or large capacity request; for domestic, agricultural and industrial purposes, with automatic water distribution through small and medium sized tanks.

For sprinkler and flood irrigation systems in gardening and agriculture, to increase in derivation system pressure in aqueducts.



OPERATING CONDITIONS

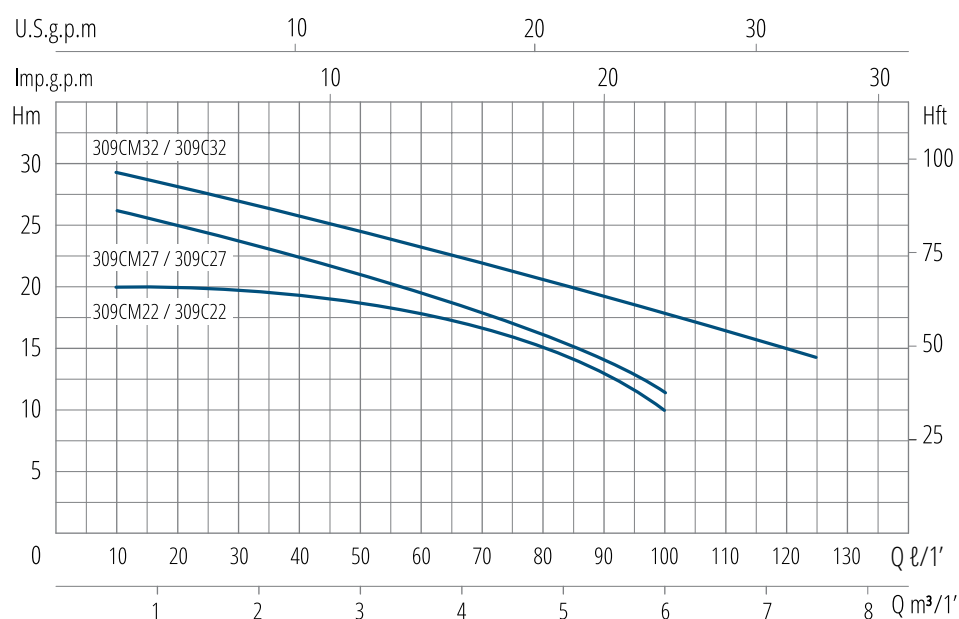
- Liquid temperature up to 60°C
- Ambient temperature up to 40°C
- Total suction lift up to 7 m
- Continuous duty

MOTOR

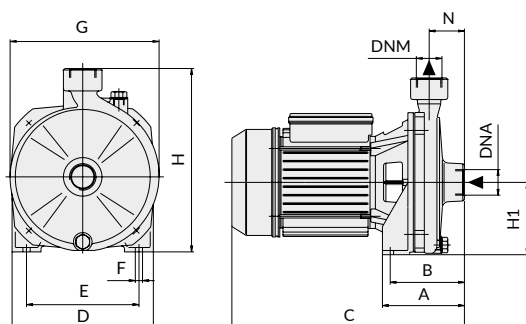
- 2-Pole induction motor (n = 2850 min-1)
- Insulation Class F
- Protection IP44

MATERIALS

- Pump body - Cast Iron
- Motor support - Cast Iron
- Impeller - Noryl
- Impeller (32) - Stainless Steel AISI 304
- Shaft with rotor - Stainless Steel AISI 304
- Mechanical seal - Ceramic/Graphite/NBR



TYPE		NOMINAL POWER		INPUT POWER	AMPERE		Q = CAPACITY							
Single-phase	Three-phase	P2		P1	Single-phase	Three-phase	m³/h	0,6	1,2	2,7	3,6	5,4	6	7,5
		HP	kW	kW			ℓ/1'	10	20	45	60	90	100	125
230V-50Hz	230/400V-50Hz				1 x 230V	3 x 400V	Total head in meters w.c.							
309CM22	309C22	0,5	0,37	0,65	2,8	1,2	H (m)	20	18	17	16	12	10	
309CM27	309C27	0,75	0,55	0,9	4	1,7		27	25	20	18	14	12,5	
309CM32	309C32	1	0,75	1,2	5,5	2,3		29	28	26	23	20	18	14



TYPE		DIMENSIONS mm												WEIGHT
Single-phase	Three-phase	A	B	C	D	E	F	G	H	H1	N	DNA	DNM	kg
309CM22	309C22	100	90	260	162	126	9	164	205	83	47	1"	1"	8
309CM27	309C27	108	98	300	176	140	9	186	229	94	50	1"	1"	9,2
309CM32	309C32	108	98	300	176	140	9	186	229	94	50	1"	1"	11,8

SINGLE IMPELLER CENTRIFUGAL PUMPS



309CM35 • 309CM45 • 309CM53 • 309CM54
309C35 • 309C45 • 309C53 • 309C54 • 309C55

APPLICATION

Single impeller centrifugal pumps suitable to cover any small, medium or large capacity request. For domestic, agricultural and industrial purposes, with automatic water distribution through small and medium sized tanks. For sprinkler and flood irrigation systems in gardening and agriculture, to increase in derivation system pressure in aqueducts.



OPERATING CONDITIONS

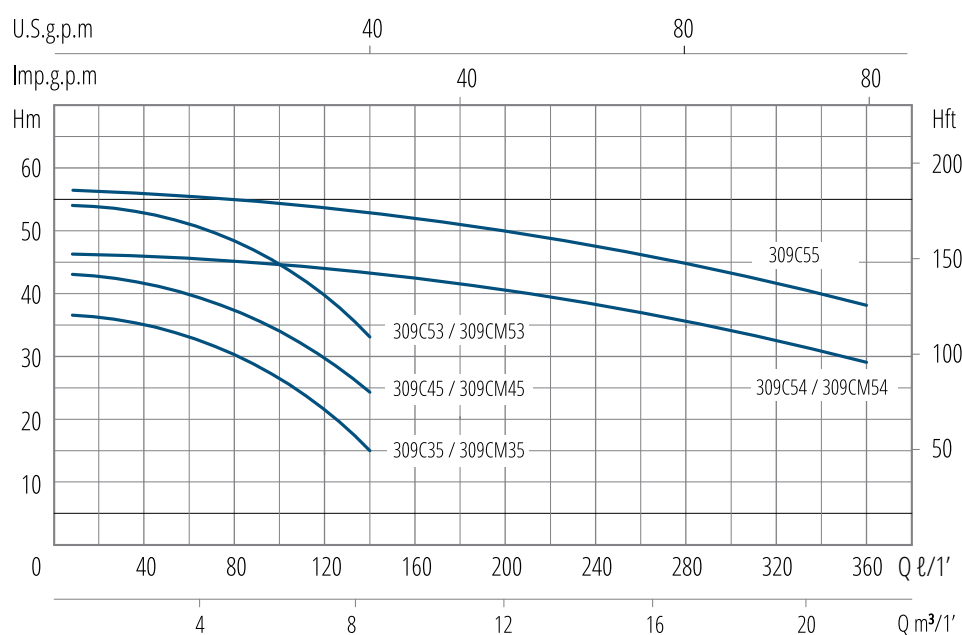
- Liquid temperature up to 90°C
- Ambient temperature up to 40°C
- Total suction lift up to 7 m
- Continuous duty

MOTOR

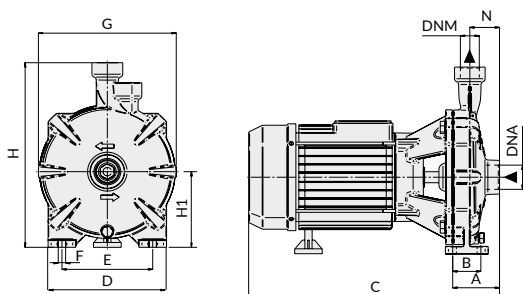
- 2-Pole induction motor
(n = 2850 min-1)
- Insulation Class F
- Protection IP44

MATERIALS

- Pump body - Cast Iron
- Motor support - Cast Iron
- Impeller - Brass
- Shaft with rotor - Stainless Steel AISI 304
- Mechanical seal - Ceramic/Graphite/NBR



TYPE		NOMINAL POWER		INPUT POWER	AMPERE		Q = CAPACITY												
Single-phase	Three-phase	P2		P1	Single-phase	Three-phase	m ³ /h	0,6	1,2	3,6	5,4	6	7,5	9	12	18	21		
		HP	KW	KW			1 x 230V	3 x 400V	ℓ/1'	10	20	60	90	100	125	150	200	300	350
230V-50Hz	230/400V-50Hz	Total head in meters w.c.																	
309CM35	309C35	1,5	1,1	1,85	8,3	4	H (m)	36	35,5	33,5	28	26	19						
309CM45	309C45	2	1,5	2,4	10,7	5		43	42	40,5	36,5	34	28						
309CM53	309C53	3	2,2	3,3	15	5,5		54	53	51	47	45	38	29					
309CM54	309C54	4	3	4,5	20	7,3		46,5	46	45,3	44,7	44,5	44	43,5	42	35			
	309C55	5,5	4	5,7	28	9,3		56	55,5	54,5	54	53,5	53	52	50	44	39		



TYPE		DIMENSIONS mm													WEIGHT	
Single-phase	Three-phase	A	B	C	D	E	F	G	H	H1	N	DNA	DNM		kg	
309CM35	309C35	76,5	45	355	220	147,5	12	224	305	125	48,5	1"4	1"		23	
309CM45	309C45	76,5	45	410	220	147,5	12	224	305	125	48,5	1"4	1"		24	
309CM53	309C53	76,5	45	410	220	147,5	12	224	305	125	48,5	1"4	1"		27	
309CM54	309C54	88,5	60	485	245	190	14	256	323	132	58,5	2"	1"4		40	
	309C55	88,5	60	475	245	190	14	256	323	132	58,5	2"	1"4		42	

CENTRIFUGAL IRRIGATION PUMPS

309CBM150



APPLICATION

Centrifugal single impeller low head water pumps for flow irrigation systems with high flow rates. Suitable to pump clean water or non-aggressive liquids charged with small solid impurities. To be used in flow irrigation systems in gardening and agriculture and in industrial fittings.



OPERATING CONDITIONS

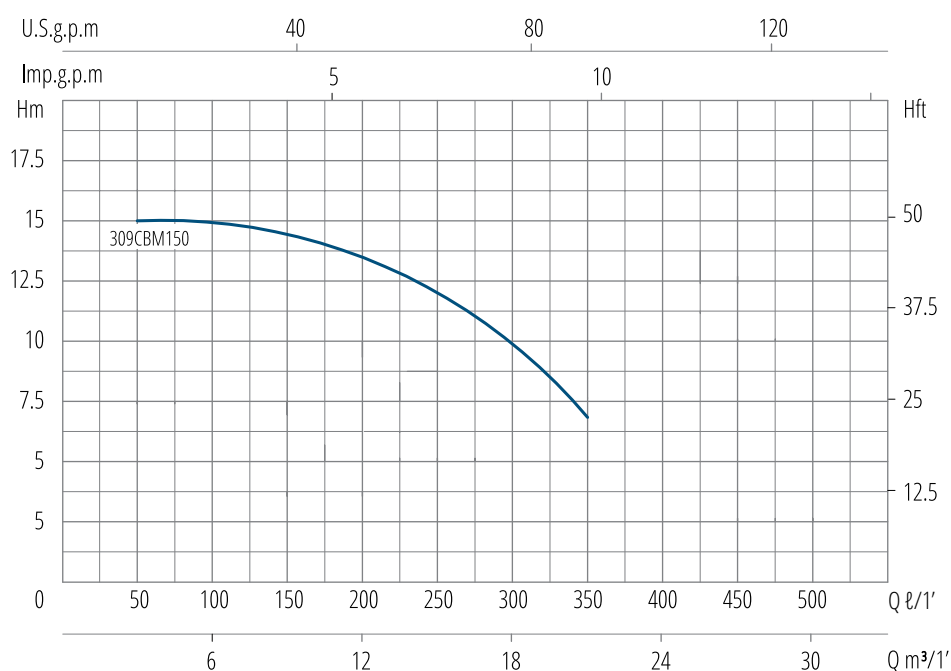
- Liquid temperature up to 90°C
- Ambient temperature up to 40°C
- Total suction lift up to 7 m
- Continuous duty

MOTOR

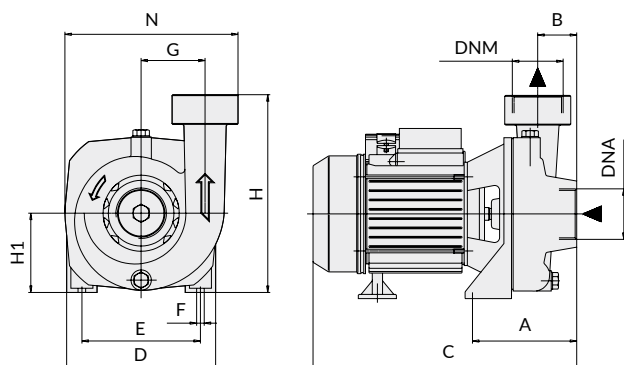
- 2-Pole induction motor
(n = 2850 min-1)
- Insulation Class F
- Protection IP44

MATERIALS

- Pump body - Cast Iron
- Motor support - Cast Iron
- Impeller - Cast Iron
- Shaft with rotor - Stainless Steel AISI 304
- Mechanical seal - Ceramic/Graphite/NBR



TYPE	NOMINAL POWER		INPUT POWER	AMPERE	Q = CAPACITY										
Single-phase	P2		P1	Single-phase	m ³ /h	3	6	9	12	15	18	21	24	27	30
	HP	kW	kW		ℓ/1'	50	100	150	200	250	300	350	400	450	500
230V-50Hz	HP	kW	kW	1 x 230V	Total head in meters w.c.										
309CBM150				1,5	1,1	1,8	7,9	H(m)	15	14,8	14,3	13,8	13	9	6



TYPE	DIMENSIONS mm												WEIGHT
Single-phase	A	B	C	D	E	F	G	H	H1	N	DNA	DNM	kg
309CBM150	125	45	310	176	140	9	80	240	94	205	2"	2"	17

TWIN IMPELLER CENTRIFUGAL PUMPS

3092CM25-160C • 3092C25-160C



APPLICATION

Twin impeller centrifugal water pumps to lift clean water and non-aggressive liquids. The main features are the two opposite impellers which allow higher lifts than in the single-impeller model. They are qualified for civil and industrial fittings, for water distribution by tank pressure groups and for irrigation in gardening and agriculture.



OPERATING CONDITIONS

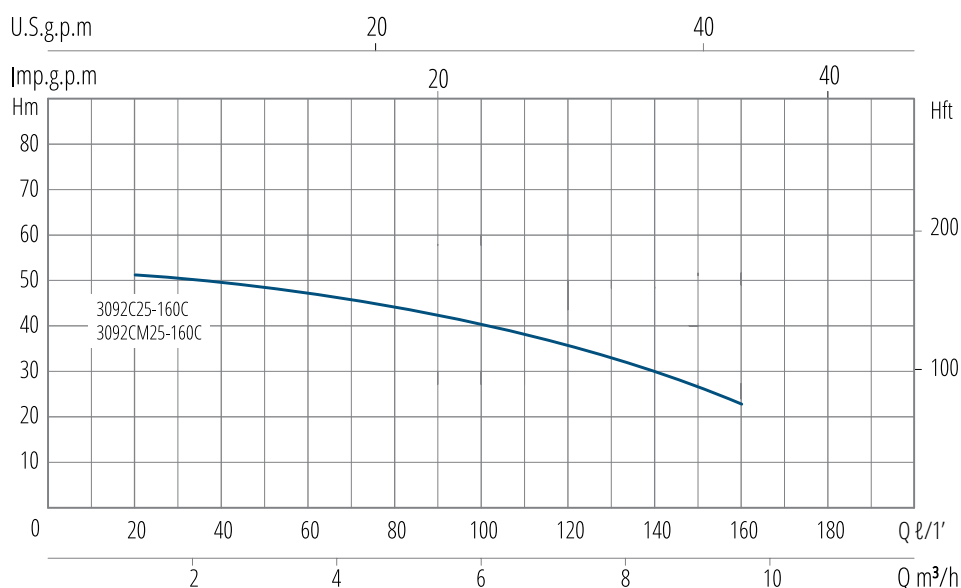
- Liquid temperature up to 90°C
- Ambient temperature up to 40°C
- Total suction lift up to 7 m
- Continuous duty

MOTOR

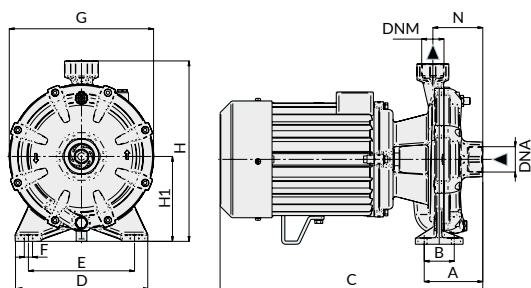
- 2-Pole induction motor
(n = 2850 min-1)
- Insulation Class F
- Protection IP55

MATERIALS

- Pump body - Cast Iron
- Motor support - Cast Iron
- Impellers - Brass
- Shaft with rotor - Stainless Steel AISI 304
- Mechanical seal - Ceramic/Graphite/NBR



TYPE		NOMINAL POWER		INPUT POWER	AMPERE		Q = CAPACITY										
Single-phase	Three-phase	P2		P1	Single-phase	Three-phase	m ³ /h	1,2	2,4	3,6	4,8	6	7,2	8,4	9,6	10,8	12
		HP	kW	kW			ℓ/1'	20	40	60	80	100	120	140	160	180	200
230V-50Hz	230/400V-50Hz				1 x 230V	3 x 400V	Total head in meters w.c.										
3092CM25-160C	3092C25-160C	1,5	1,1	2,2	10	4,3	H(m)	51	49	47	44	40	35	27	23		



TYPE		DIMENSIONS mm												WEIGHT	
Single-phase	Three-phase	A	B	C	D	E	F	G	H	H1	N	DNA	DNM	kg	
3092CM25-160C	3092C25-160C	95	50	400	208	168	10	222	265	120	85	1"4	1"	24	

TWIN IMPELLER CENTRIFUGAL PUMPS

3092C32-190B • 3092C32-190A



APPLICATION

Twin impeller centrifugal water pumps to lift clean water and non-aggressive liquids. The main features are the two opposite impellers which allow higher lifts than in the single-impeller model. They are qualified for civil and industrial fittings, for water distribution by tank pressure groups and for irrigation in gardening and agriculture.



OPERATING CONDITIONS

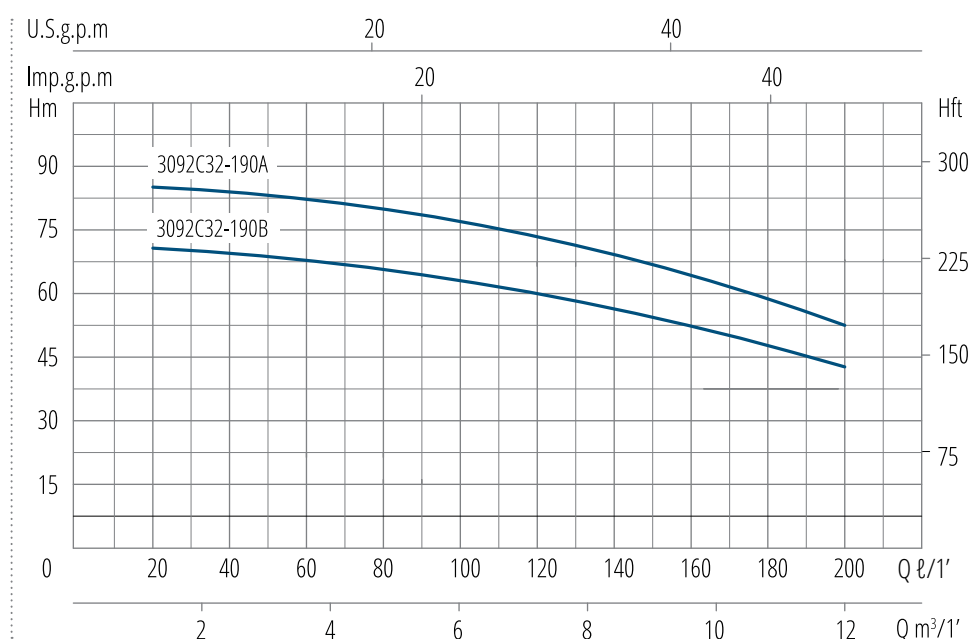
- Liquid temperature up to 90°C
- Ambient temperature up to 40°C
- Total suction lift up to 7 m
- Continuous duty

MOTOR

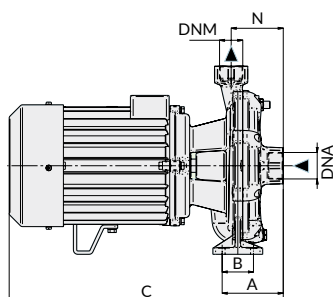
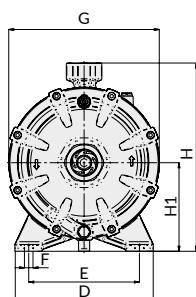
- 2-Pole induction motor
(n = 2850 min-1)
- Insulation Class F
- Protection IP55

MATERIALS

- Pump body - Cast Iron
- Motor support - Cast Iron
- Impellers - Brass
- Shaft with rotor - Stainless Steel AISI 304
- Mechanical seal - Ceramic/Graphite/NBR



TYPE	NOMINAL POWER		INPUT POWER	AMPERE	Q = CAPACITY											
Three-phase	P2		P1	Three-phase	m ³ /h	1,2	2,4	3,6	4,8	6	7,2	8,4	9,6	10,8	12	
	HP	kW	kW		ℓ/1'	20	40	60	80	100	120	140	160	180	200	
230/400V-50Hz	4	3	4,5	3 x 400V	Total head in meters w.c.											
3092C32-190B				H	74	72	69,5	65	63	60	56	54	49	43		
3092C32-190A				(m)	88	86	84	80	77	74	68	64	60	56		



TYPE	DIMENSIONS mm												WEIGHT kg
	A	B	C	D	E	F	G	H	H1	N	DNA	DNM	
Three-phase													
3092C32-190B	120	60	485	250	200	15	272	340	160	94	1"2	1"4	46
3092C32-190A	120	60	495	250	200	15	272	340	160	94	1"2	1"4	53

MONOBLOCK CENTRIFUGAL PUMPS



309CS32-16A • 309CS32-16B • 309CS32-16C
309CS32-20A • 309CS32-20B • 309CS32-20C

APPLICATION

Centrifugal, monoblock and single-impeller electrical pumps with pump body, with connection to the motor by means of a support unit. With flanged inlet and delivery openings (PN 10) and threaded counter-flanges. These machines are ideal for pumping clean water and other chemically and mechanically non-aggressive liquids. They are adapted for civil, agricultural, industrial or general plant uses. Water supply, spray or flowing irrigation, autoclave feed, high pressure system, heating, conditioning and any other general service requiring transfer of clean liquids.



OPERATING CONDITIONS

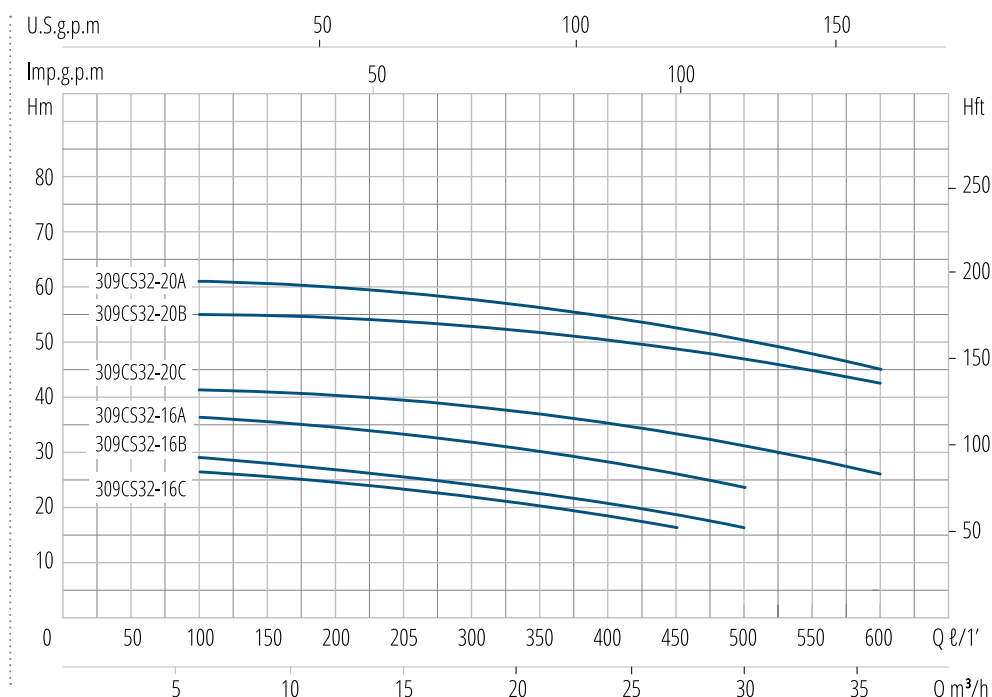
- Liquid temperature up to 90°C
- Ambient temperature up to 40°C
- Total suction lift up to 7 m
- Continuous duty

MOTOR

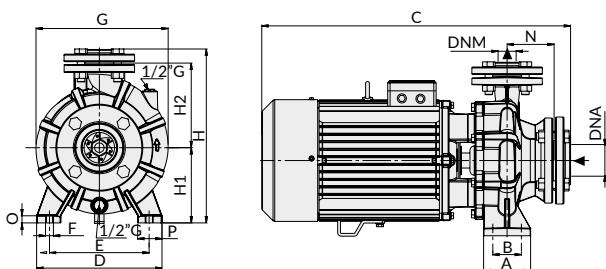
- 2-Pole induction motor
(n = 2850 min⁻¹)
- Insulation Class F
- Protection IP55

MATERIALS

- Pump body - Cast Iron
- Motor support - Cast Iron
- Impellers - Cast Iron
- Shaft with rotor - Stainless Steel AISI 304
- Mechanical seal - Ceramic/Graphite/NBR



TYPE	NOMINAL POWER		INPUT POWER	Q = CAPACITY													
	P2		P1	m ³ /h	6	7,5	9	12	15	18	21	24	27	30	33	36	
Three-phase	HP	kW	kW	ℓ/1'	100	125	150	200	250	300	350	400	450	500	550	600	
				Total head in meters w.c.													
230/400V-50Hz				H (m)	25,5	25,3	25	24	23	21,5	20	18	15,5				
309CS32-16C	2	1,5	2,7		28,8	28,5	28	27	26	24,5	23	21,5	18,5	15,5			
309CS32-16B	3	2,2	3,3		36,5	36	35,5	34,5	33	31,5	30	28,5	26	23,5			
309CS32-16A	4	3	4,3		40,7	40,5	40	39,5	39	38	36,5	35	33	31,5	29	26	
309CS32-20C	5,5	4	5,7		55,7	55,5	55	54,5	54	53	51,5	50	48	46,5	44,5	42,5	
309CS32-20B	7,5	5,5	8,6		60,7	60,5	60	59,5	58,5	57	55,5	54	52	49,5	47,5	45	
309CS32-20A	10	7,5	9,5														



TYPE	DIMENSIONS mm																WEIGHT
Three-phase	A	B	C	D	E	F	G	H	H1	H2	N	O	P	DNA	DNM	kg	
309CS32-16C	100	70	480	240	190	15	240	322	132	160	80	13,5	50	50	32	36	
309CS32-16B	100	70	480	240	190	15	240	322	132	160	80	13,5	50	50	32	39	
309CS32-16A	100	70	510	240	190	15	240	322	132	160	80	13,5	50	50	32	42	
309CS32-20C	100	70	530	240	190	15	273	370	160	180	80	15	50	50	32	52	
309CS32-20B	100	70	630	240	190	15	273	370	160	180	80	15	50	50	32	63	
309CS32-20A	100	70	630	240	190	15	273	370	160	180	80	15	50	50	32	69	

MONOBLOCK CENTRIFUGAL PUMPS

309CS40-16A • 309CS40-20A • 309CS40-20B • 309CS40-25B



APPLICATION

Centrifugal, monoblock and single-impeller electrical pumps with pump body, with connection to the motor by means of a support unit. With flanged inlet and delivery openings (PN 10) and threaded counter-flanges. These machines are ideal for pumping clean water and other chemically and mechanically non-aggressive liquids. They are adapted for civil, agricultural, industrial or general plant uses. Water supply, spray or flowing irrigation, autoclave feed, high pressure system, heating, conditioning and any other general service requiring transfer of clean liquids.



OPERATING CONDITIONS

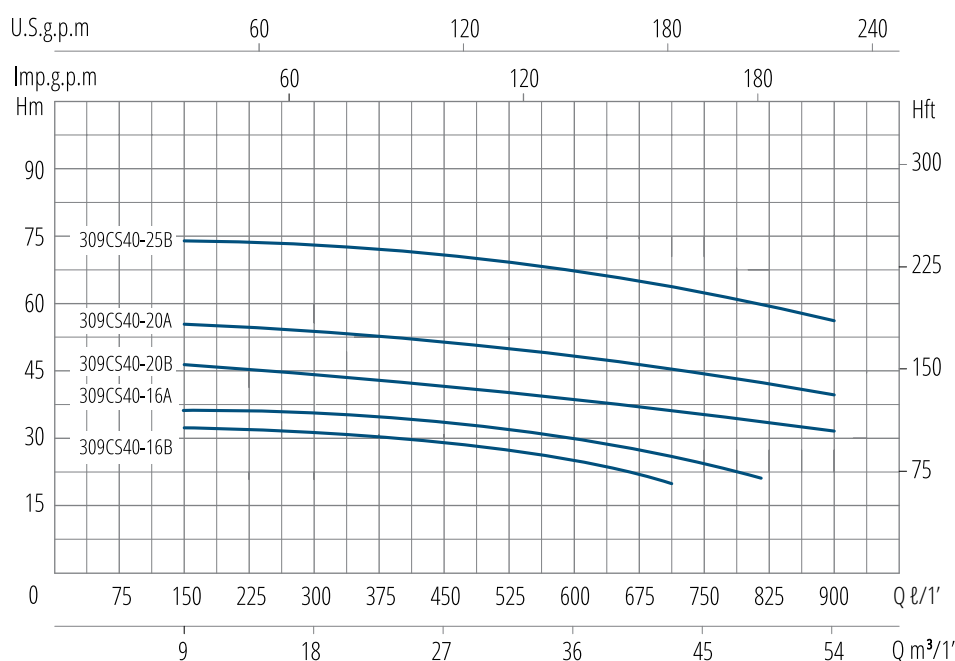
- Liquid temperature up to 90°C
- Ambient temperature up to 40°C
- Total suction lift up to 7 m
- Continuous duty

MOTOR

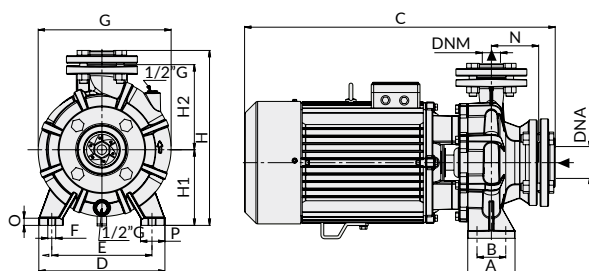
- 2-Pole induction motor
(n = 2850 min-1)
- Insulation Class F
- Protection IP55

MATERIALS

- Pump body - Cast Iron
- Motor support - Cast Iron
- Impellers - Cast Iron
- Shaft with rotor - Stainless Steel AISI 304
- Mechanical seal - Ceramic/Graphite/NBR



TYPE	NOMINAL POWER		INPUT POWER	Q = CAPACITY														
	P2		P1	m ³ /h	9	12	15	18	21	24	27	30	33	36	39	42	48	54
Three-phase	HP	kW	kW		150	200	250	300	350	400	450	500	550	600	650	700	800	900
230/400V-50Hz				Total head in meters w.c.														
309CS40-16A	5,5	4	5,7	H (m)	36,2	36	35,8	35,5	35	34	33	32	31	29,5	28	26	22	
309CS40-20B	7,5	5,5	8,6		46,5	46	45,5	45	44,5	43,5	42,5	41,5	40,5	39,5	38,5	37	34,5	31,5
309CS40-20A	10	7,5	11,3		56	55,5	55	54,5	54	53	52	51	50	49	48	46,5	44	40,5
309CS40-25B	15	11	15,5		74	73,9	73,8	73,7	73,5	73	72	71	70	68,5	67	65,5	61,5	54



TYPE	DIMENSIONS mm																WEIGHT
	A	B	C	D	E	F	G	H	H1	H2	N	O	P	DNA	DNM	kg	
309CS40-16A	100	70	550	240	190	15	240	322	132	160	80	15	50	65	40	50	
309CS40-20B	100	70	640	265	212	15	281	370	160	180	100	15	50	65	40	65	
309CS40-20A	100	70	640	265	212	15	281	370	160	180	100	15	50	65	40	71	
309CS40-25B	125	95	745	320	250	15	335	435	180	225	100	18	65	65	40	91	

MONOBLOCK CENTRIFUGAL PUMPS

309CS50-20A • 309CS50-20B • 309CS50-25C



APPLICATION

Centrifugal, monoblock and single-impeller electrical pumps with pump body, with connection to the motor by means of a support unit. With flanged inlet and delivery openings (PN 10) and threaded counter-flanges. These machines are ideal for pumping clean water and other chemically and mechanically non-aggressive liquids. They are adapted for civil, agricultural, industrial or general plant uses. Water supply, spray or flowing irrigation, autoclave feed, high pressure system, heating, conditioning and any other general service requiring transfer of clean liquids.



OPERATING CONDITIONS

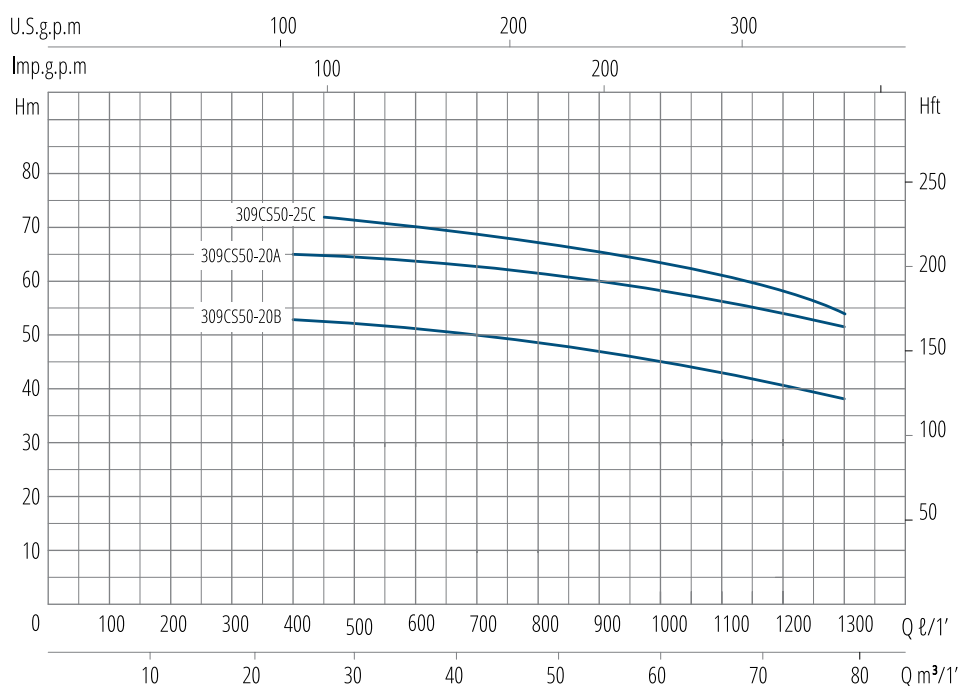
- Liquid temperature up to 90°C
- Ambient temperature up to 40°C
- Total suction lift up to 7 m
- Continuous duty

MOTOR

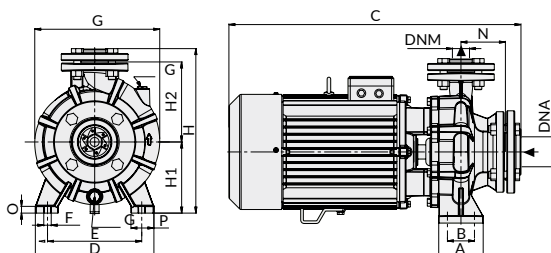
- 2-Pole induction motor
(n = 2850 min-1)
- Insulation Class F
- Protection IP55

MATERIALS

- Pump body - Cast Iron
- Motor support - Cast Iron
- Impellers - Cast Iron
- Shaft with rotor - Stainless Steel AISI 304
- Mechanical seal - Ceramic/Graphite/NBR



TYPE	NOMINAL POWER		INPUT POWER	Q = CAPACITY														
	HP	kW		m³/h	21	24	27	30	33	36	39	42	48	54	60	66	72	78
Three-phase	230/400V-50Hz		P1	l/1'	350	400	450	500	550	600	650	700	800	900	1000	1100	1200	1300
309CS50-20B				Total head in meters w.c.														
309CS50-20A	15	11	13,5	H (m)		52,7	52,5	52,2	51,7	51,2	50,7	50,2	49,2	48	46	43,5	41	38
309CS50-20A	20	15	18			64,5	64	63,5	63	62,5	62	61,5	60,5	59,5	58	56,5	54,5	51,5
309CS50-25C	20	15	20				71,3	71	70,5	70	69,5	68,5	67	65	63	61	58	54



TYPE	DIMENSIONS mm															WEIGHT	
Three-phase	A	B	C	D	E	F	G	H	H1	H2	N	O	P	DNA	DNM	kg	
309CS50-20B	100	70	745	265	212	15	335	425	160	200	100	18	50	65	50	89	
309CS50-20A	100	70	745	265	212	15	335	425	160	200	100	18	50	65	50	122	
309CS50-25C	125	95	750	320	250	15	340	435	180	225	100	18	65	65	50	125	

MONOBLOCK CENTRIFUGAL PUMPS

309CS65-16E • 309CS65-200A • 309CS65-200B
 309CS65-200C • 309CS65-250B

APPLICATION

Centrifugal, monoblock and single-impeller electrical pumps with pump body, with connection to the motor by means of a support unit. With flanged inlet and delivery openings (PN 10) and threaded counter-flanges. These machines are ideal for pumping clean water and other chemically and mechanically non-aggressive liquids. They are adapted for civil, agricultural, industrial or general plant uses. Water supply, spray or flowing irrigation, autoclave feed, high pressure system, heating, conditioning and any other general service requiring transfer of clean liquids.



OPERATING CONDITIONS

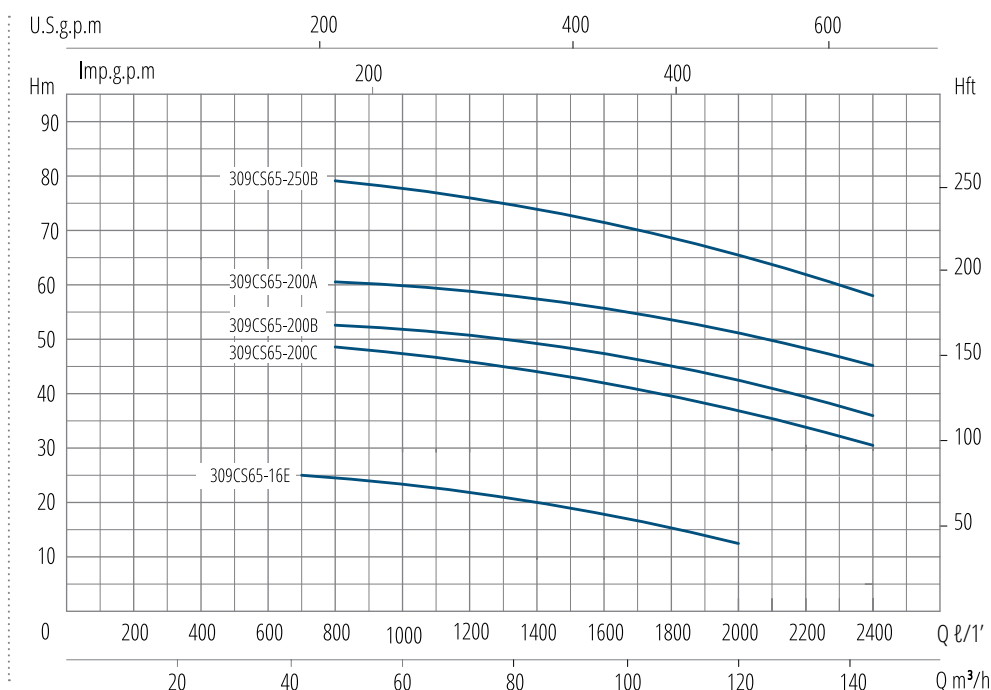
- Liquid temperature up to 90°C
- Ambient temperature up to 40°C
- Total suction lift up to 7 m
- Continuous duty

MOTOR

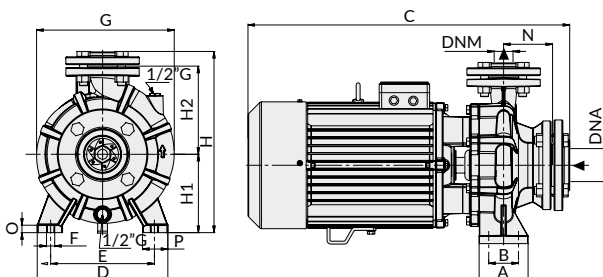
- 2-Pole induction motor
(n = 2850 min-1)
- Insulation Class F
- Protection IP55

MATERIALS

- Pump body - Cast Iron
- Motor support - Cast Iron
- Impellers - Cast Iron
- Shaft with rotor - Stainless Steel AISI 304
- Mechanical seal - Ceramic/Graphite/NBR



TYPE	NOMINAL POWER		INPUT POWER	Q = CAPACITY														
	P2		P1	m ³ /h	42	48	54	60	66	72	78	84	96	108	120	132	144	156
Three-phase	HP	kW	kW	ℓ/1'	700	800	900	1000	1100	1200	1300	1400	1600	1800	2000	2200	2400	2600
230/400V-50Hz				Total head in meters w.c.														
309CS65-16E	7,5	5,5	8	H (m)	24,5	24,2	24	23,5	23	22,5	21,5	20,5	18,5	16	12,5			
309CS65-200C	20	15	20			48,5	48	47,5	47	46,2	45,5	44,5	42,5	40,5	38	34,5	31	
309CS65-200B	25	18,5	23			52,5	52	51,5	51	50,5	50	49	47	45	43	40	36	
309CS65-200A	30	22,5	27			60,5	60	59,5	59	58,5	58	57,5	56	54,5	52,5	49,5	45,5	
309CS65-250B	40	30	37			79	78,5	78	77	76	75	74	72	69	66	63	58	



TYPE	DIMENSIONS mm															WEIGHT kg
	A	B	C	D	E	F	G	H	H1	H2	N	O	P	DNA	DNM	
Three-phase																
309CS65-16E	125	95	610	280	212	15	295	395	160	200	100	18	65	80	65	70
309CS65-200C	125	95	745	320	250	15	335	445	180	225	100	18	65	80	65	122
309CS65-200B	125	95	790	320	250	15	335	445	180	225	100	18	65	80	65	138
309CS65-200A	125	95	825	320	250	15	360	455	180	225	100	18	65	80	65	148
309CS65-250B	160	120	825	360	280	18	370	485	200	250	100	18	85	80	65	235

PRESSURE SYSTEMS CAM60/25

309CAM60/25



APPLICATION

Automatic high pressure groups coupled with self priming jet pumps. They are very silent and reliable and particularly suitable to increase pressure from a water system, to supply water from wells and in domestic high pressure groups.



OPERATING CONDITIONS

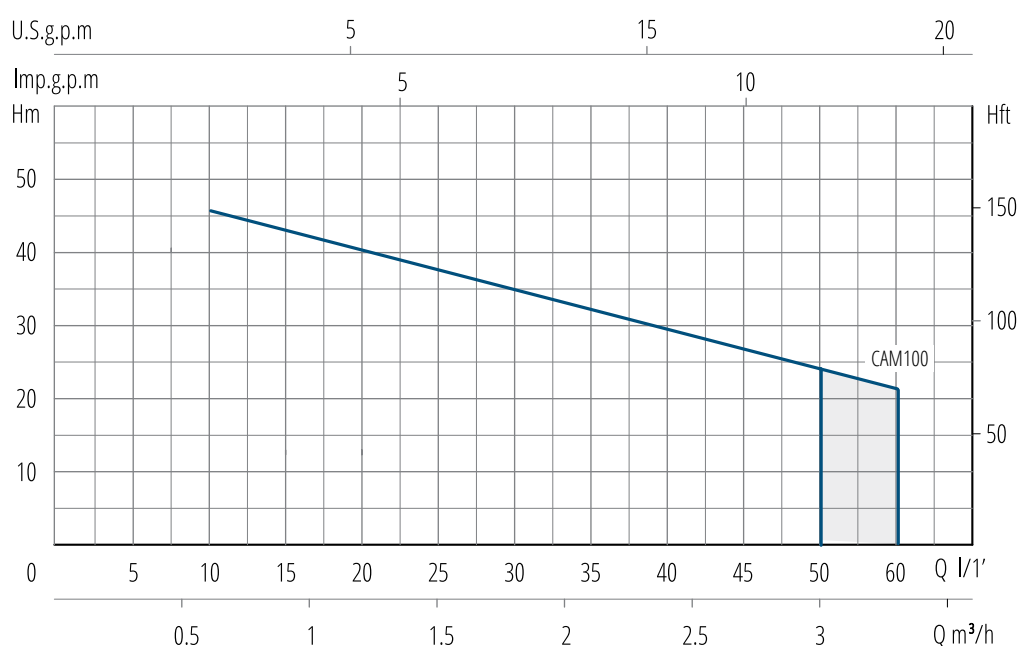
- Liquid temperature up to 35°C
- Ambient temperature up to 40°C
- Total suction lift up to 8 m
- Continuous duty

MOTOR

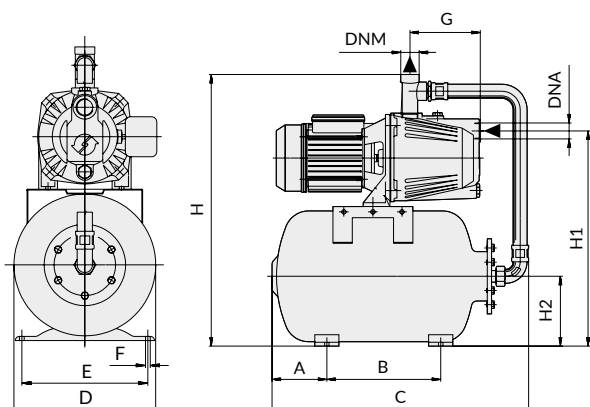
- 2-Pole induction motor
(n = 2850 min-1)
- Insulation Class F
- Protection IP44

MATERIALS

- Butyl membrane tank
- Flexible hose with connection
- Adjusted switch on/off pressure
1.6 - 3.2 bar with cable
- Pressure gauge
- Brass connection



TYPE	NOMINAL POWER		INPUT POWER	AMPERE	Adjusted switch on/off pressure	Q = CAPACITY											
Single-phase	P2		P1	Single-phase		m ³ /h	0,6	0,9	1,2	1,5	1,8	2,1	2,4	2,7	3	3,6	
	HP	kW	kW			lt/1'	10	15	20	25	30	35	40	45	50	60	
230V-50Hz				1 x 230V		Bar	Total head in meters w.c.										
CAM100/25	1	0,75	1,1	5	1,6 - 3,2	H(m)	45	43	40	38	35	33	30	29	26	22	



TYPE	DIMENSIONS mm												WEIGHT
Single-phase	A	B	C	D	E	F	G	H	H1	H2	DNA	DNM	kg
CAM100/25	113	235	530	270	240	9	145	560	444	144	1"	1"	22

APPLICATION

Automatic high pressure groups coupled with self priming jet pumps. They are very silent and reliable and particularly suitable to increase pressure from a water system, to supply water from wells and in domestic high pressure groups.



OPERATING CONDITIONS

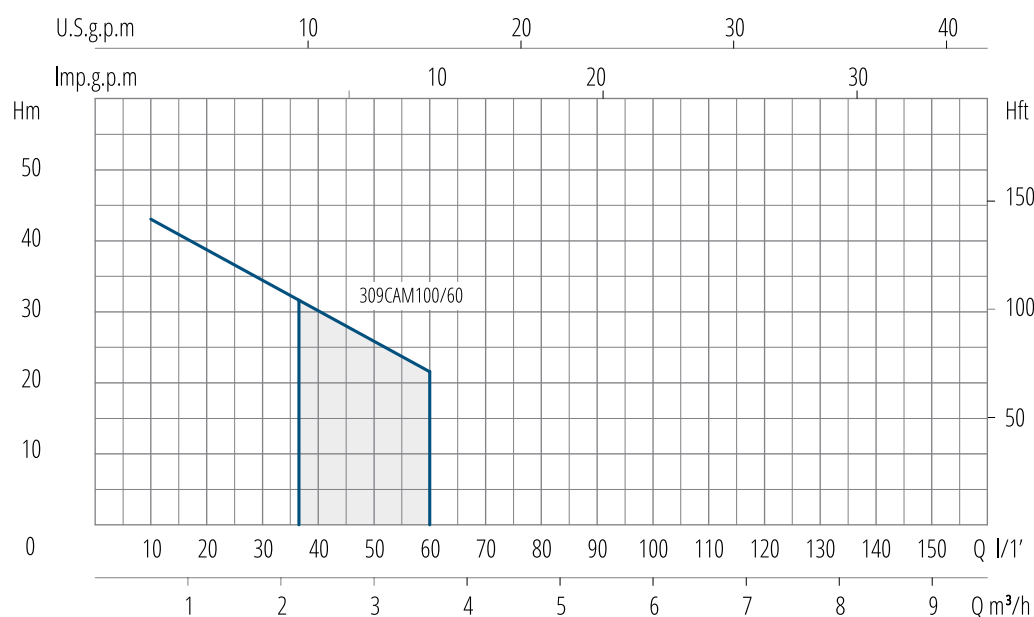
- Liquid temperature up to 35°C
- Ambient temperature up to 40°C
- Total suction lift up to 8 m
- Continuous duty

MOTOR

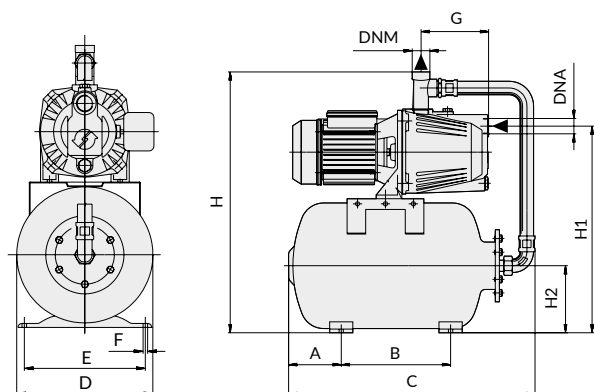
- 2-Pole induction motor (n = 2850 min-1)
- Insulation Class F
- Protection IP44

MATERIALS

- Butyl membrane tank
- Flexible hose with connection
- Adjusted switch on/off pressure 1.6 - 3.2 bar with cable
- Pressure gauge
- Brass connection



TYPE	NOMINAL POWER		INPUT POWER	AMPERE	Adjusted switch on/off pressure	Q = CAPACITY											
Single-phase	P2		P1	Single-phase		m ³ /h	0,6	0,9	1,2	1,5	1,8	2,1	2,4	2,7	3	3,6	
	HP	KW	KW			lt/1'	10	15	20	25	30	35	40	45	50	60	
230V-50Hz				1 x 230V	Bar	Total head in meters w.c.											
309CAM100/60	1	0,75	1,1	5	1,6 – 3,2	H (m)	45	43	40	38	35	33	30	29	26	22	



TYPE	DIMENSIONS mm												WEIGHT
	A	B	C	D	E	F	G	H	H1	H2	DNA	DNM	
309CAM100/60	173	295	748	380	305	11	145	670	551	215	1"	1"	33

TWIN IMPELLER CENTRIFUGAL PUMPS

309NBM150 • 309NBM150B • 309NBM200 • 309NBM300
309NB200 • 309NB300



APPLICATION

Twin impeller centrifugal water pumps for suction up to 7 m. Suitable for civil and industrial purposes and to drain clean and non-aggressive liquid. Particularly suitable for high pressure systems.



OPERATING CONDITIONS

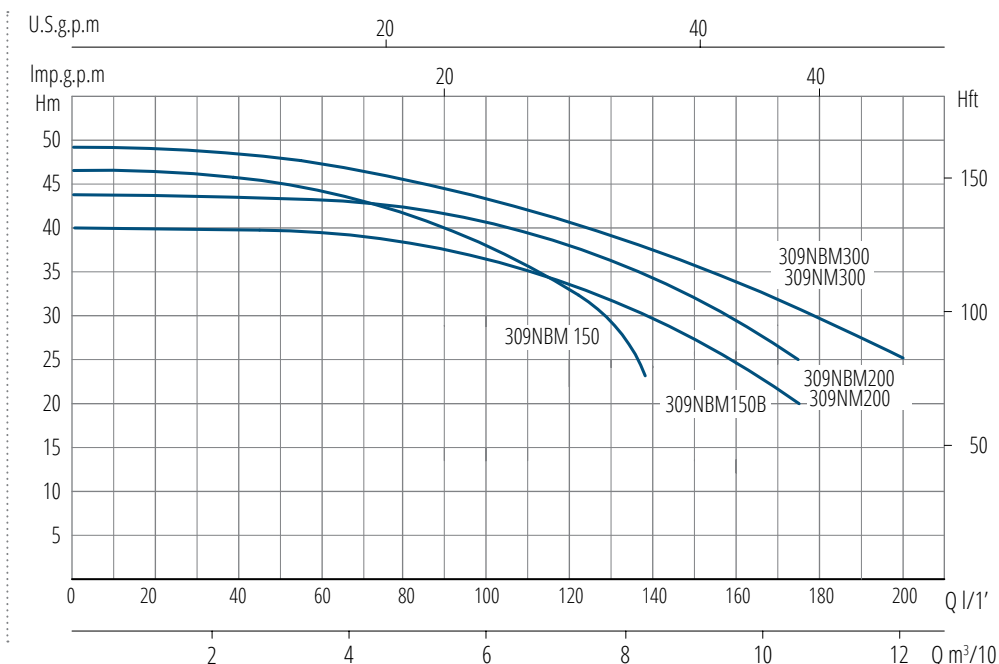
- Liquid temperature up to 35°C
- Ambient temperature up to 40°C
- Total suction lift up to 8 m
- Continuous duty

MOTOR

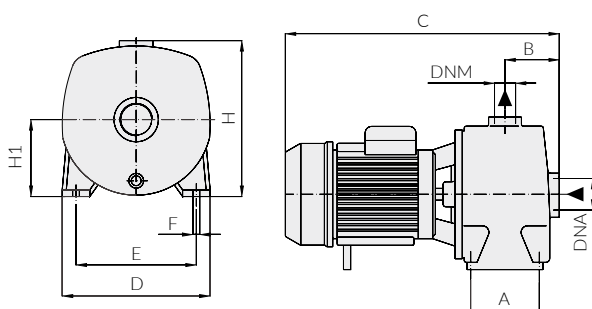
- 2-Pole induction motor
(n = 2850 min-1)
- Insulation Class F
- Protection IP44

MATERIALS

- Pump body - Cast Iron
- Motor support - Cast Iron
- Impeller - Noryl
- Impeller - Brass (BR)
- Diffuser - Noryl
- Shaft with rotor - Stainless Steel
- Mechanical seal - Ceramic/Graphite/NBR



TYPE		NOMINAL POWER		INPUT POWER	AMPERE		Q = CAPACITY										
Single-phase	Three-phase	P2		P1	Single-phase	Three-phase	m³/h	0	1,5	3	4,5	5,4	6	7,5	9	10,5	12
		HP	kW				lt/1'	0	25	50	75	90	100	125	150	175	200
230V-50Hz	230/400V-50Hz				1 x 230V	3 x 400V	Total head in meters w.c.										
309NBM150		1,5	1,1	2	8,8		H (m)	46	45	44	42	40	38	31			
309NBM150B		1,5	1,1	2	8,8			40	39,5	39	38	37	36	32	27	20	
309NBM200	309NB200	2	1,5	2,3	10,5	4,7		44	43,8	43,5	42,5	41,5	40,5	37	32	25	
309NBM300	309NB300	3	2,2	3	13,5	5,2		49	48	47	46,5	46,3	46	43	38,5	32	25



TYPE		DIMENSIONS mm										WEIGHT
Single-phase	Three-phase	A	B	C	D	E	F	H	H1	DNA	DNM	kg
309NBM150		108	76,5	390	200	160	10	237	114	1"2	1"4	21
309NBM150B		108	76,5	390	200	160	10	237	114	1"2	1"4	21
309NBM200	309NB200	108	76,5	390	200	160	10	237	114	1"2	1"4	22
309NBM300	309NB300	108	76,5	444	200	160	10	237	114	1"2	1"4	23

VARIABLE-FREQUENCY PRESSURE PUMP STAINLESS STEEL

309VFF4-40 • 309VFF4-60 • 309VFF8-40

APPLICATION

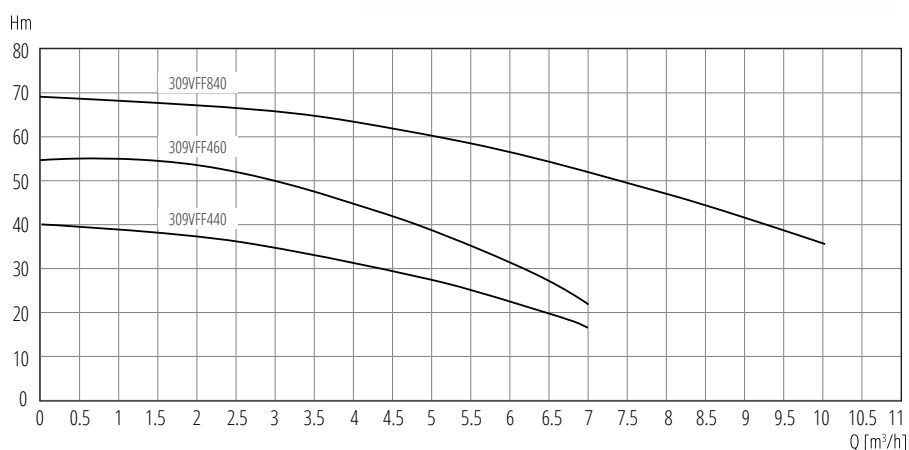
The VFF variable frequency constant pressure water supply system adopts the latest combination of VWF (Variable Voltage and Variable Frequency) AC variable frequency speed control technology and pressure sensing technology. The real-time pressure value and the set pressure value, the speed of the motor can be automatically adjust to keep the outlet pressure unchanged. It is suitable for all kinds of water plants, pressure stations, hotels, residential areas and other high-rise buildings.

OPERATING CONDITIONS

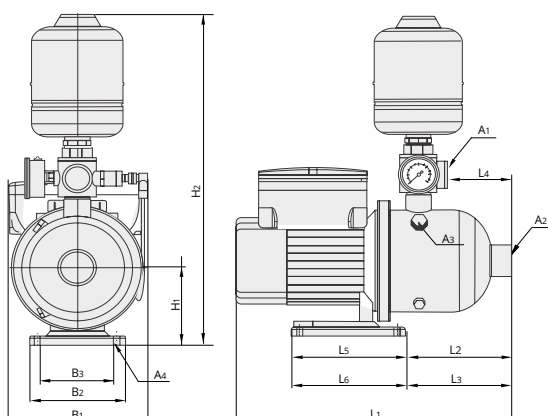
- High efficiency and energy saving, compared with the traditional water supply method, the variable frequency provides constant pressure and water supply which can save up to 30% - 60% electrical usage.
- Compact unit, low investment and high efficiency.
- Reasonable operation, due to the decrease of the average speed and average torque limiting wear on the shaft, which will greatly improve the lifetime of the pump.
- The pump can achieve soft start and soft stop, this can eliminate the water hammer effect. The water hammer effect is usually caused by the starting and stopping of a pump, the kinetic energy of the liquid increases slightly, resulting in an impact on the hydraulic network, often resulting to damage or burst pipes.
- Installation is convenient, replacing a water tower, high water tank and traditional air pressure tank water pump.

MOTOR

- All the overflow parts are stainless steel (304), which ensures the quality of water.
- Built-in Inverter, pressure tank, pressure sensor, pump and motor.
- No maintenance, pressure tank with poly prop lining.
- Protection level: IP65



TYPE	RATED POWER (kW)	RATED FLOW (m³/h)	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10
309VFF4-40	0.75	RATED HEAD (m)	36	33	30	26	20	13	-	-	-
309VFF4-60	1.1		53	50	45	40	33	24	-	-	-
309VFF8-40	2.2		-	-	65	57.5	57	50	48	42	34



TYPE	DIMENSIONS mm															
	A1	A2	A3	A4	B1	B2	B3	H1	H2	L1	L2	L3	L4	L5	L6	
309VFF4-40	G1	G1¼	G¾	9	189	130	108	110	473	400	160	149	84	138	160	
309VFF4-60	G1	G1¼	G¾	9	189	130	108	110	473	400	160	149	84	138	160	
309VFF8-40	G1½	G1½	G¾	9	210	130	108	120	580	459	179	168	89	138	160	

SUBMERSIBLE DRAINAGE PUMPS

309STS300HL • 309STS800HL



APPLICATION

Hand-carry submersible automatic water pumps.
Able to drain infiltrating water, cellars or reservoirs, clean or slightly dirty water and for garden irrigation.

OPERATING CONDITIONS

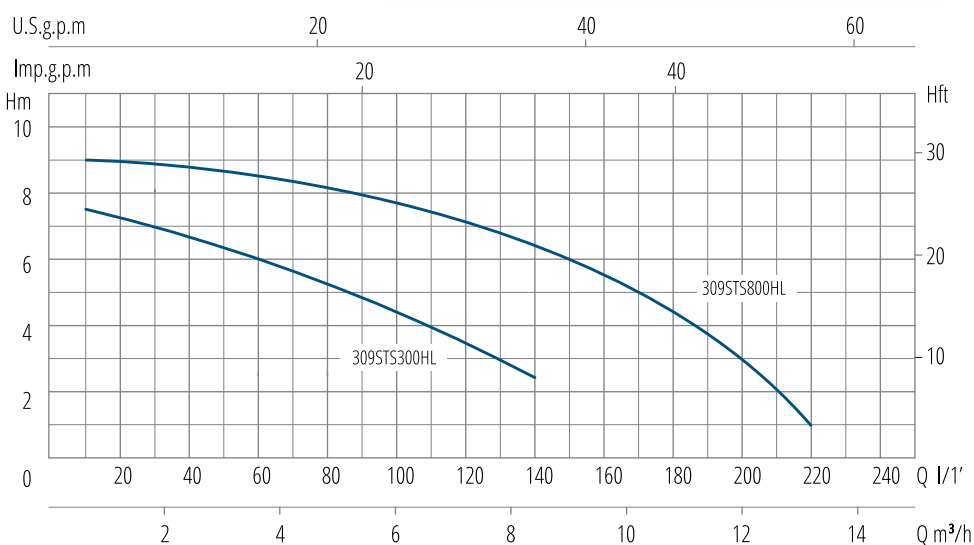
- Liquid temperature up to 35°C
- Maximum immersion depth 5 m
- Grain size inlet STS 300 Ø 8 mm
- Grain size inlet STS 800 Ø 10 mm
- Min. suction level 20 mm
- Non continuous duty

MOTOR

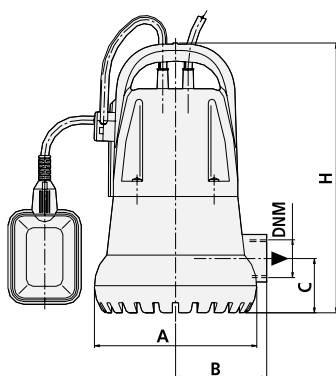
- Built-in overload motor protector with automatic reset
- Permanent split capacitor
- Insulation Class F
- Protection IP68

MATERIALS

- Handle - Moplen
- Pump body - Moplen
- Impeller - Noryl
- Motor casing - Stainless Steel AISI 304
- Shaft with rotor - Stainless Steel AISI 304
- Double oil seal - Brass Connection



TYPE	INPUT POWER	AMPERE	CAPACITOR	Q = CAPACITY									
				m³/h	0,6	1,2	1,8	2,4	3,6	5,4	8,4	10,8	14,4
Single-phase	P1	Single-phase	µf	lt/1'	10	20	30	40	60	90	140	180	240
230V-50Hz	Watt	1 x 230V		Total head in meters w.c.									
309STS300HL	300 W	1,6	5	H (m)	6,9	6,8	6,7	6,5	6	5	1		
309STS800HL	800 W	3,8	20		8,9	8,8	8,7	8,5	8,4	7,9	6,5	4,1	



TYPE	DIMENSIONS mm						WEIGHT
Three-phase	A	B	C	H	DNM	CABLE	kg
309STS300HL	180	113	112	280	1"2	10 mt H07RNF	5
309STS800HL	180	94	60	350	1"2	10 mt H07RNF	6,5

SUBMERSIBLE DRAINAGE PUMPS

309TF800S • 309TF1000S



APPLICATION

Submersible water pumps with back impeller suitable to lift waste liquids even with suspended solids. Able to drain infiltrating water, cesspools or reservoirs, decanting water and clean, dirty or muddy swimming pools.

OPERATING CONDITIONS

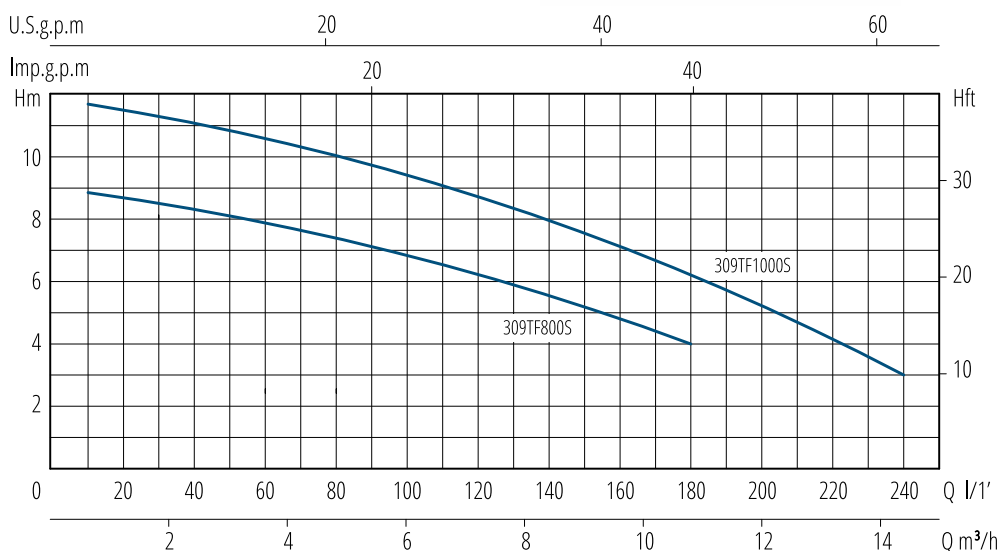
- Liquid temperature up to 35°C
- Maximum immersion depth 5 m
- Grain size inlet Ø 25 mm (TF 400 S)
- Grain size inlet Ø 30 mm
- Min. suction level 40 mm
- Non continuous duty

MOTOR

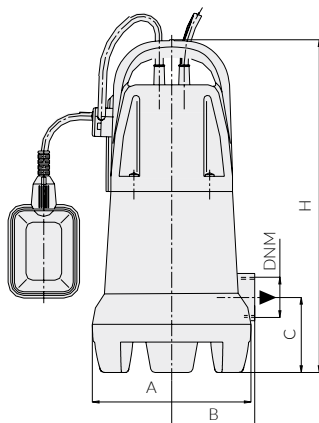
- Built-in overload motor protector with automatic reset
- Permanent split capacitor
- Insulation Class F
- Protection IP68

MATERIALS

- Handle - Moplen
- Pump body - Moplen
- Impeller - Noryl
- Impeller - (TF 1000 S) Brass
- Motor casing - Stainless Steel AISI 304
- Shaft with rotor - Stainless Steel AISI 304
- Triple oil seal



TYPE	INPUT POWER	AMPERE	CAPACITOR	Q = CAPACITY									
				m ³ /h	0,6	1,2	1,8	2,4	3,6	5,4	8,4	10,8	14,4
Single-phase	P1	Single-phase	µf	l/1'	10	20	30	40	60	90	140	180	240
230V-50Hz	Watt	1 x 230V		Total head in meters w.c.									
309TF800/S	800 W	3,8	20	H (m)	8,9	8,5	8,2	8	7,8	7	5,6	4	
309TF1000/S	1000 W	4,8	20		10,8	10,6	10,3	10,2	10	9	7,5	6	3



TYPE	DIMENSIONS mm						WEIGHT
Single-phase	A	B	C	H	DNM	CABLE	kg
309TF800/S	178	94	85	375	1"4	10 mt H07RNF	7,5
309TF1000/S	178	94	85	375	1"4	10 mt H07RNF	8

STAINLESS STEEL SUBMERSIBLE DRAINAGE PUMPS

309SXG1000 • 309SXG1200



APPLICATION

Drainage submersible stainless steel water pumps with stainless steel impeller.

Able to drain decanting cesspools and to pump waste water for domestic and civil purposes. They can also be used for slightly acidic water.

OPERATING CONDITIONS

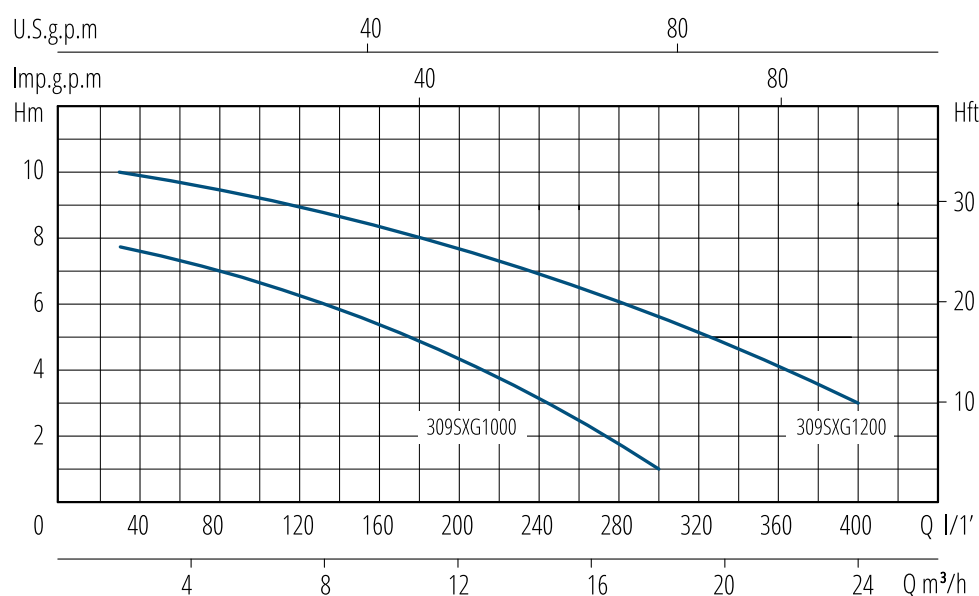
- Liquid temperature up to 35°C
- Maximum immersion depth 5 m
- Grain size inlet Ø 35 mm
- Min. suction level 65 mm
- Continuous duty

MOTOR

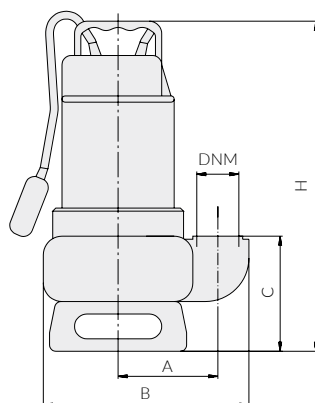
- Dual chamber with oil bath motor for cool-oiling and bearing lubrication
- Mechanical seal in oil bath
- Permanent split capacitor
- Insulation Class F
- Protection IP68

MATERIALS

- Handle - Stainless Steel AISI 304
- Motor casing - Stainless Steel AISI 304
- Pump body - Cast Iron
- Impeller - Stainless Steel AISI 304
- Suction grid - Stainless Steel AISI 304
- Shaft with rotor - Stainless Steel AISI 304
- Mechanical seal - Ceramic/Graphite/NBR



TYPE	INPUT POWER	AMPERE	CAPACITOR	Q = CAPACITY											
				m³/h	1,8	3,6	5,4	7,2	9	12	15	18	21	24	
Single-phase	P1	Single-phase	µf	lt/1'	30	60	90	120	150	200	250	300	350	400	
230V-50Hz	Watt			Total head in meters w.c.											
309SXG1000	1100 W	5	16	H (m)	7,8	7,5	7	6,2	5,8	4,2	3	1			
309SXG1200	1400 W	6,5	20		10	9,5	9,2	8,5	8,2	7,8	6,5	5,8	4,2	3	



TYPE	DIMENSIONS mm						WEIGHT
	A	B	C	H	DNM	CABLE	
Single-phase							kg
309SXG1000	112	232	131	368	1"2	10 mt H07RNF	12
309SXG1200	112	232	131	368	2"	10 mt H07RNF	13,5

SUBMERSIBLE ELECTRIC DRAINAGE PUMPS

309ECM75/DS • 309ECM100/DS



APPLICATION

Submersible drainage pumps with plunged open impeller with grid. Suitable for clean water, even with small suspended solids, for drainage of flowing and collection of rain water.

OPERATING CONDITIONS

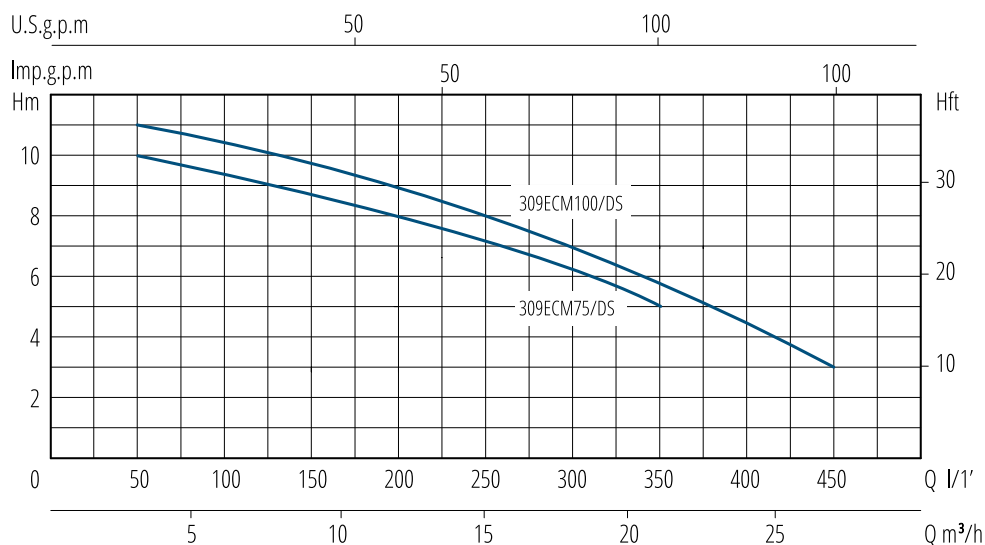
- Liquid temperature up to 35°C
- Maximum immersion depth 20 m (with a cable of the appropriate length)
- Grain size inlet Ø 10 mm
- Min. suction level 100 mm
- Continuous duty

MOTOR

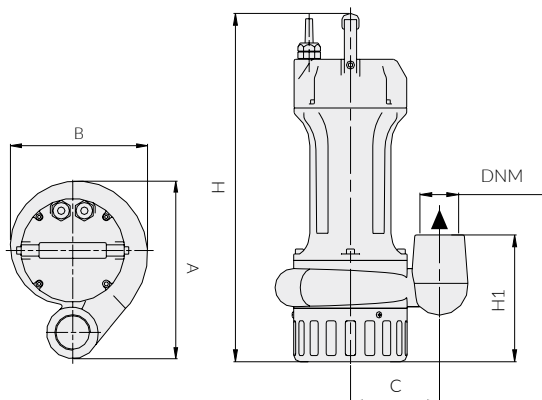
- Insulation Class F
- Protection IP68
- Thermic protection (only single-phase)

MATERIALS

- Motor body - Cast Iron
- Pump body - Cast Iron
- Impeller - Cast Iron
- Shaft with rotor - Stainless Steel AISI 304
- Suction strainer - Stainless Steel AISI 304
- Mechanical seal with oil chamber - Silicon/Silicon/NBR



TYPE	NOMINAL POWER		INPUT POWER	AMPERE	Q = CAPACITY												
Single-phase	P2		P1	Single-phase	m ³ /h	3	6	9	12	15	18	21	24	27			
	HP	kW	kW		l/t/1'	50	100	150	200	250	300	350	400	450			
230V-50Hz				1 x 230V	Total head in meters w.c.												
309ECM75/DS	0,75	0,55	0,9	4	H (m)	10	9,5	9	8	7	6	5					
309ECM100/DS	1	0,75	1,1	4,8		11	10,5	10	9	8	7	6	4,5	3			



TYPE	DIMENSIONS mm							WEIGHT
Single-phase	A	B	C	H	H1	DNM	CABLE	kg
309ECM75/DS	238	184	110	440	157	1"2	10 mt H07RNF	17,5
309ECM100/DS	238	184	110	440	157	1"2	10 mt H07RNF	18

SUBMERSIBLE DRAINAGE PUMPS



309ECM75/VS • 309ECM100/VS

APPLICATION

Submersible drainage pumps with plunged back impeller Vortex type. Suitable in civil and industrial water systems, for cesspool drainage with slightly dirty or foamy liquids, for oily water cleaned by grid.

OPERATING CONDITIONS

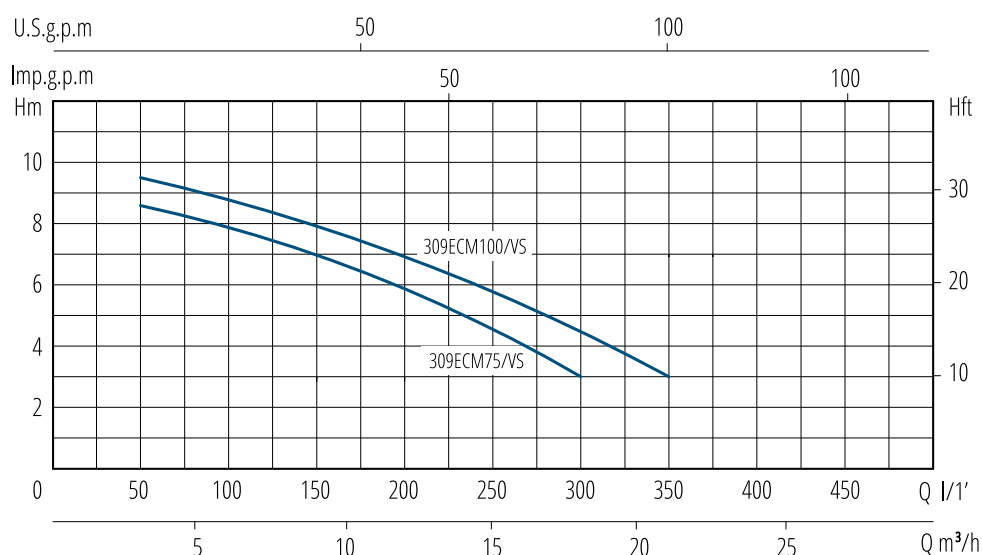
- Liquid temperature up to 35°C
- Maximum immersion depth 20 m (with a cable of the appropriate length)
- Grain size inlet Ø 30 mm
- Min. suction level 100 mm
- Continuous duty

MOTOR

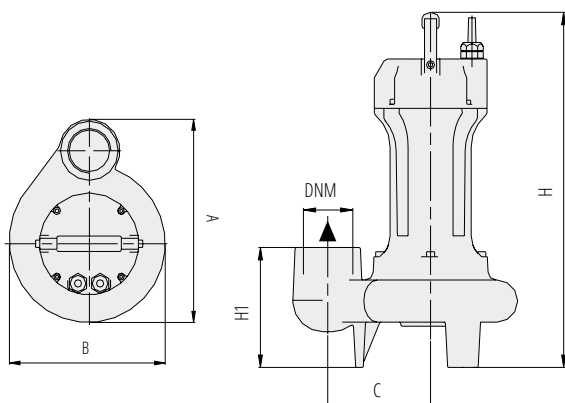
- Insulation Class F
- Protection IP68
- Thermic protection (only single-phase)

MATERIALS

- Motor body - Cast Iron
- Pump body - Cast Iron
- Impeller - Cast Iron
- Shaft with rotor - Stainless Steel AISI 304
- Mechanical seal with oil chamber - Silicon/Silicon/NBR



TYPE	NOMINAL POWER		INPUT POWER	AMPERE	Q = CAPACITY							
Single-phase	P2		P1	Single-phase	m³/h	3	6	9	12	15	18	21
	HP	kW	kW		lt/1'	50	100	150	200	250	300	350
230V-50Hz				1 x 230V	Total head in meters w.c.							
309ECM75/VS	0,75	0,55	0,9	4	H	8,5	8	7	5,5	4	3	
309ECM100/VS	1	0,75	1,1	4,8	(m)	9,5	9	8	6,5	5	4	3



TYPE	DIMENSIONS mm							WEIGHT
Single-phase	A	B	C	H	H1	DNM	CABLE	kg
309ECM75/VS	278	218	126	430	145	2"	10 mt H07RNF	19,5
309ECM100/VS	278	218	126	430	145	2"	10 mt H07RNF	20

SUBMERSIBLE / VORTEX IMPELLER PUMPS



309PRF350V • 309PRF550V

APPLICATION

Submersible drainage pumps with plunged back impeller Vortex type, which allows free passage of suspended parts. Suitable in civil and industrial water systems, for cesspool drainage with oily or chemical liquids, for dirty water with solid and particularly fibrous particles and for zootechnical waste water.

OPERATING CONDITIONS

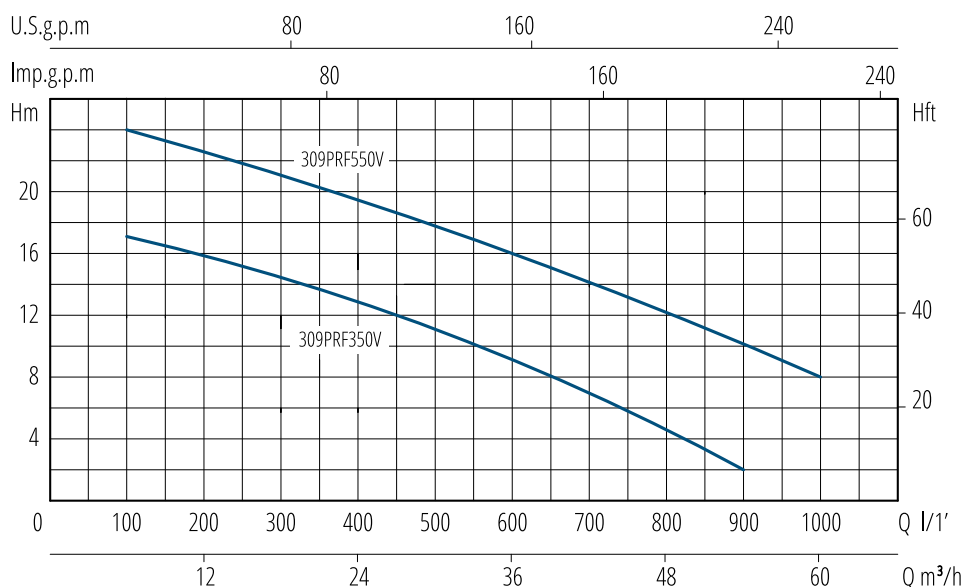
- Liquid temperature 0 - 35°C (according to EN 60335-2-41) up to 50°C (for other uses)
- Maximum immersion depth 20 m (with a cable of the appropriate length)
- Grain size inlet Ø 70 mm
- Min. suction level 190 mm
- Continuous duty

MOTOR

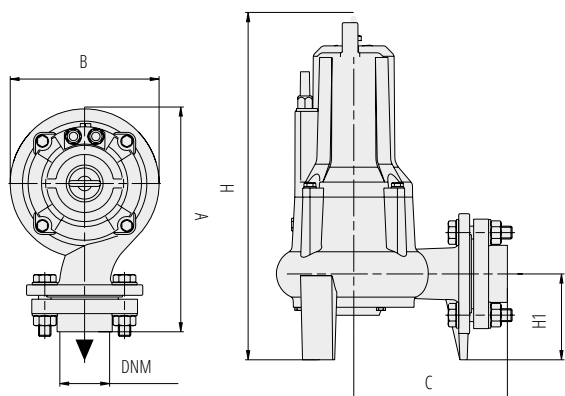
- Insulation Class F
- Protection IP68

MATERIALS

- Motor body - Cast Iron
- Pump body - Cast Iron
- Impeller - Cast Iron
- Shaft with rotor - Stainless Steel AISI 304
- Double mechanical seal in oil chamber : - Ceramic/Graphite/NBR
- Silicon/Silicon/NBR



TYPE	NOMINAL POWER		INPUT POWER	AMPERE	Q = CAPACITY									
					Total head in meters w.c.									
Three-phase 230/400V-50Hz	P2		P1	Three-phase 3 x 400V	m³/h	6	12	18	24	36	42	48	54	60
	HP	KW	KW		lt/1'	100	200	300	400	600	700	800	900	1000
309PRF350V	3,5	2,5	3,5	6	H (m)	17	16	15	13	9	7	5	2	
309PRF550V	5,5	4	7	12		24	23	21	19	16	14	12	10	8



TYPE	DIMENSIONS mm								WEIGHT kg
	A	B	C	H	H1	DNM	CABLE	Grain size inlet (mm)	
309PRF350V	358	256	229	593	143	3"	10 mt H07RN8-F	Ø 70	45
309PRF550V	358	256	229	628	143	3"	10 mt H07RN8-F	Ø 70	51

SUBMERSIBLE CUTTING PUMPS



309CUTTY250T

APPLICATION

The Cutty series comprehend electric pump with plunged impeller, this impeller is multi-pipe, open, with a cutting system in the suction. It is particularly suitable in presence of long, filamentous or fibrous fibres, of destroyable solids also of big dimensions and in biologic liquids or in civil waters.

OPERATING CONDITIONS

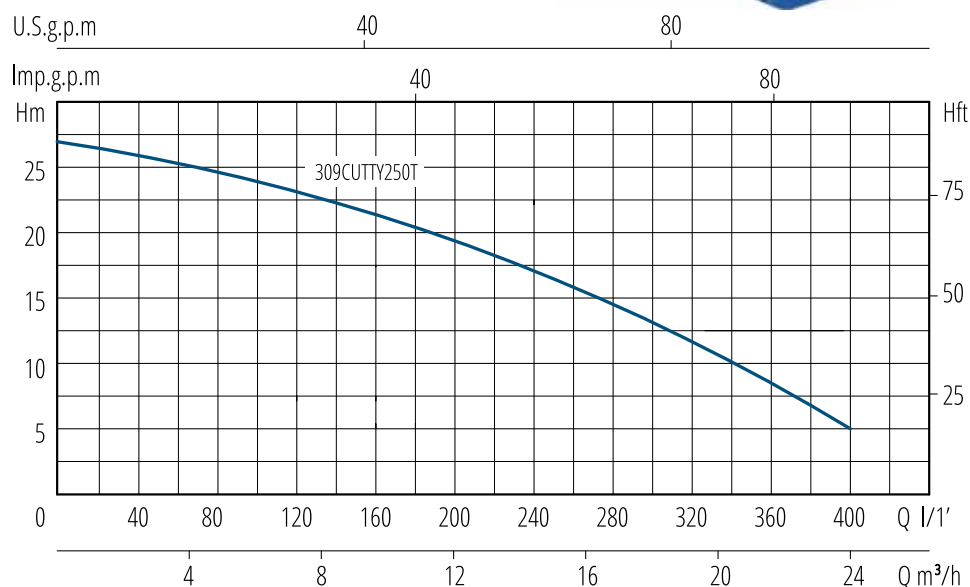
- Liquid temperature 0 - 35°C (according to EN 60335-2-41) up to 50°C (for other uses)
- Maximum immersion depth 20 m (with a cable of the appropriate length)
- Min. suction level 80 mm
- Continuous duty

MOTOR

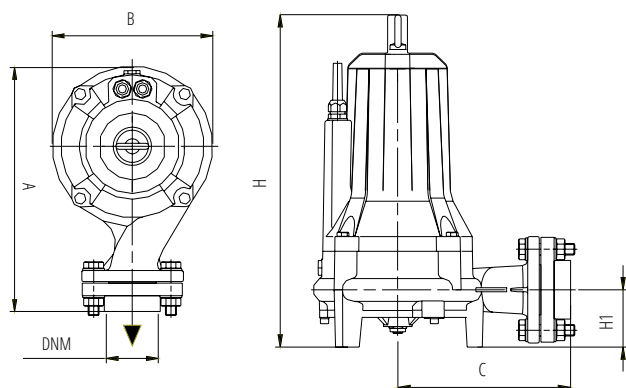
- Insulation Class F
- Protection IP68
- Thermic protection (only single-phase)

MATERIALS

- Motor body - Cast Iron
- Pump body - Cast Iron
- Impeller - Cast Iron
- Shaft with rotor - Stainless Steel AISI 304
- Cutting - Stainless Steel AISI 304
- Double mechanical seal in oil chamber
 - Ceramic/Graphite/NBR
 - Silicon/Silicon/NBR



TYPE	NOMINAL POWER		INPUT POWER	AMPERE	Q = CAPACITY										
	P2				P1	Three-phase	m ³ /h	0	3	6	9	12	15	18	21
Three-phase	HP	kW	kW	lt/1'			0	50	100	150	200	250	300	350	400
230/400V-50Hz				Total head in meters w.c.											
309CUTTY250T	2,5	1,85	2,7	4,8	H (m)	27	26	25	22	19	16	10	9	5	



TYPE	DIMENSIONS mm							WEIGHT
Three-phase	A	B	C	H	H1	DNM	CABLE	kg
309CUTTY250T	305	206	200	468	72	1"2	10 mt H07RN8-F	45

SUBMERSIBLE SEWAGE PUMPS

309SQ6555 • 309SQ8575



APPLICATION

Thanks to their important features, SQ pumps are the ideal solution for the carriage of waters coming from cleaners, sewing systems, zootechnic farms, slaughter-houses, foundries and for irrigation in agricultural field. Applicable in fishing industry, paper mills and in civil and industrial plants. The pumps adopt open single-blade impeller which allows free passage of suspended parts and high performance.

OPERATING CONDITIONS

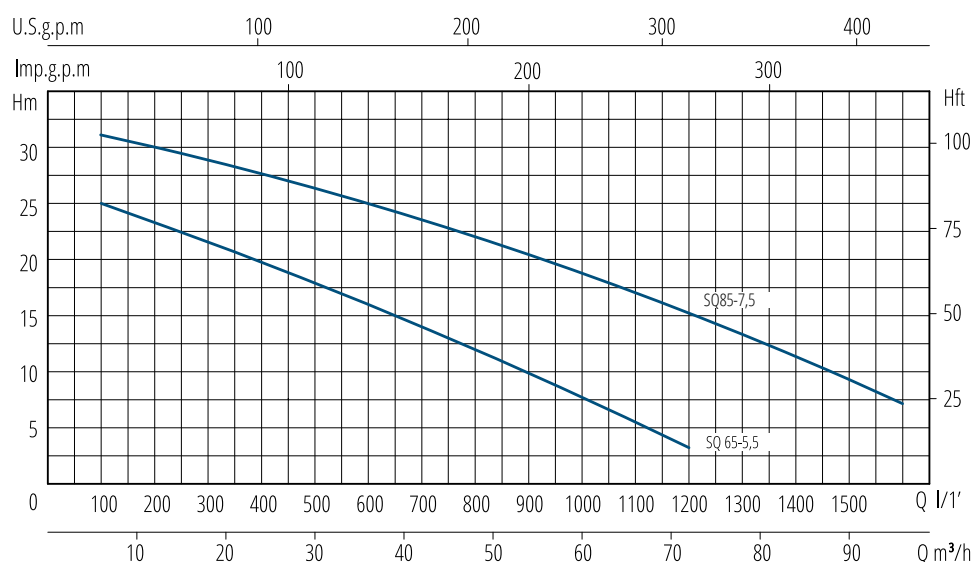
- Liquid temperature 0 - 35°C (according to EN 60335-2-41) up to 50°C (for other uses)
- Maximum immersion depth 20 m (with a cable of the appropriate length)
- Liquid PH from 4 to 10
- Continuous duty with completely submersed pump
- Liquid density 1.2 kg/dm³

MOTOR

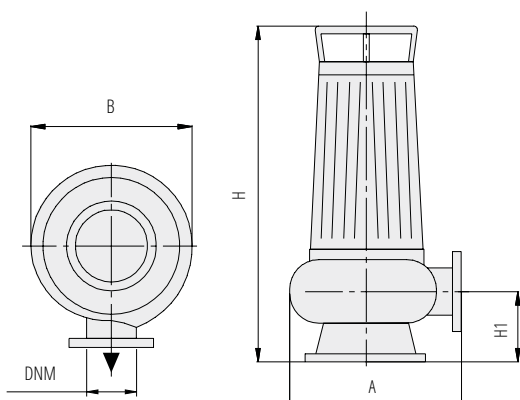
- Insulation Class F
- Protection IP68

MATERIALS

- Motor body - Cast Iron
- Pump body - Cast Iron
- Impeller - Cast Iron
- Shaft with rotor - Stainless Steel AISI 304
- Double mechanical seal in oil chamber - Ceramic/Graphite/NBR
- Silicon/Silicon/NBR



TYPE	NOMINAL POWER		INPUT POWER	AMPERE	Q = CAPACITY										
Three-phase	P2		P2	Three-phase	m³/h	6	12	18	24	36	48	60	72	84	96
	HP	KW	KW		lt/1'	100	200	300	400	600	800	1000	1200	1400	1600
230/400V-50Hz				3 x 400V	Total head in meters w.c.										
309SQ6555	7,5	5,5	6,2	10	H (m)	25	23	21,5	20	16	12	7.5	3	-	-
309SQ8575	10	7,5	8,5	13,5		30	28,5	27,5	26,5	24	21	17,5	13	10	6



TYPE	DIMENSIONS mm						WEIGHT
Three-phase	A	B	H	H1	Grain size inlet (mm)	CABLE	kg
309SQ6555	330	280	670	130	Ø 70	10 mt H07RNF	119
309SQ8575	330	280	700	130	Ø 70	10 mt H07RNF	123

ST-05 | SUBMERSIBLE BOREHOLE PUMPS



302ST-0510 • 302ST-0513 • 302ST-0519 • 302ST-0526 • 302ST-0538

The Speroni submersible borehole pump range covers a wide range of pumping duties for agricultural and domestic applications. Floating type impellers require less starting torque and are less affected by sand or other abrasive materials. Pumps with less than 19 impellers are fitted with one shaft bearing and pumps with more than 19 impellers are fitted with two bearings.

APPLICATION

- Water supply
- Irrigation
- Pressure boosting

OPERATING CONDITIONS

- Sand content: Max. 50 g/m³

MOTOR

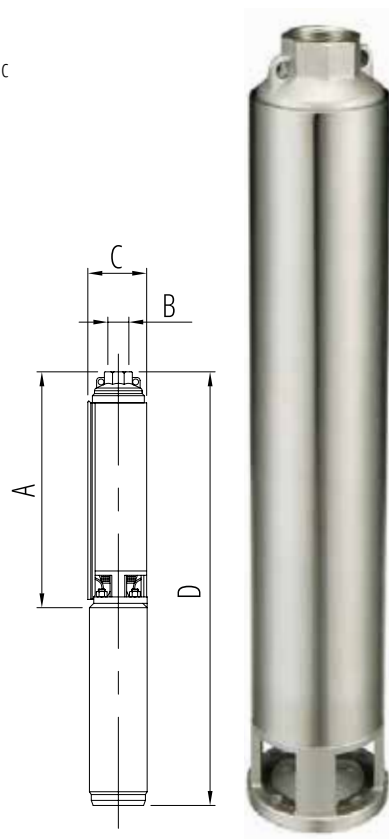
- Insulation Class F
- Protection IP68

MATERIALS

- Shaft - Hex 304 Stainless Steel
- Shaft Coupling - 304 Stainless Steel
- Impeller - Nonyl
- Strainer - 304 Stainless Steel
- Discharge Head - 304 Stainless Steel

SINGLE-PHASE MOTORS				
TYPE	DIMENSIONS mm			
	A	B	C	D
302ST-0510	324	RP/ NPT 1 1/4"	98	670
302ST-0513	377		98	723
302ST-0519	481		98	846
302ST-0526	642		98	1022
302ST-0538	864		98	1307

THREE-PHASE MOTORS				
TYPE	DIMENSIONS mm			
	A	B	C	D
302ST-0510	324	RP/ NPT 1 1/4"	98	654
302ST-0513	377		98	707
302ST-0519	481		98	827
302ST-0526	642		98	1007
302ST-0538	864		98	1282



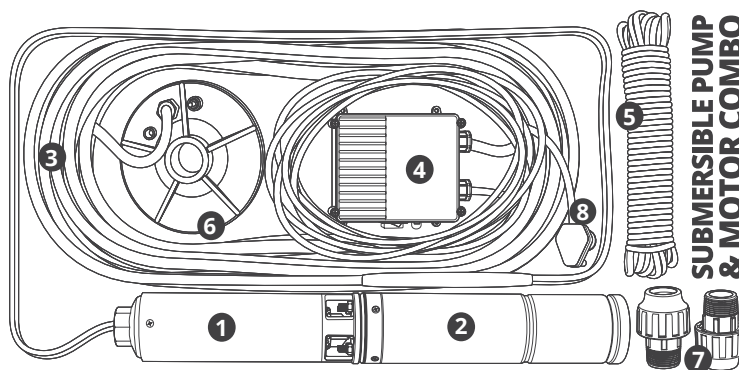
TYPE	MOTOR		Q = CAPACITY										
	P2		m³/h	0.3	0.6	0.9	1.2	1.5	1.8	PUMP	ELECTRO PUMP		
	kW	HP	ℓ/min	5	10	15	20	25	30	NET WEIGHT (kg)			
			Total head in meters w.c.							Single-phase			Three-phase
			H(m)										
302ST-0510	0.37	0.5			67	63	55	46	33	18	3.3	10.6	10
302ST-0513	0.37	0.5			86	78	70	56	42	23	3.7	11	10.4
302ST-0519	0.55	0.75			126	118	105	86	60	30	4.7	12.9	12.1
302ST-0526	0.75	1			173	160	141	117	81	39	5.8	14	14
302ST-0538	1.1	1.5		253	234	208	169	117	52	9.2	18.1	18.1	

SUBMERSIBLE PUMP COMBO 0.37 kW

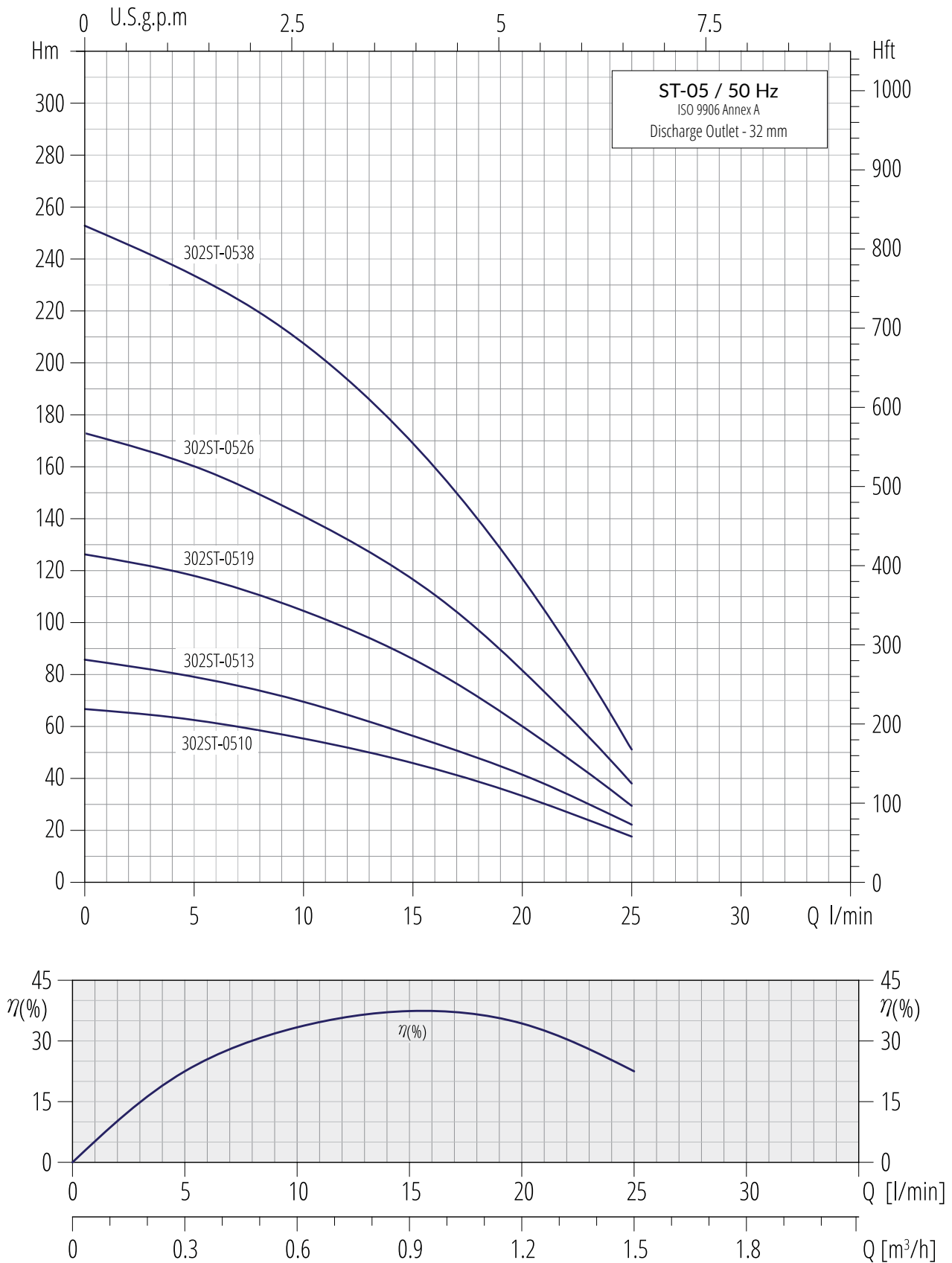
302ST-0513C

- 1- 302ST-0513 / Speroni Submersible Pump
- 2- Stairs 230 V Submersible Motor
- 3- 50 m Submersible Cable
- 4- Control Box
- 5- Rope
- 6- HDPE Base Plate 32 mm
- 7- 2 x Compression Male Adaptors 32 mm x 1-1/4"
- 8- 5 m Cabtyre & 3 Point Plug

Everything is pre-assembled, cabled jointed to the motor, only the 32 mm HDPE pipe must be supplied for installation. To be installed at a maximum depth of 50 m.



****Not included in kit: 32 mm pipe, inducer sleeve, above ground fittings**



ST-07 | SUBMERSIBLE BOREHOLE PUMPS



302ST-0715 • 302ST-0720 • 302ST-0730 • 302ST-0734

The Speroni submersible borehole pump range covers a wide range of pumping duties for agricultural and domestic applications. Floating type impellers require less starting torque and are less affected by sand or other abrasive materials. Pumps with less than 19 impellers are fitted with one shaft bearing and pumps with more than 19 impellers are fitted with two bearings.

APPLICATION

- Water supply
- Irrigation
- Pressure boosting

OPERATING CONDITIONS

- Sand content: Max. 50 g/m³

MOTOR

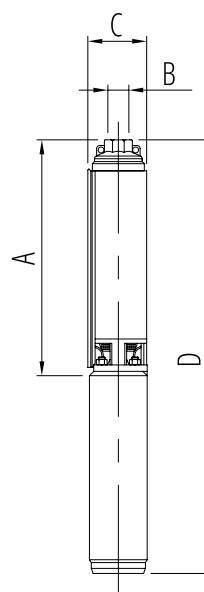
- Insulation Class F
- Protection IP68

MATERIALS

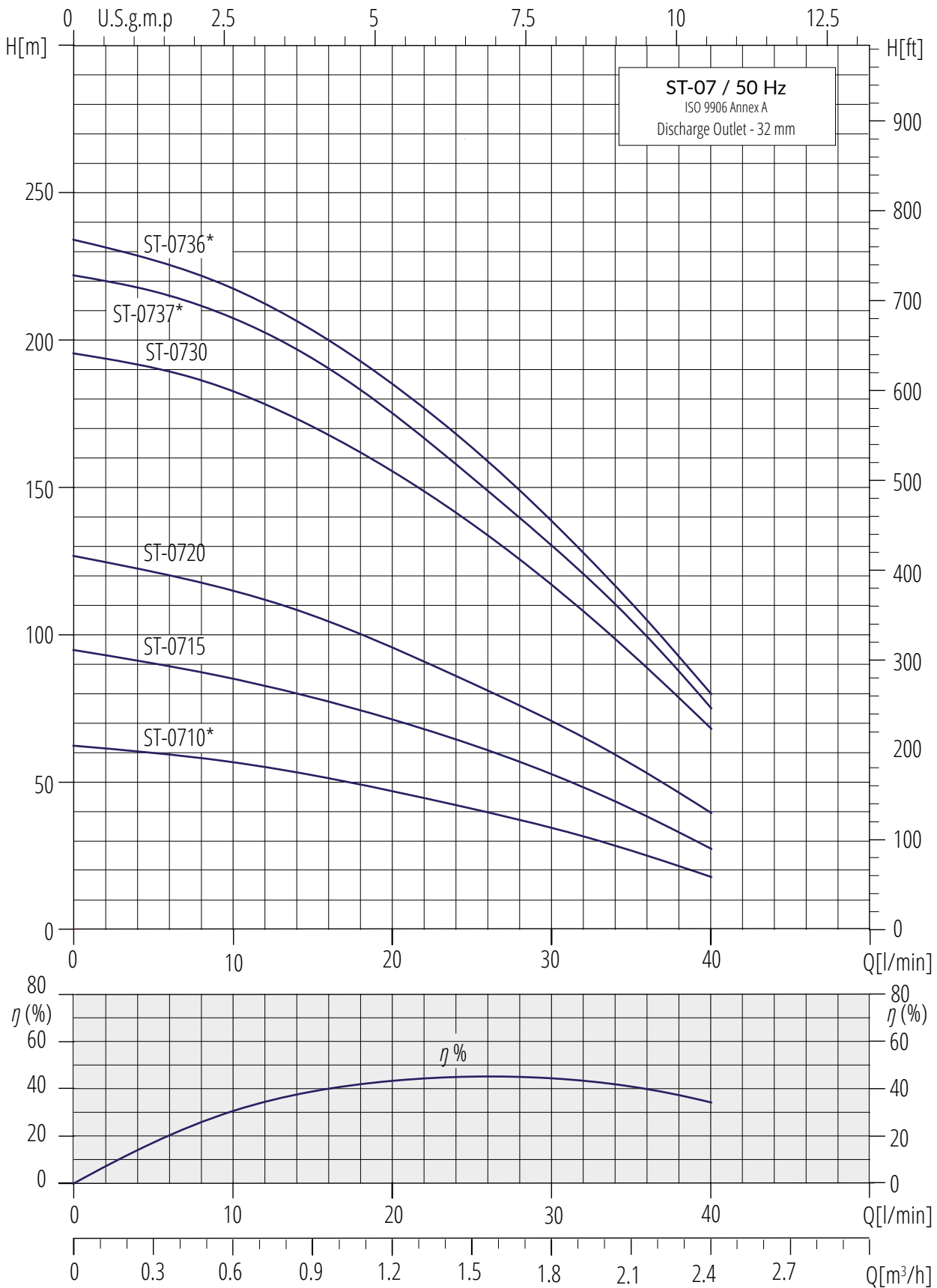
- Shaft - Hex 304 Stainless Steel
- Shaft Coupling - 304 Stainless Steel
- Impeller - Noryl
- Strainer - 304 Stainless Steel
- Discharge Head - 304 Stainless Steel

SINGLE-PHASE MOTORS				
TYPE	DIMENSIONS mm			
	A	B	C	D
302ST-0715	420	RP/ NPT 1 1/4"	98	785
302ST-0720	510		98	890
302ST-0730	730		98	1135
302ST-0734	833		98	1273

THREE-PHASE MOTORS				
TYPE	DIMENSIONS mm			
	A	B	C	D
302ST-0715	420	RP/ NPT 1 1/4"	98	766
302ST-0720	510		98	875
302ST-0730	730		98	1110
302ST-0734	833		98	1238



TYPE	MOTOR		Q = CAPACITY													
	P2		m³/h	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	PUMP	ELECTRO PUMP		
	kW	HP	ℓ/min	5	10	15	20	25	30	35	40	45	NET WEIGHT (kg)			
			Total head in meters w.c.											Single-phase	Three-phase	
302ST-0715	0.55	0.75	95	-	86	78	72	63	53	41	28	-	4.3	12.5	11.7	
302ST-0720	0.75	1.0	127	-	115	107	96	84	71	56	40	-	5.3	14.1	13.5	
302ST-0730	1.1	1.5	195	-	183	171	156	138	117	94	69	-	7.4	17.4	16.3	
302ST-0734	1.5	2.0	222	-	207	194	175	154	130	104	76	-	9.3	20.8	19.3	



* Non-Stock item: Special order required

ST-10 | SUBMERSIBLE BOREHOLE PUMPS



302ST-1005 • 302ST-1007 • 302ST-1010 • 302ST-1014 • 302ST-1020

The Speroni submersible borehole pump range covers a wide range of pumping duties for agricultural and domestic applications. Floating type impellers require less starting torque and are less affected by sand or other abrasive materials. Pumps with less than 19 impellers are fitted with one shaft bearing and pumps with more than 19 impellers are fitted with two bearings.

APPLICATION

- Water supply
- Irrigation
- Pressure boosting

OPERATING CONDITIONS

- Sand content: Max. 50 g/m³

MOTOR

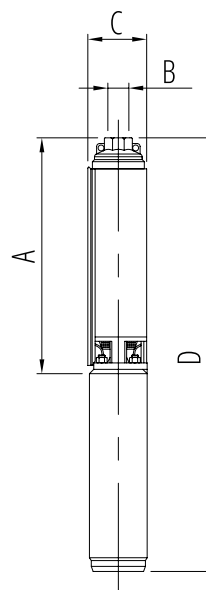
- Insulation Class F
- Protection IP68

MATERIALS

- Shaft - Hex 304 Stainless Steel
- Shaft Coupling - 304 Stainless Steel
- Impeller - Noryl
- Strainer - 304 Stainless Steel
- Discharge Head - 304 Stainless Steel

SINGLE-PHASE MOTORS				
TYPE	DIMENSIONS mm			
	A	B	C	D
302ST-1005	236	RP/ NPT 1 1/4"	98	582
302ST-1007	271		98	617
302ST-1010	324		98	689
302ST-1014	394		98	774
302ST-1020	499		98	904

THREE-PHASE MOTORS				
TYPE	DIMENSIONS mm			
	A	B	C	D
302ST-1005	236	RP/ NPT 1 1/4"	98	566
302ST-1007	271		98	601
302ST-1010	324		98	670
302ST-1014	394		98	759
302ST-1020	499		98	879



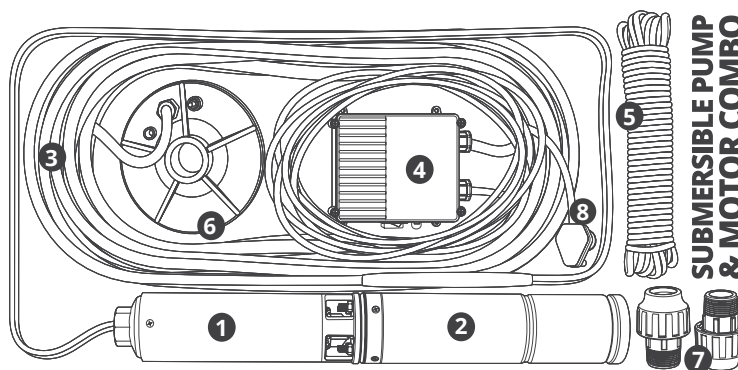
TYPE	MOTOR		Q = CAPACITY													
	P2		m³/h	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.6	PUMP	ELECTRO PUMP	
	kW	HP	ℓ/min	10	15	20	25	30	35	40	45	50	60	NET WEIGHT (kg)		
			Total head in meters w.c.													Single-phase
302ST-1005	0.37	0.5	H(m)	34	32	31	29	27	25	23	19	16	-	2.5	9.8	9.2
302ST-1007	0.37	0.5		46	43	42	39	36	33	29	26	22	-	2.8	10.1	9.5
302ST-1010	0.55	0.75		67	64	61	58	54	49	43	36	28	-	3.3	11.5	10.7
302ST-1014	0.75	1		92	86	83	79	74	67	60	52	42	-	3.9	12.7	12.1
302ST-1020	1.1	1.5		139	131	127	120	111	101	90	75	60	-	4.9	14.9	13.8

SUBMERSIBLE PUMP COMBO 0.55 kW

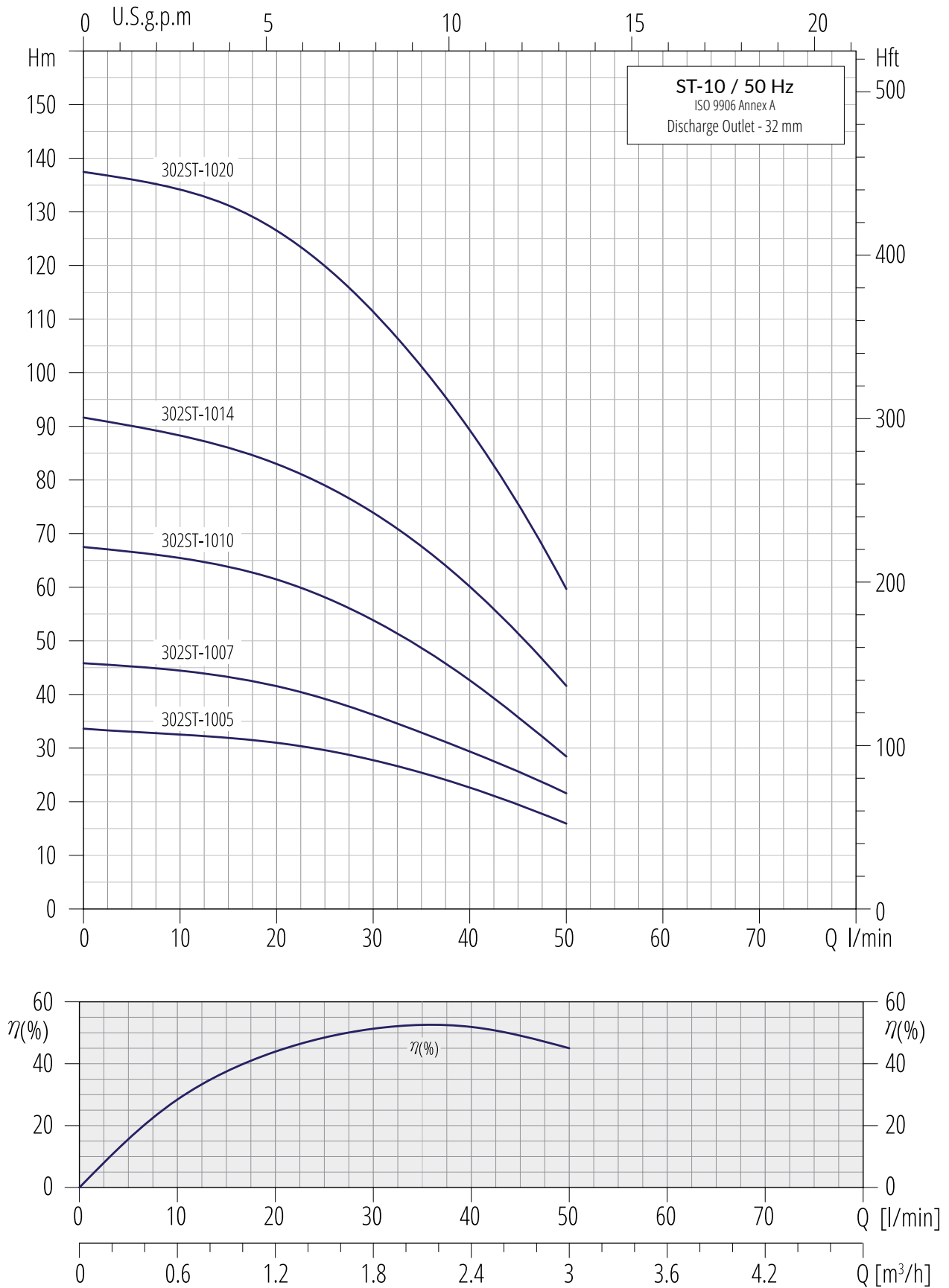
302ST-1010C

- 1- 302ST-1010 / Speroni Submersible Pump
- 2- Stairs 230 V Submersible Motor
- 3- 50 m Submersible Cable
- 4- Control Box
- 5- Rope
- 6- HDPE Base Plate 32 mm
- 7- 2 x Compression Male Adaptors 32 mm x 1-1/4"
- 8- 5 m Cabyre & 3 Point Plug

Everything is pre-assembled, cabled jointed to the motor, only the 32 mm HDPE pipe must be supplied for installation. To be installed at a maximum depth of 50 m.



****Not included in kit: 32 mm pipe, inducer sleeve, above ground fittings**



ST-13 | SUBMERSIBLE BOREHOLE PUMPS



302ST-1305 • 302ST-1308 • 302ST-1311 • 302ST-1316
302ST-1321 • 302ST-1332

The Speroni submersible borehole pump range covers a wide range of pumping duties for agricultural and domestic applications. Floating type impellers require less starting torque and are less affected by sand or other abrasive materials. Pumps with less than 19 impellers are fitted with one shaft bearing and pumps with more than 19 impellers are fitted with two bearings.

APPLICATION

- Water supply
- Irrigation
- Pressure boosting

OPERATING CONDITIONS

- Sand content: Max. 50 g/m³

MOTOR

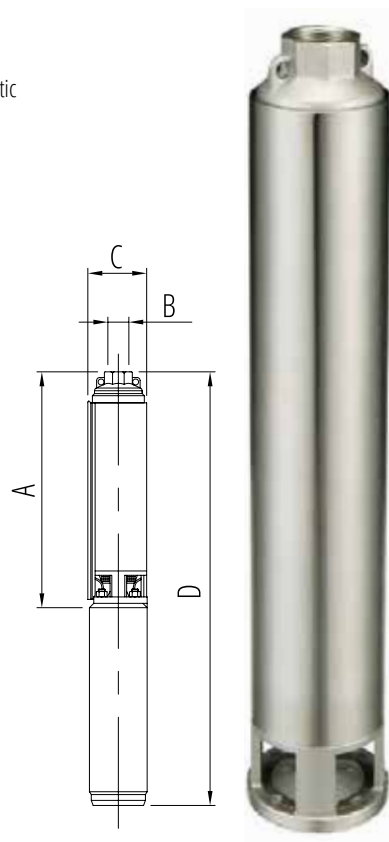
- Insulation Class F
- Protection IP68

MATERIALS

- Shaft - Hex 304 Stainless Steel
- Shaft Coupling - 304 Stainless Steel
- Impeller - Noryl
- Strainer - 304 Stainless Steel
- Discharge Head - 304 Stainless Steel

SINGLE-PHASE MOTORS				
TYPE	DIMENSIONS mm			
	A	B	C	D
302ST-1305	236	RP/ NPT 1 1/4"	98	582
302ST-1308	289		98	654
302ST-1311	342		98	722
302ST-1316	430		98	835
302ST-1321	519		98	959
302ST-1332	787		98	1282

THREE-PHASE MOTORS				
TYPE	DIMENSIONS mm			
	A	B	C	D
302ST-1305	236	RP/ NPT 1 1/4"	98	566
302ST-1308	289		98	635
302ST-1311	342		98	707
302ST-1316	430		98	810
302ST-1321	519		98	924
302ST-1332	787		98	1227



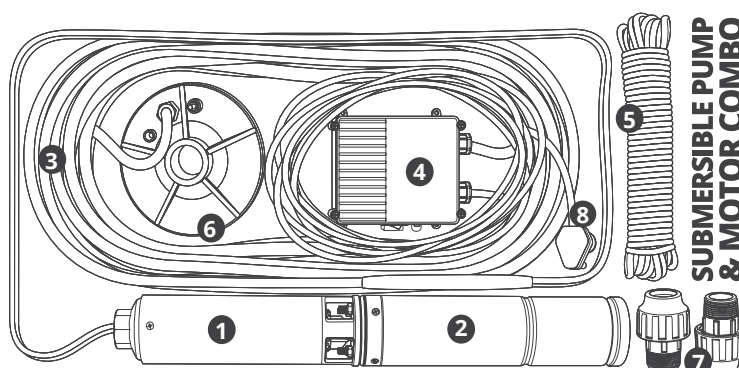
TYPE	MOTOR		Q = CAPACITY														
	P2		m³/h	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.6	4.2	4.8	PUMP	ELECTRO PUMP	
	kW	HP	ℓ/min	15	20	25	30	35	40	45	50	60	70	80	NET WEIGHT (kg)		
			Total head in meters w.c.														Single-phase
302ST-1305	0.37	0.5	H(m)	34	32	31	30	29	27	25	23	18	11	-	2.5	9.8	9.2
302ST-1308	0.55	0.75		54	51	50	49	46	43	41	38	30	19	-	2.9	11.1	10.3
302ST-1311	0.75	1.0		72	68	66	64	61	58	54	49	38	26	-	3.4	12.2	11.6
302ST-1316	1.1	1.5		106	101	98	95	89	83	77	70	54	33	-	4.2	14.2	13.1
302ST-1321	1.5	2.0		142	135	132	127	122	115	108	100	79	49	-	5.0	16.5	15.0
302ST-1332	2.2	3.0		208	200	194	187	177	165	152	138	104	62	-	8.1	22.1	19.7

SUBMERSIBLE PUMP COMBO 0.75 kW

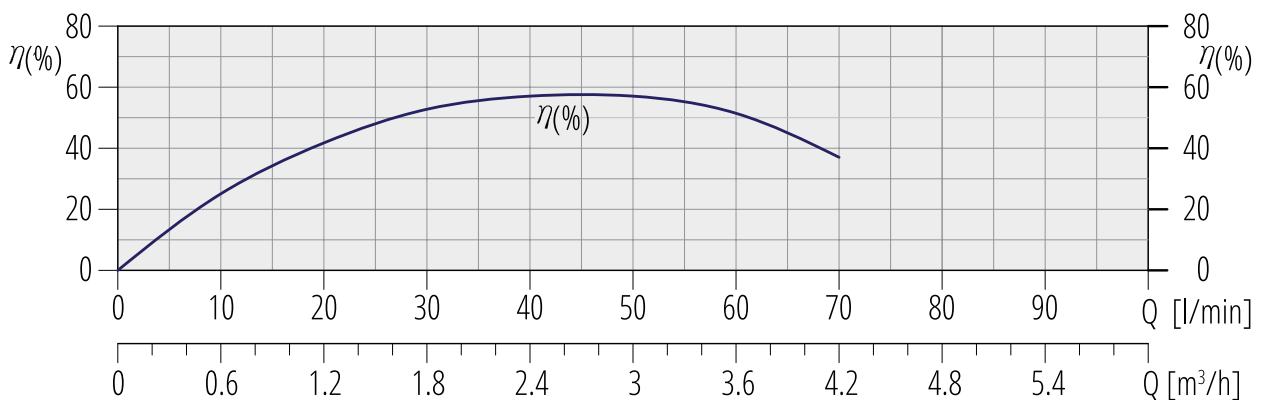
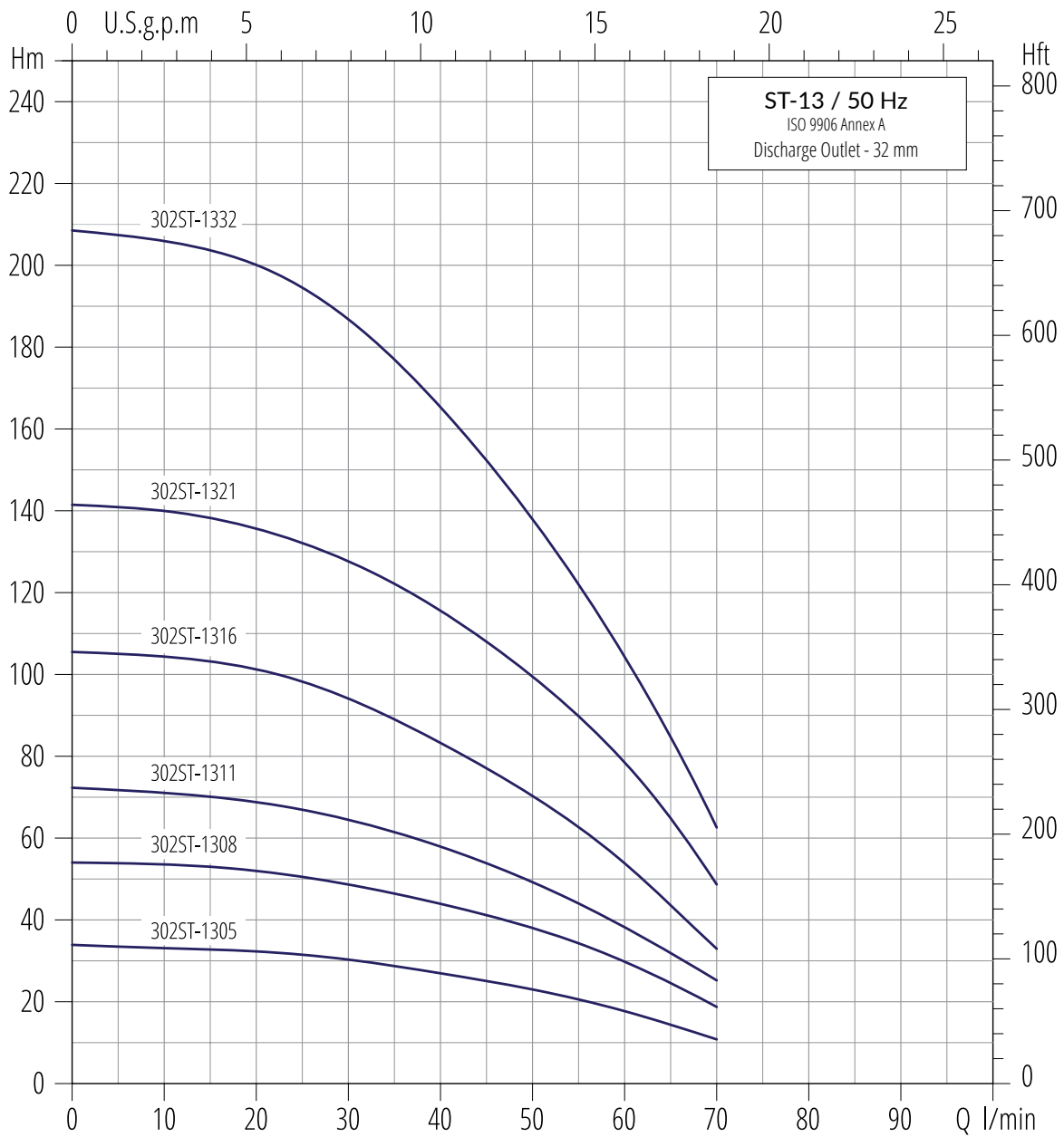
302ST-1311C

- 1 - 302ST-1311 / Speroni Submersible Pump
- 2 - Stairs 230 V Submersible Motor
- 3 - 50 m Submersible Cable
- 4 - Control Box
- 5 - Rope
- 6 - HDPE Base Plate 40 mm
- 7 - 2 x Compression Male Adaptors 40 mm x 1-1/4" and 40 mm x 1-1/2"
- 8 - 5 m Cabyre & 3 Point Plug

Everything is pre-assembled, cabled jointed to the motor, only the 32 mm HDPE pipe must be supplied for installation. To be installed at a maximum depth of 50 m.



***Not included in kit: 32 mm pipe, inducer sleeve, above ground fittings*



ST-18 | SUBMERSIBLE BOREHOLE PUMPS



302ST-1807 • 302ST-1809 • 302ST-1814 • 302ST-1818 • 302ST-1827

The Speroni submersible borehole pump range covers a wide range of pumping duties for agricultural and domestic applications. Floating type impellers require less starting torque and are less affected by sand or other abrasive materials. Pumps with less than 19 impellers are fitted with one shaft bearing and pumps with more than 19 impellers are fitted with two bearings.

APPLICATION

- Water Supply
- Irrigation
- Pressure Boosting

OPERATING CONDITIONS

- Sand content: Max. 50 g/m³

MOTOR

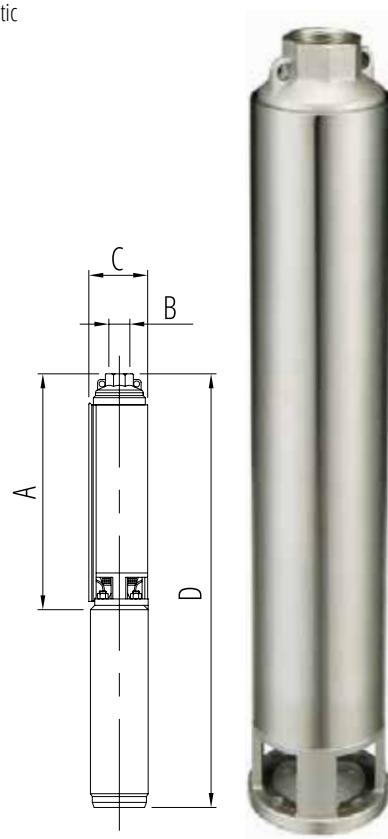
- Insulation Class F
- Protection IP68

MATERIALS

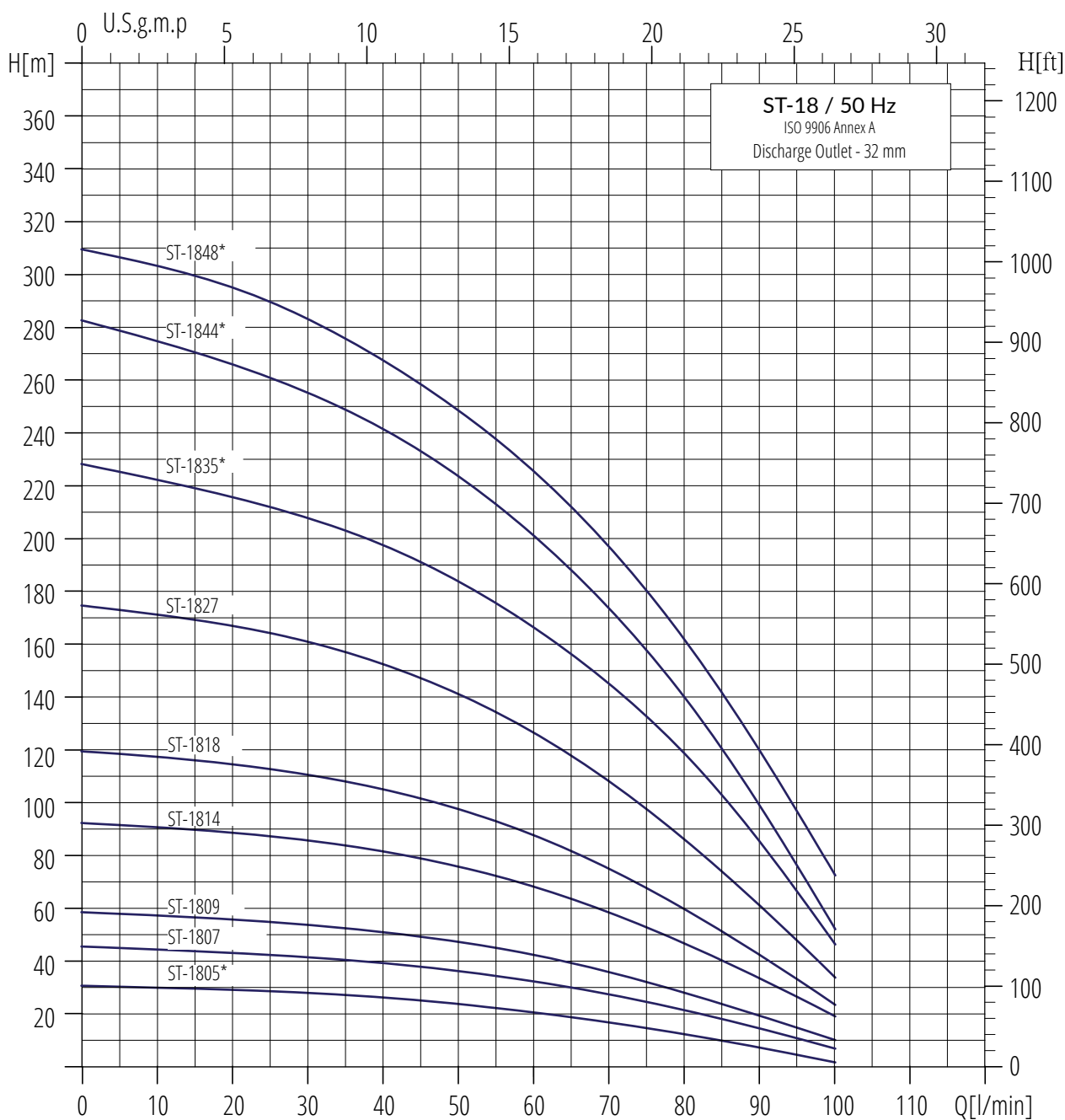
- Shaft - Hex 304 Stainless Steel
- Shaft Coupling - 304 Stainless Steel
- Impeller - Noryl
- Strainer - 304 Stainless Steel
- Discharge Head - 304 Stainless Steel

SINGLE PHASE MOTORS				
TYPE	DIMENSIONS mm			
	A	B	C	D
302ST-1807	301	RP/ NPT 1 1/4"	98	666
302ST-1809	344		98	724
302ST-1814	452		98	857
302ST-1818	538		98	978
302ST-1827	805		98	1300

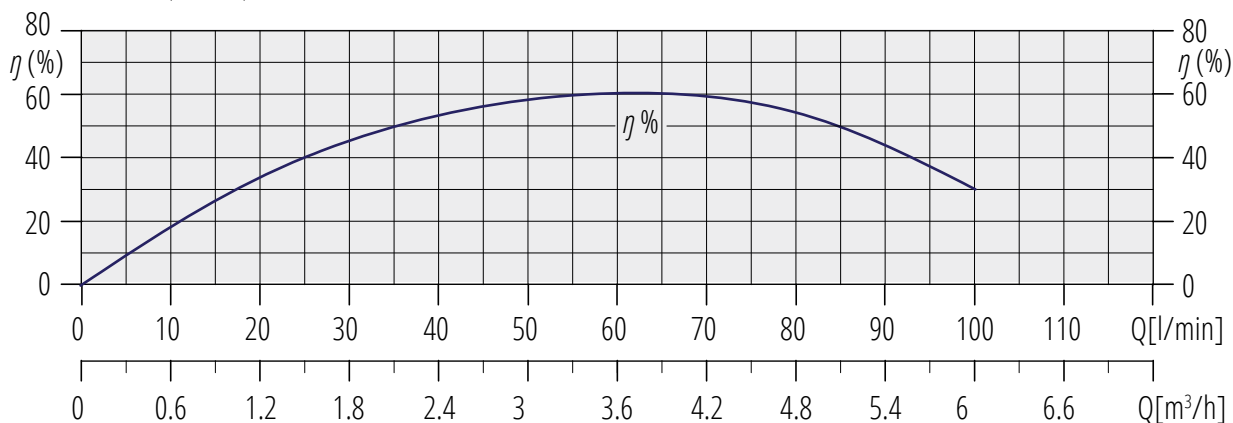
THREE-PHASE MOTORS				
TYPE	DIMENSIONS mm			
	A	B	C	D
302ST-1807	301	RP/ NPT 1 1/4"	98	647
302ST-1809	344		98	709
302ST-1814	452		98	832
302ST-1818	538		98	943
302ST-1827	805		98	1245



TYPE	MOTOR		Q = CAPACITY															PUMP	ELECTRO PUMP	
	P2		m³/h	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.6	4.2	4.8	5.4	6.0	7.2	NET WEIGHT (kg)			
	kW	HP	ℓ/min	20	25	30	35	40	45	50	60	70	80	90	100	120	NET WEIGHT (kg)			
			Total head in meters w.c.															Single-phase	Three-phase	
302ST-1807	0.55	0.75	H(m)	-	43	42	41	39	38	36	33	28	22	15	7	-	3.0	11.2	10.4	
302ST-1809	0.75	1.0		-	55	54	52	51	49	47	43	37	28	20	10	-	3.3	12.1	11.5	
302ST-1814	1.1	1.5		-	87	86	83	81	79	76	68	58	47	33	20	-	4.1	14.1	13.0	
302ST-1818	1.5	2.0		-	113	111	108	105	102	98	88	75	60	42	25	-	4.7	16.2	14.7	
302ST-1827	2.2	3.0		-	164	161	157	152	147	141	127	109	87	61	35	-	7.2	21.2	18.8	



* Non-Stock item: Special order required



ST-25 | SUBMERSIBLE BOREHOLE PUMPS



302ST-2504 • 302ST-2506 • 302ST-2508 • 302ST-2512 • 302ST-2516
302ST-2524 • 302ST-2532 • 302ST-2540 • 302ST-2544

The Speroni submersible borehole pump range covers a wide range of pumping duties for agricultural and domestic applications. Floating type impellers require less starting torque and are less affected by sand or other abrasive materials. Pumps with less than 19 impellers are fitted with one shaft bearing and pumps with more than 19 impellers are fitted with two bearings.

APPLICATION

- Water supply
- Irrigation
- Pressure boosting

OPERATING CONDITIONS

- Sand content: Max. 50 g/m³

MOTOR

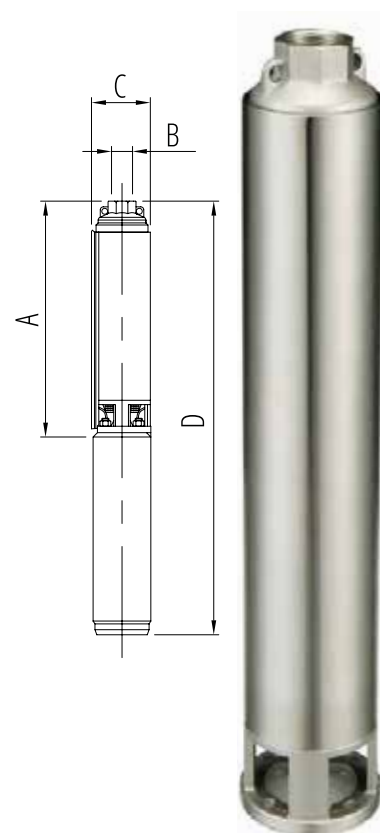
- Insulation Class F
- Protection IP68

MATERIALS

- Shaft - Hex 304 Stainless Steel
- Shaft Coupling - 304 Stainless Steel
- Impeller - Noryl
- Strainer - 304 Stainless Steel
- Discharge Head - 304 Stainless Steel

SINGLE-PHASE MOTORS				
TYPE	DIMENSIONS mm			
	A	B	C	D
302ST-2504	247	RP/ NPT 1 ½"	98	593
302ST-2506	296		98	661
302ST-2508	345		98	725
302ST-2512	433		98	838
302ST-2516	542		98	982
302ST-2524	815		98	1310
302ST-2532	1003		98	1610
302ST-2540	1198		98	1881
302ST-2544	1334		98	2071

THREE-PHASE MOTORS				
TYPE	DIMENSIONS mm			
	A	B	C	D
302ST-2504	247	RP/ NPT 1 ½"	98	577
302ST-2506	296		98	642
302ST-2508	345		98	710
302ST-2512	433		98	813
302ST-2516	542		98	947
302ST-2524	815		98	1255
302ST-2532	1003		98	1519
302ST-2540	1198		98	N/A
302ST-2544	1334		98	1541



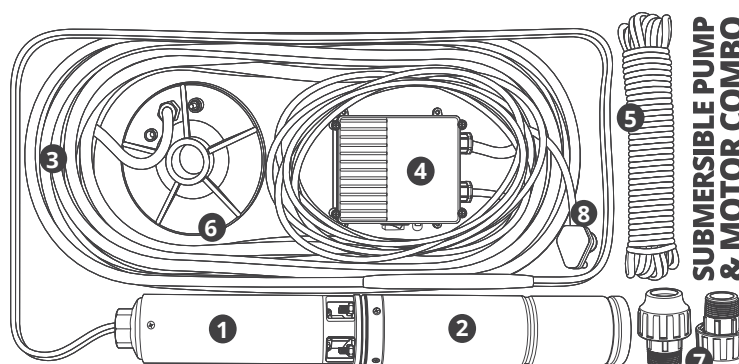
TYPE	MOTOR		Q = CAPACITY														
	P2		m³/h	1.8	2.1	2.4	2.7	3.0	3.6	4.2	4.8	5.4	6.0	7.2	PUMP	ELECTRO PUMP	
	kW	HP	ℓ/min	30	35	40	45	50	60	70	80	90	100	120	NET WEIGHT (kg)		
			Total head in meters w.c.														Single-phase
302ST-2504	0.37	0.5	H(m)	26	23	22	22	21	19	17	14	11	7	-	2.4	9.7	9.1
302ST-2506	0.55	0.75		38	36	35	33	32	30	26	22	18	12	-	2.9	11.1	10.3
302ST-2508	0.75	1.0		51	47	46	44	43	39	35	30	24	18	-	3.3	12.1	11.5
302ST-2512	1.1	1.5		77	72	71	69	68	63	57	49	41	31	-	4.1	14.1	13
302ST-2516	1.5	2.0		102	98	96	94	92	86	77	68	57	46	-	5	16.5	15
302ST-2524	2.2	3.0		151	142	139	136	132	122	111	97	80	62	-	7.6	21.6	19.2
302ST-2532	3.0	4.0		203	188	185	180	175	162	146	127	105	80	-	9.7	29.1	24.9
302ST-2540	3.7	5.0		253	232	227	222	216	202	182	159	131	102	-	11.4	34.1	N/A
302ST-2544	4.0	5.5		278	265	260	254	247	230	210	187	159	127	-	12.2	35	31.7

SUBMERSIBLE PUMP COMBO 1.1 kW

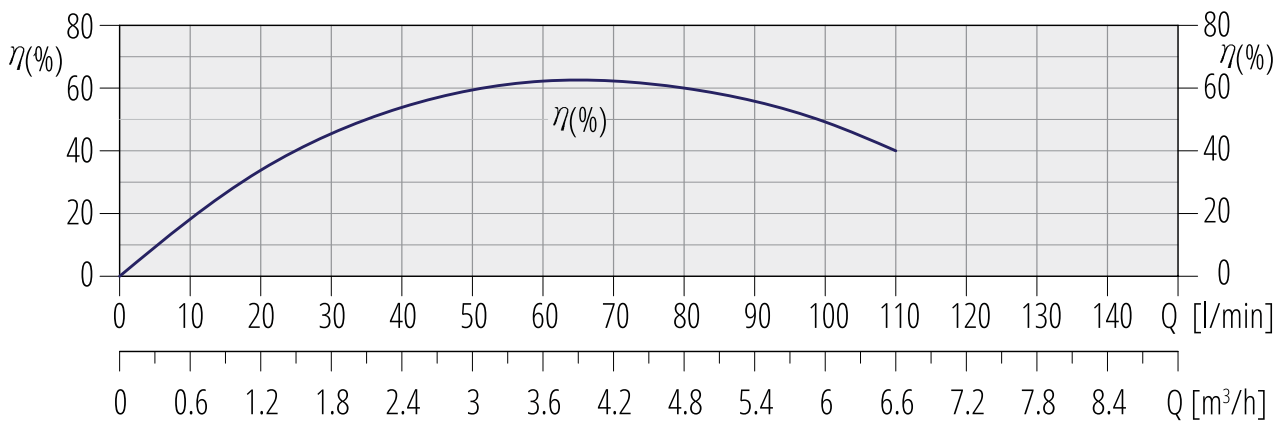
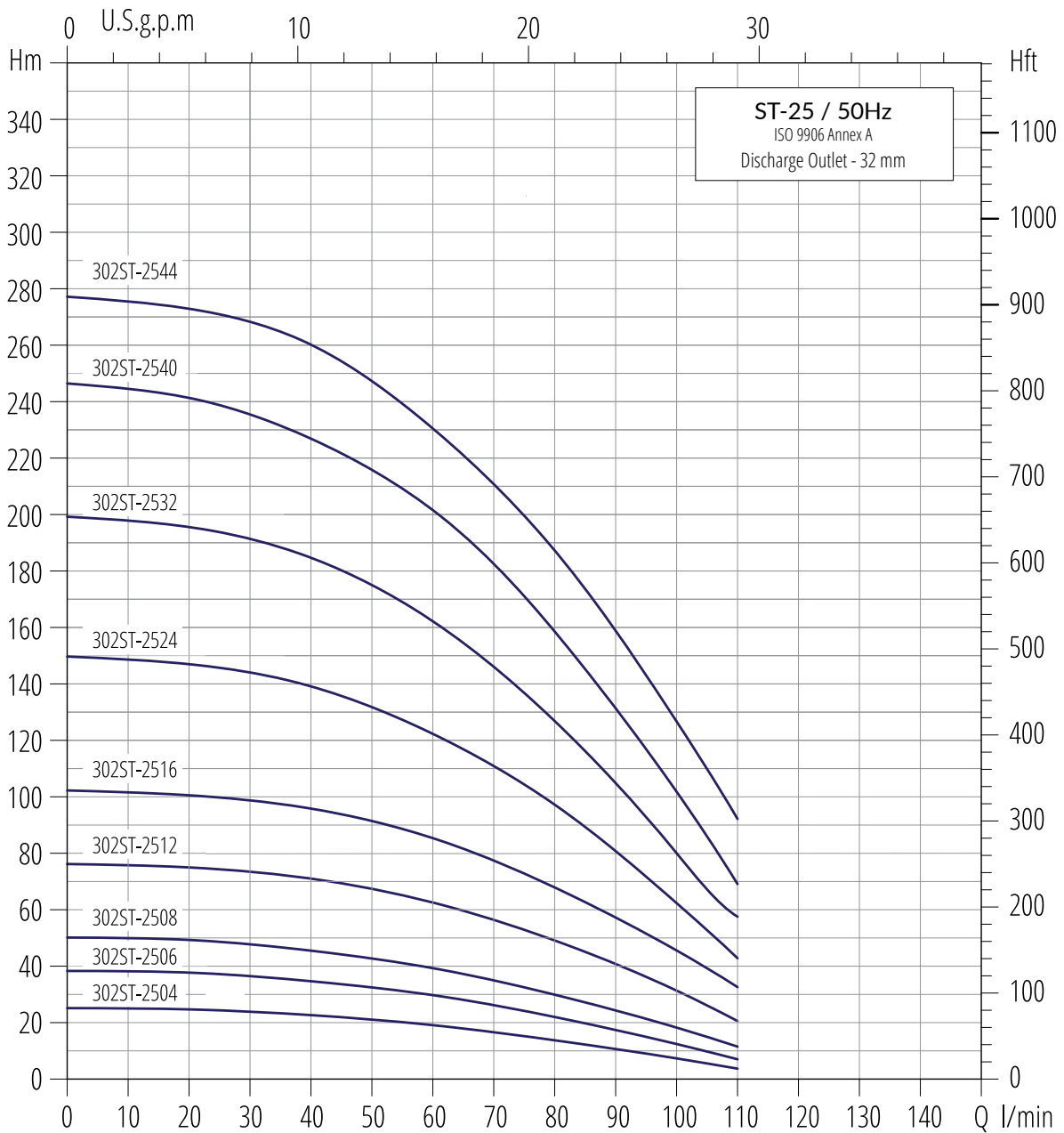
302ST-2512C

- 1 - 302ST-2512 / Speroni Submersible Pumps
- 2 - Stairs 230 V Submersible Motor
- 3 - 50 m Submersible Cable
- 4 - Control Box
- 5 - Rope
- 6 - HDPE Base Plate 40 mm
- 7 - 2 x Compression Male Adaptors 40 mm x 1-¼" and 40 mm x 1-½"
- 8 - 5 m Cabtyre & 3 Point Plug.

Everything is pre-assembled, cabled jointed to the motor, only the 32 mm HDPE pipe must be supplied for installation. To be installed at a maximum depth of 50 m.



****Not included in kit: 32 mm pipe, inducer sleeve, above ground fittings**



ST-40 | SUBMERSIBLE BOREHOLE PUMPS



302ST-4004 • 302ST-4006 • 302ST-4008 • 302ST-4013
302ST-4017 • 302ST-4021 • 302ST-4023 • 302ST-4032

The Speroni submersible borehole pump range covers a wide range of pumping duties for agricultural and domestic applications. Floating type impellers require less starting torque and are less affected by sand or other abrasive materials. Pumps with less than 19 impellers are fitted with one shaft bearing and pumps with more than 19 impellers are fitted with two bearings.

APPLICATION

- Water supply
- Irrigation
- Pressure boosting

OPERATING CONDITIONS

- Sand content: Max. 50 g/m³

MOTOR

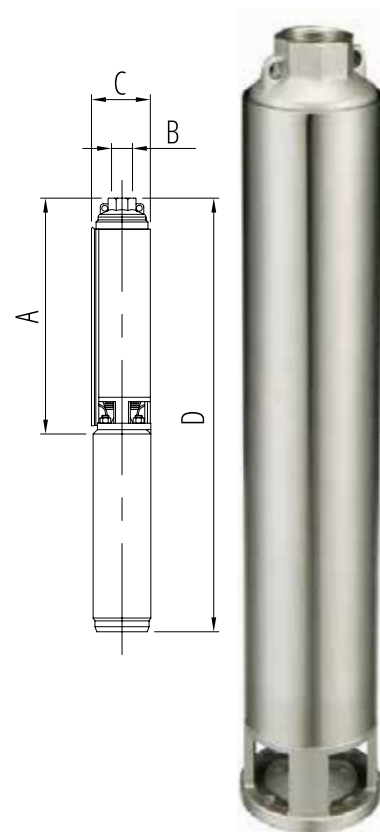
- Insulation Class F
- Protection IP68

MATERIALS

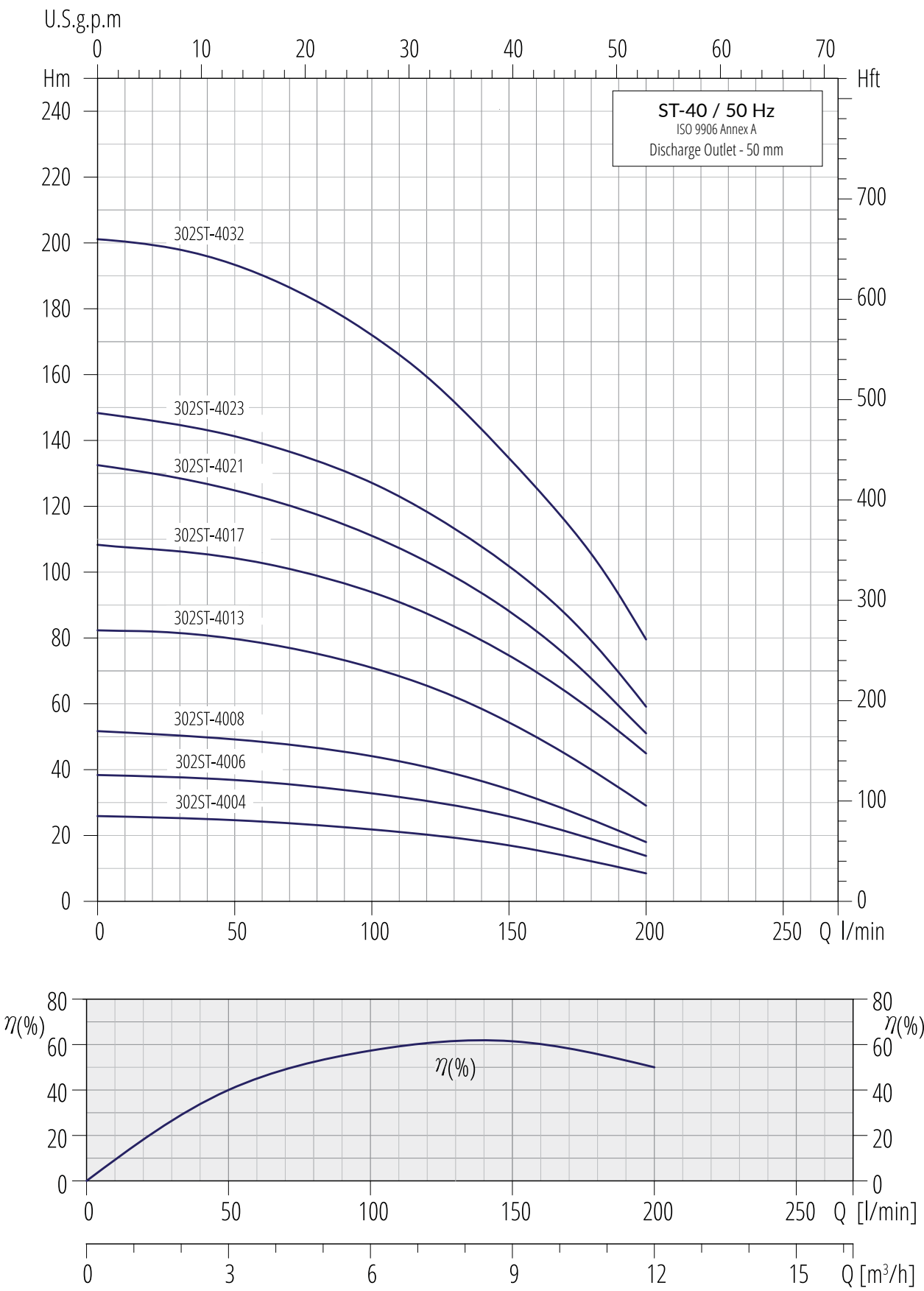
- Shaft - Hex 304 Stainless Steel
- Shaft Coupling - 304 Stainless Steel
- Impeller - Noryl
- Strainer - 304 Stainless Steel
- Discharge Head - 304 Stainless Steel

SINGLE-PHASE MOTORS				
TYPE	DIMENSIONS mm			
	A	B	C	D
302ST-4004	294	RP/ NPT 2"	98	674
302ST-4006	356		98	761
302ST-4008	418		98	858
302ST-4013	573		98	1068
302ST-4017	697		98	1304
302ST-4021	859		98	1542
302ST-4023	959		98	1642
302ST-4032	1276		98	N/A

THREE-PHASE MOTORS				
TYPE	DIMENSIONS mm			
	A	B	C	D
302ST-4004	294	RP/ NPT 2"	98	659
302ST-4006	356		98	736
302ST-4008	418		98	823
302ST-4013	573		98	1013
302ST-4017	697		98	1213
302ST-4021	859		98	N/A
302ST-4023	959		98	1566
302ST-4032	1276		98	1595



TYPE	MOTOR		Q = CAPACITY													
	P2		m³/h	4.2	4.8	5.4	6.0	7.2	8.4	9.6	10.8	12	13.2	PUMP	ELECTRO PUMP	
	kW	HP	ℓ/min	70	80	90	100	120	140	160	180	200	220	NET WEIGHT (kg)		
			Total head in meters w.c.													Single-phase
302ST-4004	0.75	1.0	H(m)	26	23	22	21	20	18	16	12	9	-	2.8	11.6	11
302ST-4006	1.1	1.5		38	35	34	33	31	28	24	19	14	-	3.4	13.4	12.3
302ST-4008	1.5	2		52	47	45	44	41	37	31	25	18	-	4	15.5	14
302ST-4013	2.2	3		82	75	73	71	66	59	50	40	30	-	5.5	19.5	17.1
302ST-4017	3.0	4		108	98	96	94	87	79	70	58	46	-	6.6	26	21.8
302ST-4021	3.7	5		132	117	114	111	103	93	82	68	52	-	7.8	30.5	N/A
302ST-4023	4.0	5.5		148	134	131	127	118	108	95	79	60	-	9.4	32.2	28.9
302ST-4032	5.5	7.5		202	182	178	172	160	143	125	105	80	-	12	N/A	35.1



ST-60 | SUBMERSIBLE BOREHOLE PUMPS



302ST-6007 • 302ST-6010 • 302ST-6014
302ST-6017 • 302ST-6019 • 302ST-6026

The Speroni submersible borehole pump range covers a wide range of pumping duties for agricultural and domestic applications. Floating type impellers require less starting torque and are less affected by sand or other abrasive materials. Pumps with less than 19 impellers are fitted with one shaft bearing and pumps with more than 19 impellers are fitted with two bearings.

APPLICATION

- Water supply
- Irrigation
- Pressure boosting

OPERATING CONDITIONS

- Sand content: Max. 50 g/m³

MOTOR

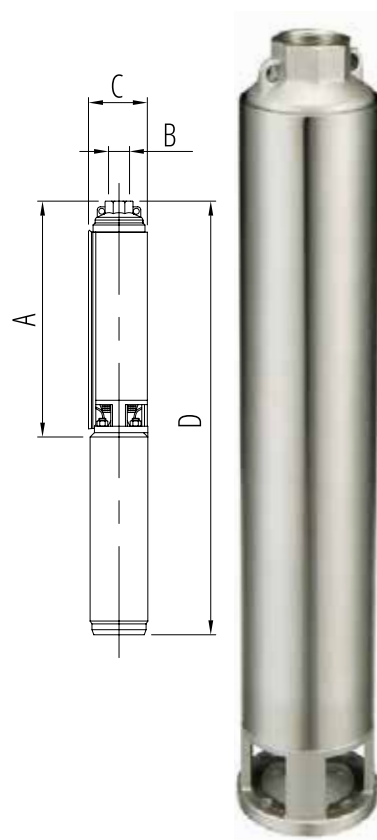
- Insulation Class F
- Protection IP68

MATERIALS

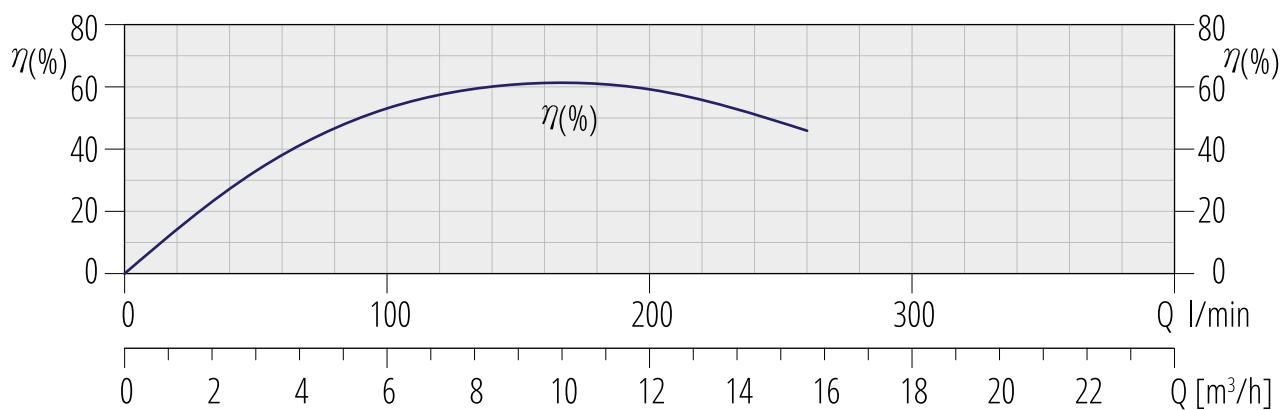
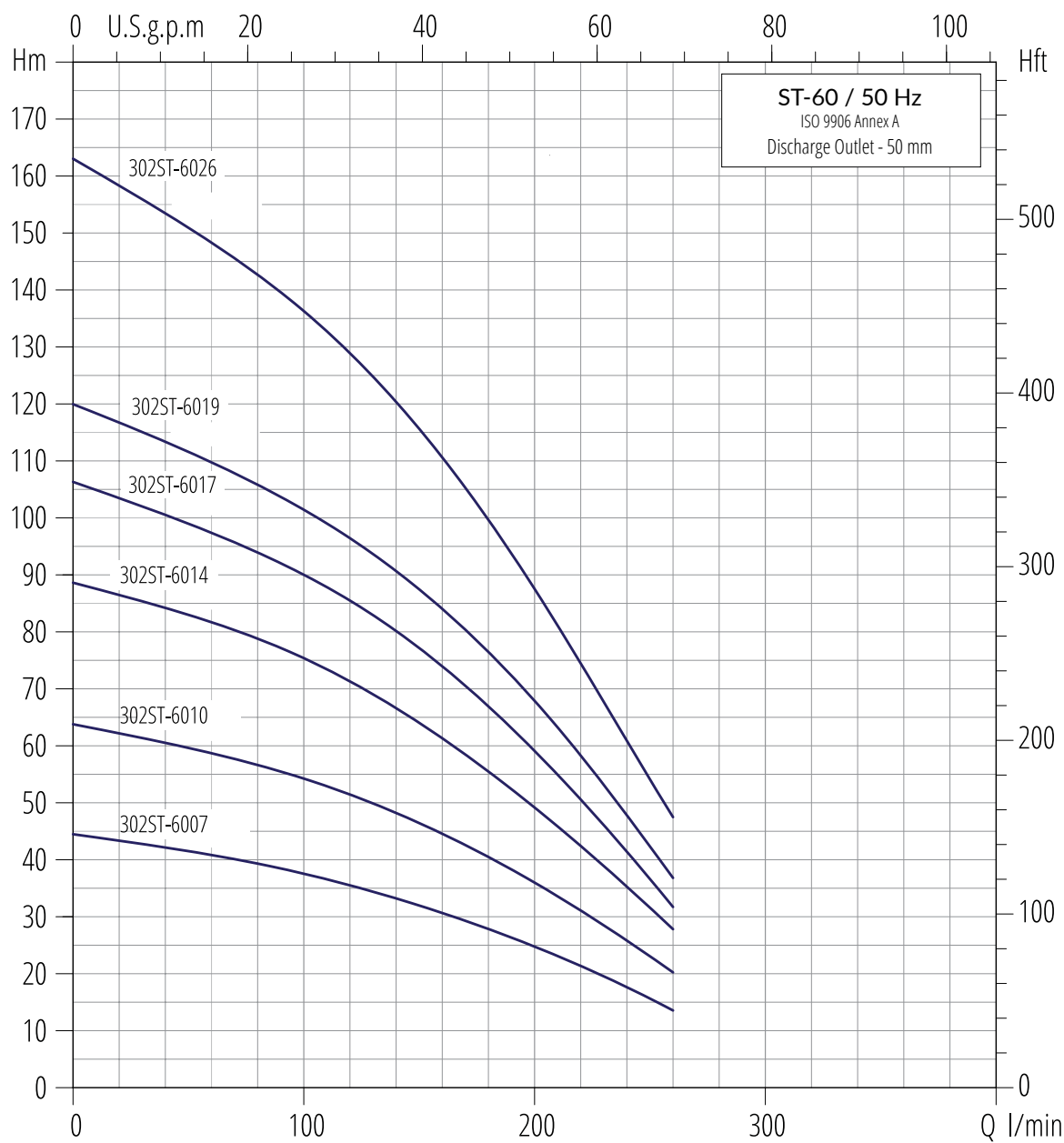
- Shaft - Hex 304 Stainless Steel
- Shaft Coupling - 304 Stainless Steel
- Impeller - Noryl
- Strainer - 304 Stainless Steel
- Discharge Head - 304 Stainless Steel

SINGLE-PHASE MOTORS				
TYPE	DIMENSIONS mm			
	A	B	C	D
302ST-6007	534	RP/ NPT 2"	98	974
302ST-6010	690		98	1185
302ST-6014	989		98	1596
302ST-6017	1092		98	1775
302ST-6019	1233		98	1916
302ST-6026	1597		98	N/A

THREE-PHASE MOTORS				
TYPE	DIMENSIONS mm			
	A	B	C	D
302ST-6007	534	RP/ NPT 2"	98	939
302ST-6010	690		98	1130
302ST-6014	989		98	1505
302ST-6017	1092		98	N/A
302ST-6019	1233		98	1840
302ST-6026	1597		98	2280



TYPE	MOTOR		Q = CAPACITY													PUMP	ELECTRO PUMP	
	P2		m³/h	5.4	6.0	7.2	8.4	9.6	10.8	12	13.2	14.4	15.6	16.8				
	kW	HP	ℓ/min	90	100	120	140	160	180	200	220	240	260	280	NET WEIGHT (kg)			
			Total head in meters w.c.															Single-phase
302ST-6007	1.5	2	H(m)	45	37	36	33	31	28	25	22	18	14	-	5.3	16.8	15.3	
302ST-6010	2.2	3		64	54	52	48	44	41	36	32	26	20	-	6.7	20.7	18.3	
302ST-6014	3	4		89	76	72	67	62	56	49	43	35	28	-	8.6	28.0	23.8	
302ST-6017	3.7	5		107	90	86	80	74	67	59	51	42	32	-	10.1	32.8	N/A	
302ST-6019	4	5.5		120	102	97	91	89	76	68	58	48	37	-	12.0	34.8	31.5	
302ST-6026	5.5	7.5		163	136	129	120	111	100	87	75	61	48	-	15.3	N/A	38.4	



ST-80 | SUBMERSIBLE BOREHOLE PUMPS



302ST-8008 • 302ST-8011 • 302ST-8013 • 302ST-8015 • 302ST-8020

The Speroni submersible borehole pump range covers a wide range of pumping duties for agricultural and domestic applications. Floating type impellers require less starting torque and are less affected by sand or other abrasive materials. Pumps with less than 19 impellers are fitted with one shaft bearing and pumps with more than 19 impellers are fitted with two bearings.

APPLICATION

- Water supply
- Irrigation
- Pressure boosting

OPERATING CONDITIONS

- Sand content: Max. 50 g/m³

MOTOR

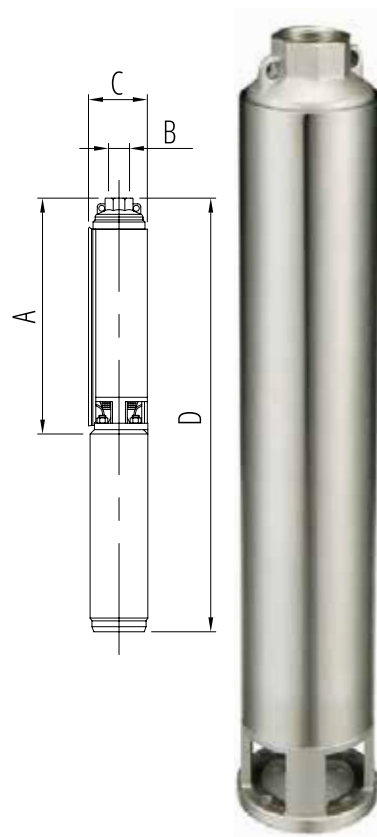
- Insulation Class F
- Protection IP68

MATERIALS

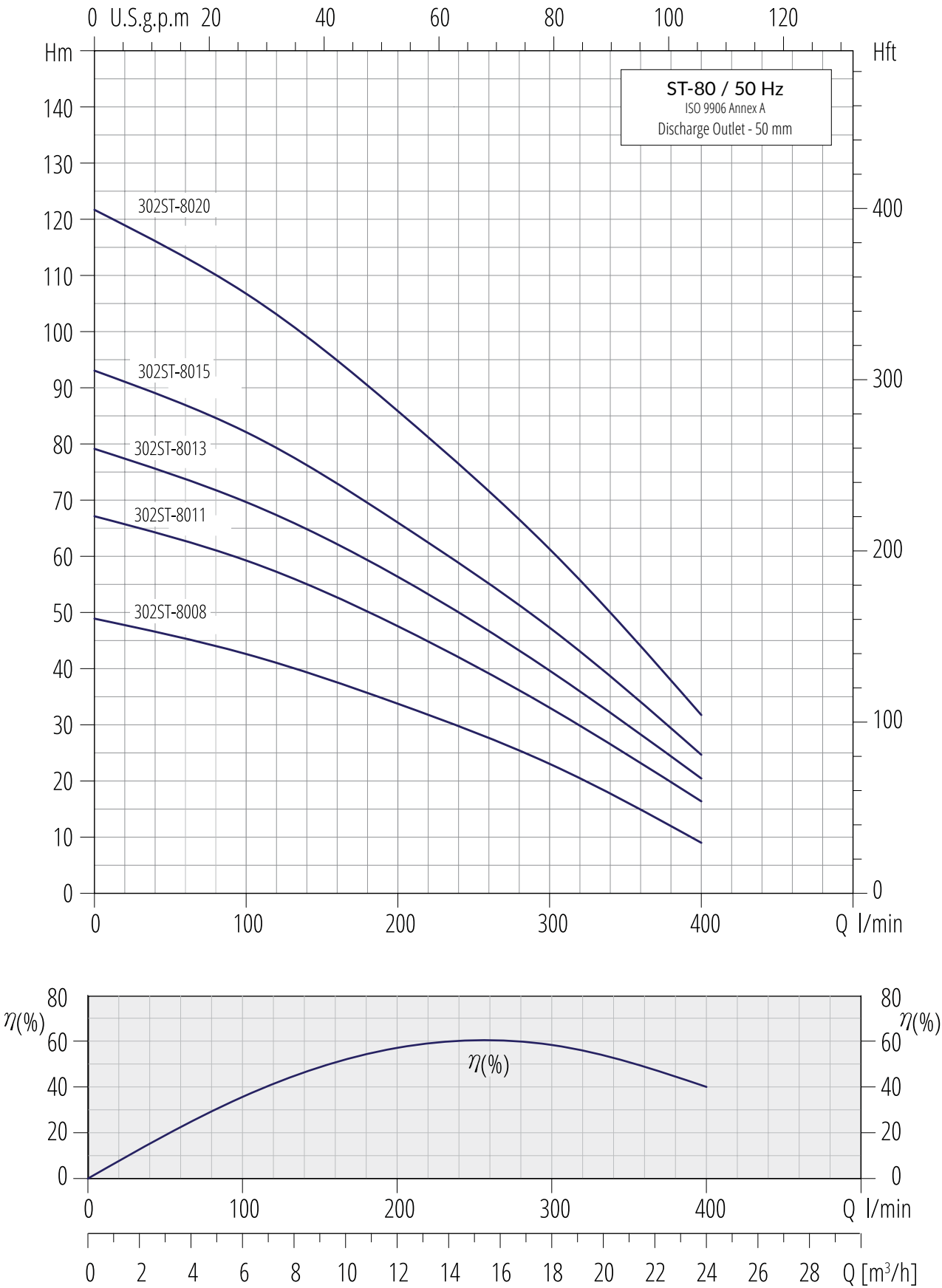
- Shaft - Hex 304 Stainless Steel
- Shaft Coupling - 304 Stainless Steel
- Impeller - Noryl
- Strainer - 304 Stainless Steel
- Discharge Head - 304 Stainless Steel

SINGLE-PHASE MOTORS				
TYPE	DIMENSIONS mm			
	A	B	C	D
302ST-8008	676	RP/ NPT 2"	98	1171
302ST-8011	880		98	1487
302ST-8013	1013		98	1696
302ST-8015	1149		98	1832
302ST-8020	1489		98	N/A

THREE-PHASE MOTORS				
TYPE	DIMENSIONS mm			
	A	B	C	D
302ST-8008	676	RP/ NPT 2"	98	1116
302ST-8011	880		98	1396
302ST-8013	1013		98	N/A
302ST-8015	1149		98	1756
302ST-8020	1489		98	2172



TYPE	MOTOR		Q = CAPACITY																			PUMP	ELECTRO PUMP	
	P2		m³/h	7.2	8.4	9.6	10.8	12	13.2	14.4	15.6	16.8	18	19.2	20.4	21.6	22.8	24	27					
	KW	HP	ℓ/min	120	140	160	180	200	220	240	260	280	300	320	340	360	380	400	450	NET WEIGHT (kg)				
			Total head in meters w.c.																		Single -phase	Three-phase		
302ST-8008	2.2	3	H(m)	49	39	38	36	34	32	30	28	25	23	20	18	15	12	9	-	6.3	20.3	17.9		
302ST-8011	3	4		67	55	53	50	48	45	42	39	36	33	30	27	23	20	16	-	8.1	27.5	23.3		
302ST-8013	3.7	5		79	65	62	59	56	53	50	47	43	40	36	32	28	24	20	-	9.3	32	N/A		
302ST-8015	4	5.5		93	76	73	70	66	62	59	55	51	47	43	39	34	29	25	-	10.5	33.3	30		
302ST-8020	5.5	7.5		122	99	95	90	86	81	76	72	67	61	56	50	44	38	32	-	13.5	N/A	36.6		



SP-90 | STAINLESS STEEL SUBMERSIBLE BOREHOLE PUMPS



302SP-9005 • 302SP-9007 • 302SP-9010 • 302SP-9013
302SP-9017 • 302SP-9020

The SP 6" stainless steel submersible pumps are made of high quality 304 or 316 corrosion resistant stainless steel. The pumps are designed for efficient and dependable performance. The pumps are light-weight and ruggedly constructed for heavy duty applications.

APPLICATION

- Potable water supply from deep wells
- Agricultural irrigation, livestock watering, etc.
- Municipal & industrial water supply
- Pressure boosting
- Mine de-watering
- Fountains

OPERATING CONDITIONS

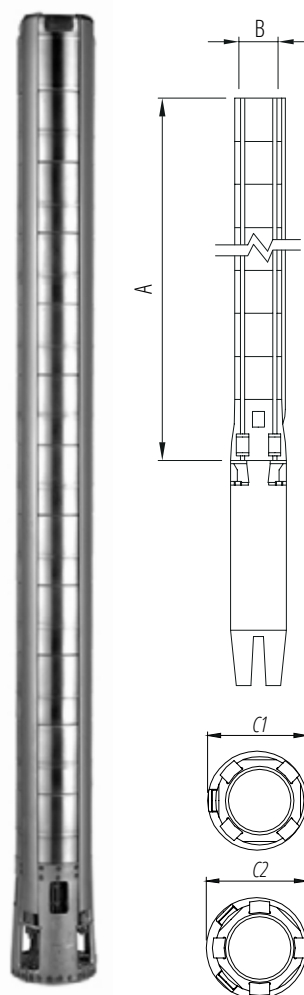
- Max ambient temperature (Liquid: 30°C)
- Sand content: Max. 50 g/m³

MOTOR

- Insulation Class F
- Protection IP68

MATERIALS

- Shaft - 431 Stainless Steel
- Discharge Head - Heavy Duty Stainless Steel
- Impeller - Heavy Duty Stainless Steel
- Strainer - Stainless Steel



SP-90 / 50 Hz

Discharge Outlet - 80 mm & 100 mm

TYPE	DIMENSIONS mm				WEIGHT kg
	A	B	C1	C2	
302SP-9001*	343	RP 2 1/2" NPT 3"	131	-	5.0
302SP-9002*	403		131	-	6.4
302SP-9004*	524		131	-	9.3
302SP-9005	585		131	-	10.8
302SP-9006*	645		131	-	12.2
302SP-9007	706		131	-	13.7
302SP-9010	887		131	-	18.0
302SP-9013	1069		142	142	22.4
302SP-9017	1311		142	142	28.2
302SP-9020	1492		142	142	32.5
302SP-9022*	1613		142	142	35.4
302SP-9024*	1734		142	142	38.3
302SP-9027*	1916		142	142	42.7
302SP-9029*	2037		142	142	45.6
302SP-9031*	2158		142	142	48.5
302SP-9033*	2279		142	142	51.4
302SP-9036*	2460		142	142	55.7
302SP-9038*	2581		142	142	58.6
302SP-9040*	2702		142	142	61.5

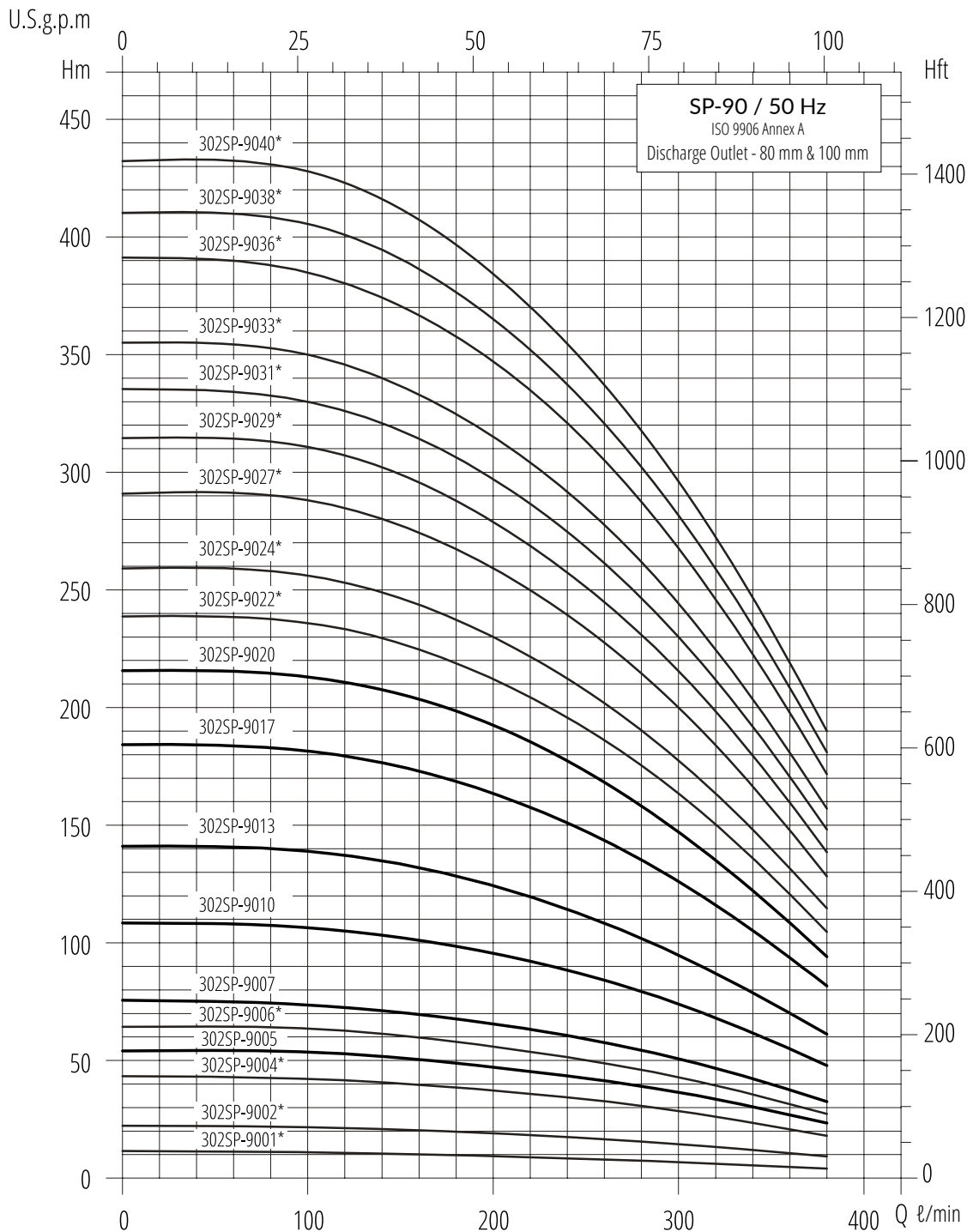
C1 - Maximum diameter of pump with one motor cable
C2 - Maximum diameter of pump with two motor cable

* Non-Stock item: Special order required

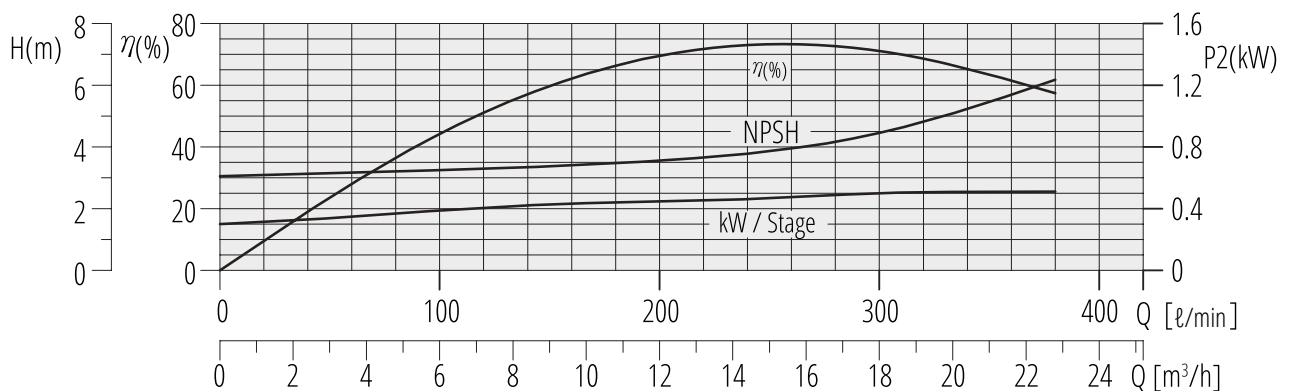
TYPE	MOTOR		MAX. CURRENT		Q = CAPACITY - 2900 rpm								
	P2		AMPERE		m³/h	3	6	9	12	15	18	21	23
	KW	HP	220 V	380 V	ℓ/min	50	100	150	200	250	300	350	383
					Total head in meters w.c.								
302SP-9001*	0.55	0.75	2.6	1.5	H(m)	11.5	11	10.5	9.5	8	7	6	4
302SP-9002*	1.1	1.5	5.2	3.0		22	21.5	20	19	17.5	14	12	9
302SP-9004*	2.2	3	9.5	5.5		42.5	42	40	38	33	28.5	23	18
302SP-9005	3	4	13.3	7.7		53	52	50.5	47.5	42.5	37	28.5	22
302SP-9006*	3.7	5	15.4	8.9		64	63	60	56	50	43	34	27
302SP-9007	4	5.5	17	10.4		75	74	70	66	59	50.5	40	32
302SP-9010	5.5	7.5	22.2	12.8		108	107	102	95	86	74	58	48
302SP-9013	7.5	10	28.5	16.5		141	139	133	124	112	95	75	60
302SP-9017	9.3	12.5	36	20.9		184	182	175	163	147	126	100	80
302SP-9020	11	15	41.8	24.2		216	213	206	192	173	147	116	95
302SP-9022*	13	17.5	50	29		239	137	228	212	190	163	129	105
302SP-9024*	13	17.5	50	29		260	257	27	230	208	178	140	115
302SP-9027*	15	20	55	32		291	288	277	259	234	200	158	128
302SP-9029*	18.5	25	69	40		314	311	300	279	250	215	170	138
302SP-9031*	18.5	25	69	40		335	330	318	298	269	230	181	148
302SP-9033*	18.5	25	69	40		355	350	337	315	285	243	191	157
302SP-9036*	22	30	81	47		390	385	371	348	313	268	210	170
302SP-9038*	22	30	81	47		410	405	390	365	330	281	222	180
302SP-9040*	22	30	81	47		433	428	412	384	346	296	235	190

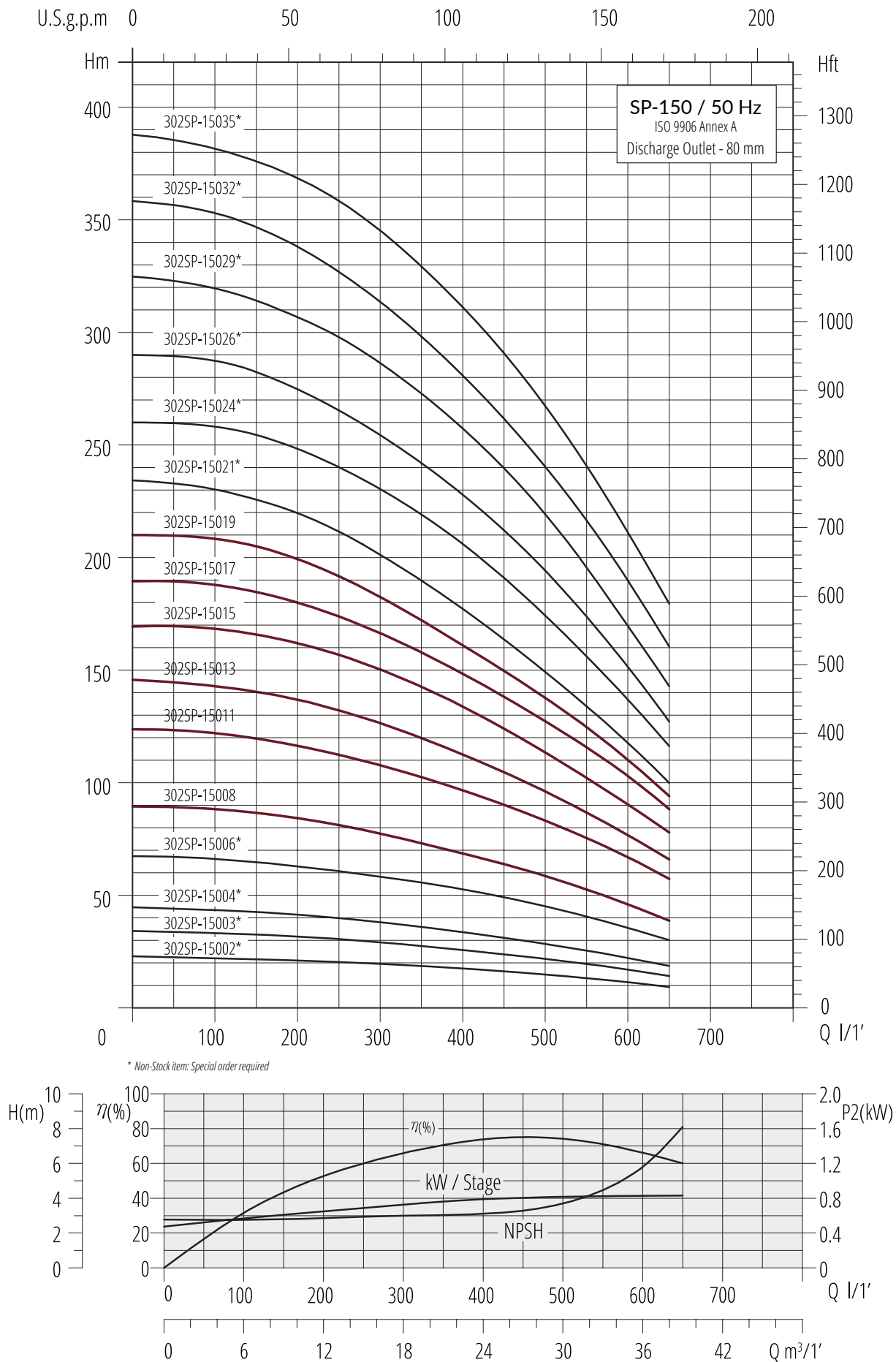
- 5.5 kW / 7.5 kW - 6" Motor mount bracket

* Non-Stock item: Special order required



* Non-Stock item: Special order required





SP-230 | STAINLESS STEEL SUBMERSIBLE BOREHOLE PUMPS



302SP-23005 • 302SP-23007 • 302SP-23010 • 302SP-23012
302SP-23015 • 302SP-23017 • 302SP-23019

The SP 6" stainless steel submersible pumps are made of high quality 304 or 316 corrosion resistant stainless steel. The pumps are designed for efficient and dependable performance. The pumps are light-weight and ruggedly constructed for heavy duty applications.

APPLICATION

- Potable water supply from deep wells
- Agricultural irrigation, livestock watering, etc.
- Municipal & industrial water supply
- Pressure boosting
- Mine de-watering
- Fountains

OPERATING CONDITIONS

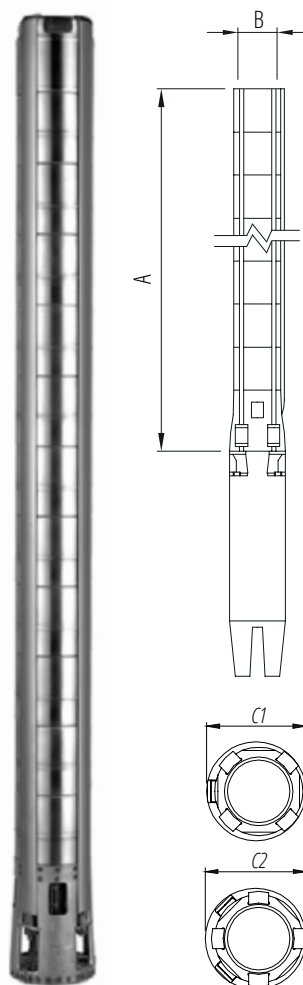
- Max ambient temperature (Liquid: 30°C)
- Sand content: Max. 50 g/m³

MOTOR

- Insulation Class F
- Protection IP68

MATERIALS

- Shaft - 431 Stainless Steel
- Discharge Head - Heavy Duty Stainless Steel
- Impeller - Heavy Duty Stainless Steel
- Strainer - Stainless Steel



SP-230 / 50 Hz

Discharge Outlet - 80 mm & 100 mm

TYPE	DIMENSIONS mm				WEIGHT
	A	B	C1	C2	kg
302SP-23002*	496	NPT/ RP 3"	146	-	9.2
302SP-23003*	609		146	-	11.5
302SP-23003*	609		146	-	11.5
302SP-23004*	722		146	-	13.8
302SP-23005	835		149	152	16.0
302SP-23007	1061		149	152	20.6
302SP-23008*	1174		149	152	22.9
302SP-23010	1400		149	152	27.4
302SP-23012	1626		149	152	32.0
302SP-23015	1965		149	152	38.8
302SP-23017	2191		149	152	43.4
302SP-23019	2417		149	152	47.9
302SP-23022*	2756		149	152	54.8
302SP-23024*	2982		149	152	59.3

C1 - Maximum diameter of pump with one motor cable

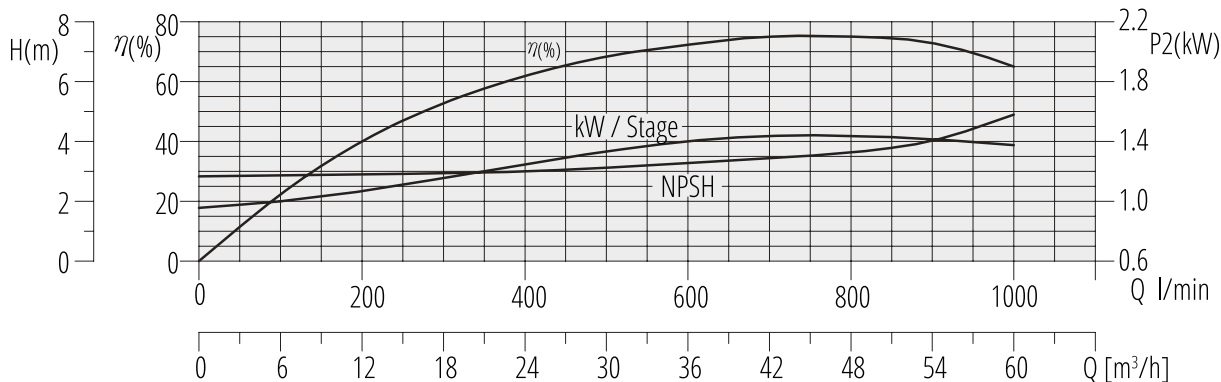
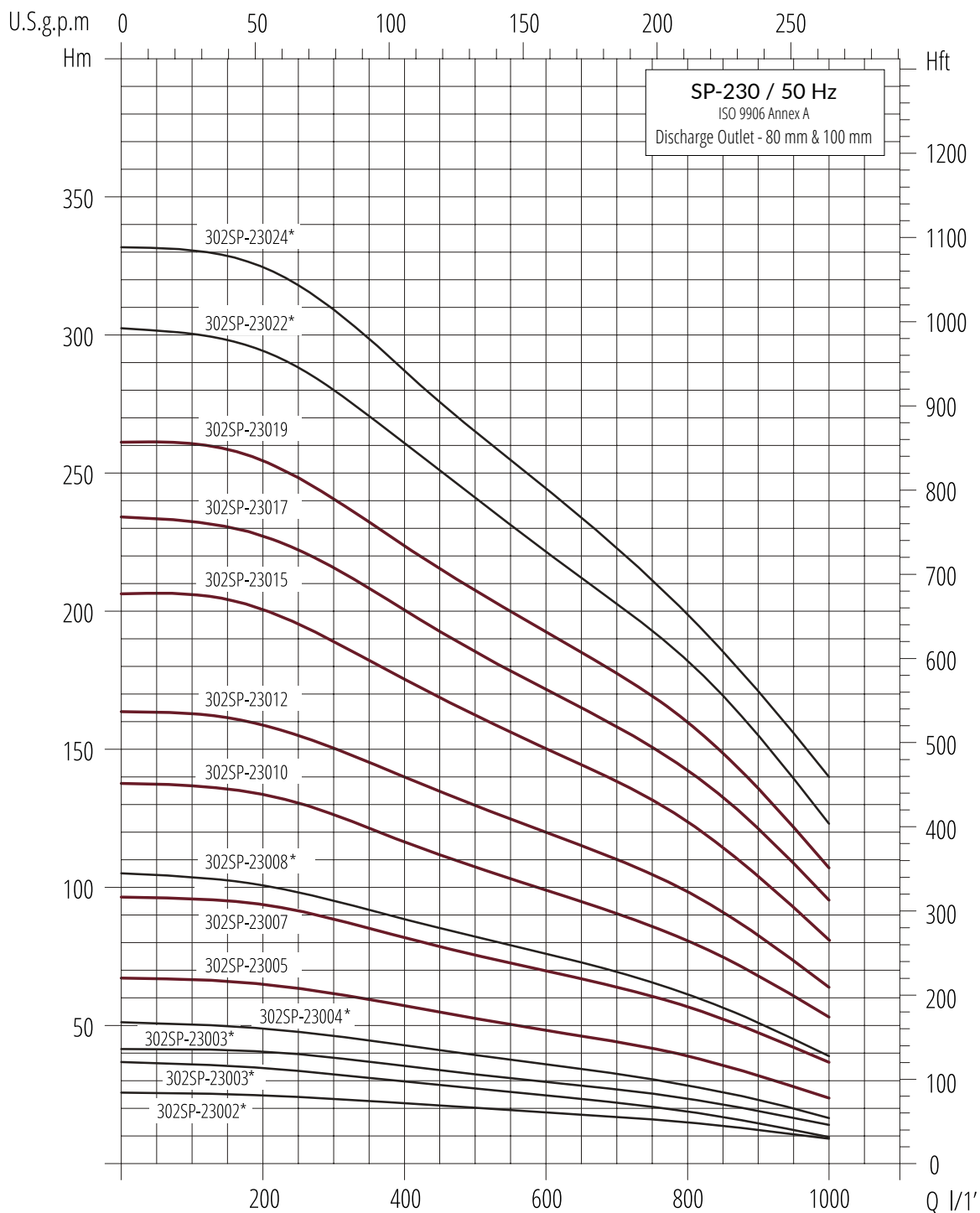
C2 - Maximum diameter of pump with two motor cable

* Non-Stock item: Special order required

TYPE	MOTOR		MAX. CURRENT		Q = CAPACITY - 2900 rpm												
	P2		AMPERE		m ³ /h	12	15	18	21	24	27	30	36	42	48	54	60
	kW	HP	220 V	380 V	ℓ/min	200	250	300	350	400	450	500	600	700	800	900	1000
					Total head in meters w.c.												
302SP-23002*	3	4	13.3	7.7	H(m)	24	23.5	23	22.5	22	21	20	18	17	15	12	9
302SP-23003*	3.7	5	15.4	8.9		35	34	32	31	29	28	27	24	22	19	14	10
302SP-23003*	5.5	7.5	22.2	12.8		40	39	38	37	35	34	33	29	27	23	18	14
302SP-23004*	5.5	7.5	22.2	12.8		49	47	46	45	43	41	39	36	32	28	23	17
302SP-23005	7.5	10	28.5	16.5		65	63	61	59	57	55	53	48	44	39	32	24
302SP-23007	11	15	41.8	24.2		94	92	88	85	82	79	76	70	64	57	47	37
302SP-23008*	11	15	41.8	24.2		100	98	95	92	88	85	82	76	69	61	51	39
302SP-23010	15	20	55	32		133	130	127	122	117	112	107	98	90	80	67	53
302SP-23012	18.5	25	69	40		158	155	150	145	140	135	130	120	110	98	83	64
302SP-23015	22	30	81	47		200	195	189	183	176	169	163	150	138	124	103	81
302SP-23017	26	35	96	56		227	222	215	208	200	193	186	172	158	143	121	96
302SP-23019	30	40	111	64		254	248	241	233	224	216	208	193	178	160	136	107
302SP-23022*	37	50	138	80		294	288	280	270	260	251	241	222	203	183	155	123
302SP-23024*	37	50	138	80		325	317	309	298	287	276	265	244	223	199	171	140

- 5.5 kW / 7.5 kW - 6" Motor mount bracket

* Non-Stock item: Special order required



SP-300 | STAINLESS STEEL SUBMERSIBLE BOREHOLE PUMPS



302SP-30005 • 302SP-30006 • 302SP-30008 • 302SP-30010
302SP-30012 • 302SP-30014 • 302SP-30016

SP-300 / 50 Hz

Discharge Outlet - 80 mm & 100 mm

The SP 6" stainless steel submersible pumps are made of high quality 304 or 316 corrosion resistant stainless steel. The pumps are designed for efficient and dependable performance. The pumps are light-weight and ruggedly constructed for heavy duty applications.

APPLICATION

- Potable water supply from deep wells
- Agricultural irrigation, livestock watering, etc.
- Municipal & industrial water supply
- Pressure boosting
- Mine de-watering
- Fountains

OPERATING CONDITIONS

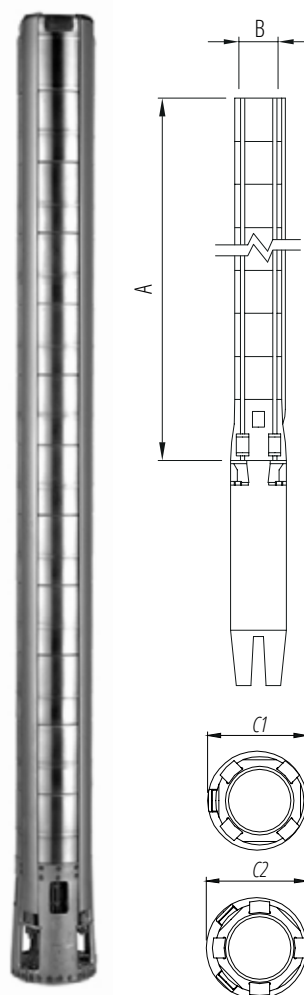
- Max ambient temperature (Liquid: 30°C)
- Sand content: Max. 50 g/m³

MOTOR

- Insulation Class F
- Protection IP68

MATERIALS

- Shaft - 431 Stainless Steel
- Discharge Head - Heavy Duty Stainless Steel
- Impeller - Heavy Duty Stainless Steel
- Strainer - Stainless Steel



TYPE	DIMENSIONS mm				WEIGHT kg
	A	B	C1	C2	
302SP-30001*	383	NPT/ RP 3" or 4"	146	-	6.9
302SP-30002*	496		146	-	9.2
302SP-30003*	609		146	-	11.5
302SP-30004*	722		149	152	13.7
302SP-30005	835		149	152	16.0
302SP-30006	948		149	152	18.3
302SP-30007*	1061		149	152	20.6
302SP-30008	1174		149	152	22.9
302SP-30009*	1287		149	152	25.1
302SP-30010	1400		149	152	27.4
302SP-30011*	1513		149	152	29.7
302SP-30012	1626		149	152	32.0
302SP-30013	1739		149	152	34.3
302SP-30014	1852		149	152	36.5
302SP-30015*	1965		149	152	38.8
302SP-30016	2078		149	152	41.1
302SP-30017*	2191		149	152	43.4
302SP-30018*	2304		149	152	45.7
302SP-30020*	2530		149	152	50.2

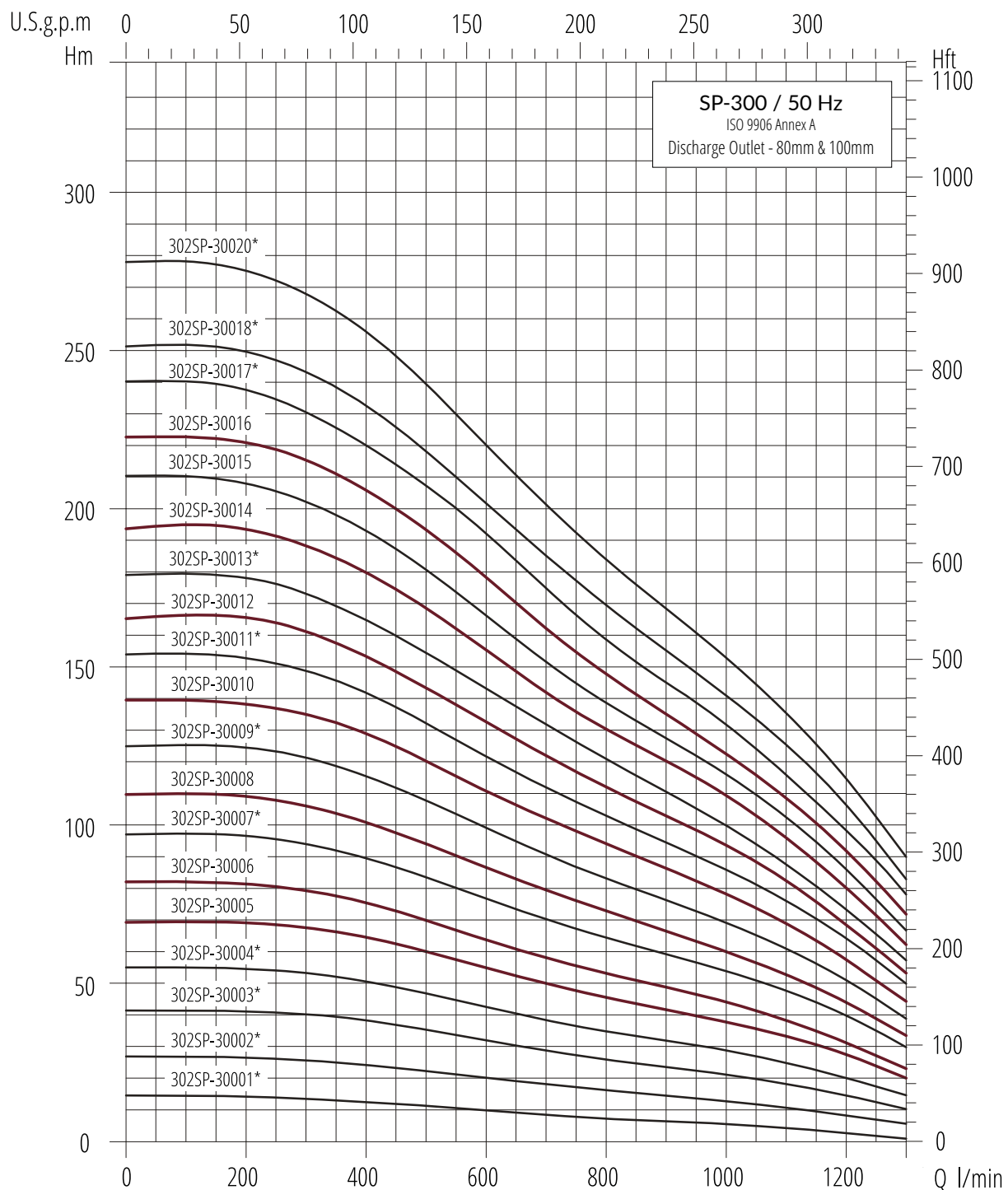
C1 - Maximum diameter of pump with one motor cable
C2 - Maximum diameter of pump with two motor cable

* Non-Stock item: Special order required

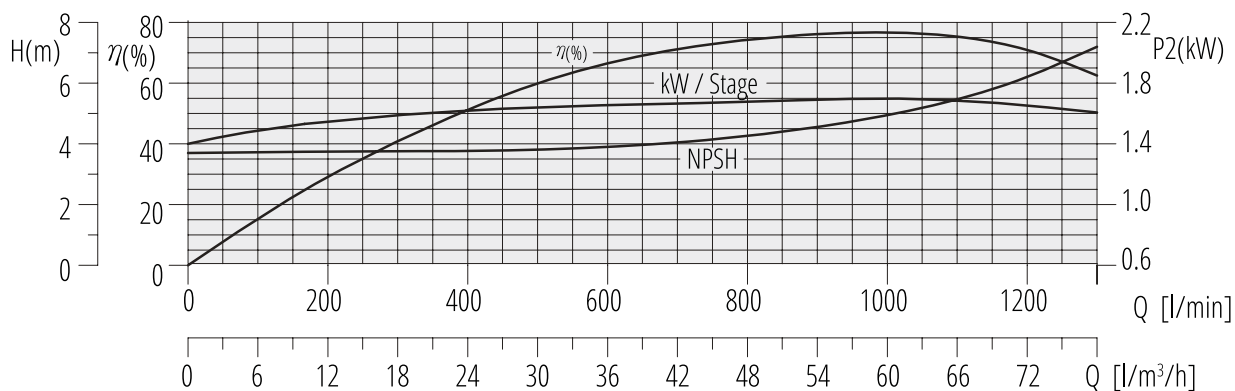
TYPE	MOTOR		MAX. CURRENT		Q = CAPACITY - 2900 rpm													
	P2		AMPERE		m³/h	18	21	24	27	30	36	42	48	54	60	66	72	78
	kW	HP	220 V	380 V	ℓ/min	300	350	400	450	500	600	700	800	900	1000	1100	1200	1300
Total head in meters w.c.																		
302SP-30001*	2.23	3	9.5	5.5	H(m)	13	12.5	12	11.5	11	10	8	7	6	5	4	2	1
302SP-30002*	4	5.5	15.4	8.9		26	25	24	23	22	20	18	16	14	13	11	8	5
302SP-30003*	5.5	7.5	22.2	12.8		40	39	38	37	36	32	28	26	24	21	18	14	10
302SP-30004*	7.5	10	28.5	16.5		53	52	51	48	47	43	38	35	32	28	25	20	14
302SP-30005	9.3	12.5	36	20.9		67	66	64	62	60	55	50	46	42	38	33	27	19
302SP-30006	11	15	41.8	24.2		79	78	76	73	70	64	58	53	48	44	38	32	23
302SP-30007*	13	17.5	50	29		94	92	89	86	84	77	70	64	59	54	47	40	29
302SP-30008	15	20	55	32		106	104	101	97	94	87	80	73	67	60	53	44	33
302SP-30009*	18.5	25	69	40		122	118	116	112	108	99	91	83	76	69	61	51	38
302SP-30010	18.5	25	69	40		135	132	128	125	120	111	102	95	87	78	68	57	45
302SP-30011*	22	30	81	47		148	146	142	137	132	122	112	103	95	86	76	64	49
302SP-30012	22	30	81	47		162	157	153	148	143	133	122	112	103	94	83	68	53
302SP-30013*	26	35	96	56		173	169	165	160	155	143	132	121	110	100	87	73	57
302SP-30014	26	35	96	56		188	184	180	175	168	156	142	130	120	109	96	80	63
302SP-30015*	26	35	96	56		203	197	193	187	180	166	152	138	127	116	103	86	67
302SP-30016	30	40	111	64		216	211	206	200	193	178	162	148	135	123	108	92	72
302SP-30017*	37	50	138	80		230	226	220	214	207	192	175	158	145	132	116	97	78
302SP-30018*	37	50	138	80		243	238	233	226	218	202	185	170	155	141	126	107	83
302SP-30020*	37	50	138	80		267	263	256	248	239	220	201	184	168	153	136	115	90

- 5.5 kW / 7.5 kW - 6" Motor mount bracket

* Non-Stock item: Special order required



* Non-Stock item: Special order required



ST-5P | SUBMERSIBLE PUMPS 100 MM

302ST-05P10 • 302ST-05P13 • 302ST-05P19

Impellers are floating type made of Noryl® for a superior sand handling. Together with glass filled polycarbonate diffusers make the super strong pumps for maximum wear and abrasive resistance.

APPLICATION

- Water supply
- Agricultural irrigation
- Pressure boosting

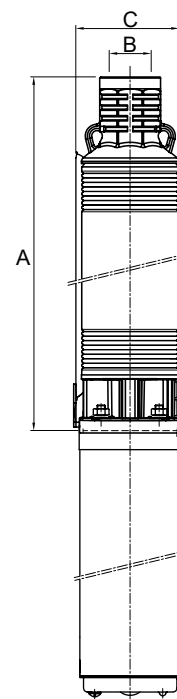
OPERATING CONDITIONS

- Rated speed - 2850 rpm
- Delivery - 6.6 m³/h
- Head - 139 m
- Sand content - 150 g/m³
- Motor power - 0.37 kW – 0.55 kW

MATERIALS

- Discharge head - Noryl
- Check valve - POM
- Bearing spider - Glass Filled Polycarbonate
- Diffuser - Glass Filled Polycarbonate
- Bowl - AISI 304 Stainless Steel
- Impeller - Noryl
- Strainer - Polypropylene
- Pump casing - AISI 304 Stainless Steel
- Shaft sleeve - AISI 304 Stainless Steel

PUMP TYPE	DIMENSIONS (mm)			N.W (kg)
	A	B	C	
302ST-05P10	324	RP or NPT 1 1/4"	98	3.3
302ST-05P13	377		98	3.3
302ST-05P19	481		98	4.7



PUMP TYPE	MOTOR		Q = DELIVERY					
			ℓ/min 0	5	10	15	20	25
	kW	HP	m³/h 0	0.3	0.6	0.9	1.2	1.5
			H = TOTAL HEAD IN METERS					
302ST-05P10	0.37	0.5	67	63	65	46	33	18
302ST-05P13	0.37	0.5	86	78	70	56	42	23
302ST-05P19	0.55	0.75	126	118	105	86	60	30

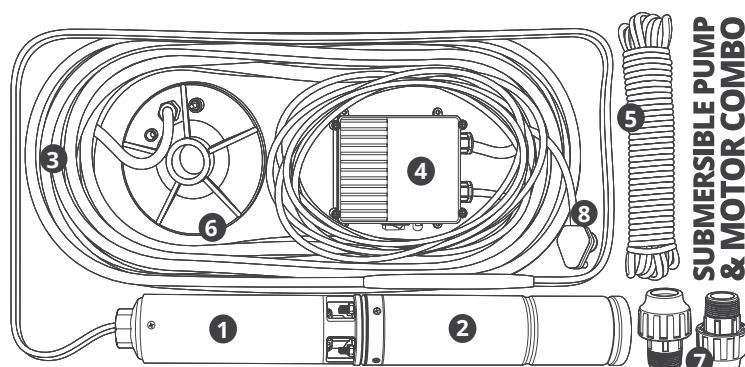
SUBMERSIBLE PUMP COMBO 0.37 kW

302ST-05P13C

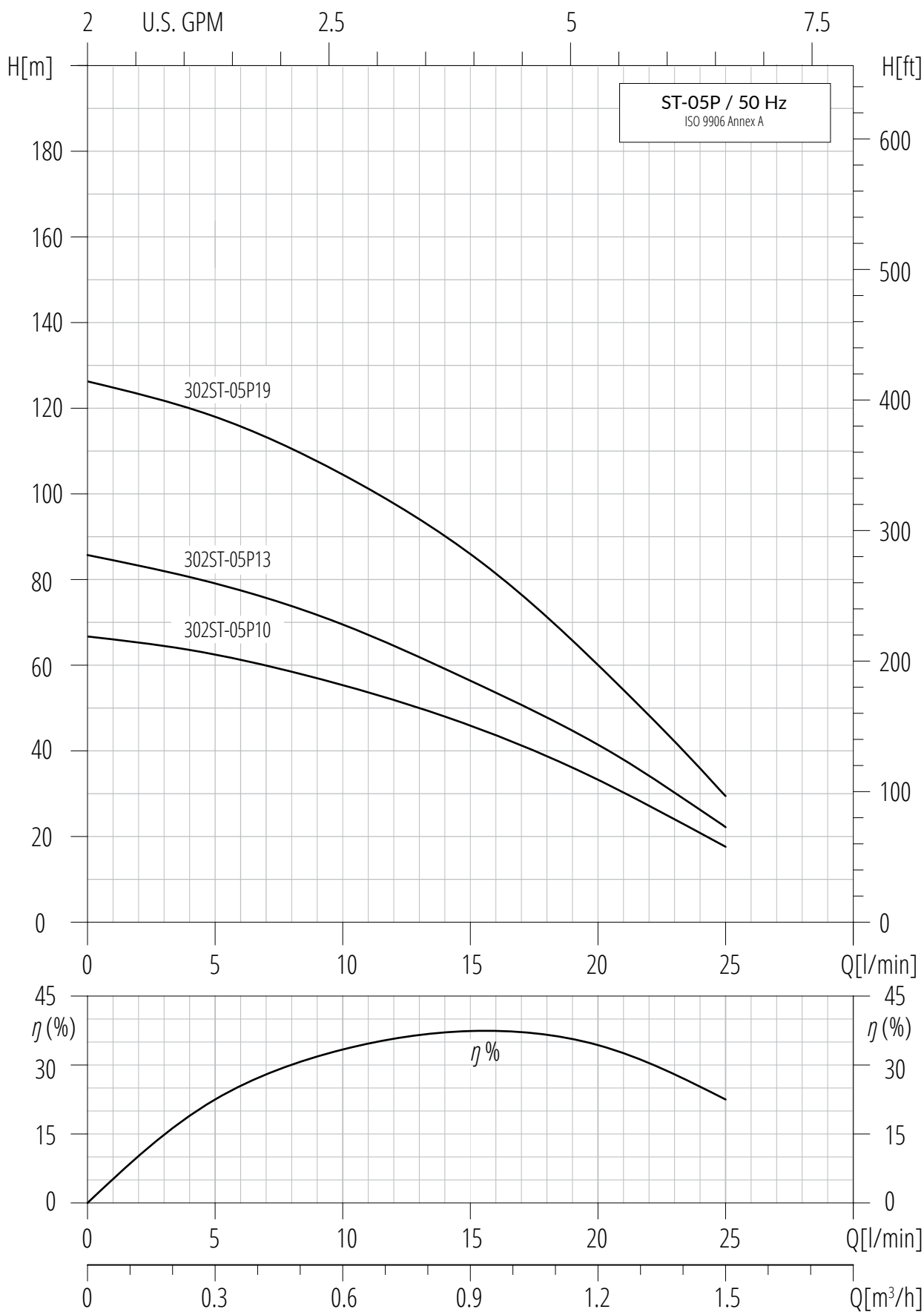
Speroni and Stairs submersible pump combo pack. The Speroni ST-P Submersible Borehole pump range covers a wide range of pumping duties for agricultural and domestic applications. Floating NORYL type impellers require less starting torque and are less affected by sand or other abrasive materials. The discharge head and motor adaptor are made from Noryl for superior strength and durability.

- 1 - 302ST-05P13 Stairs Submersible Pump
- 2 - Stairs 230 V Submersible Motor
- 3 - 50 m Submersible Cable
- 4 - Control Box
- 5 - Rope
- 6 - HDPE Base Plate 32 mm
- 7 - 2 x Compression Male Adaptors 40 mm x 1-1/4"
- 8 - 5 m Cabtyre & 3 Point Plug

Everything is pre-assembled, cabled jointed to the motor, only the 32 mm HDPE pipe must be supplied for installation. To be installed at a maximum depth of 50 m.



****Not included in kit: 32 mm pipe, inducer sleeve, above ground fittings**



ST-10P | SUBMERSIBLE PUMPS 100 MM

302ST-10P07 • 302ST-10P10 • 302ST-10P14 • 302ST-10P20



Impellers are floating type made of Noryl® for a superior sand handling. Together with glass filled polycarbonate diffusers make the super strong pumps for maximum wear and abrasive resistance.

APPLICATION

- Water supply
- Agricultural irrigation
- Pressure boosting

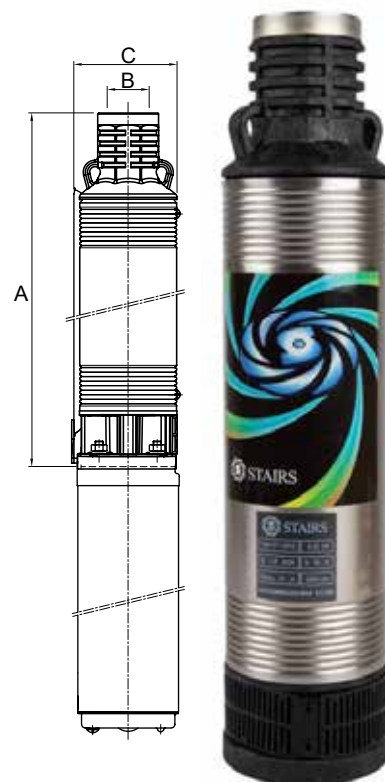
OPERATING CONDITIONS

- Rated speed - 2850 rpm
- Delivery - 6.6 m³/h
- Head - 139 m
- Sand content - 150 g/m³
- Motor power - 0.37 kW – 1.1 kW

MATERIALS

- Discharge head - Noryl
- Check valve - POM
- Bearing spider - Glass Filled Polycarbonate
- Diffuser - Glass Filled Polycarbonate
- Bowl - AISI 304 Stainless Steel
- Impeller - Noryl
- Strainer - Polypropylene
- Pump casing - AISI 304 Stainless Steel
- Shaft sleeve - AISI 304 Stainless Steel

PUMP TYPE	DIMENSIONS (mm)			N.W (kg)
	A	B	C	
302ST-10P07	344	RP or NPT 1 1/4"	98	2.8
302ST-10P10	397		98	3.3
302ST-10P14	467		98	3.9
302ST-10P20	573		98	4.9



PUMP TYPE	MOTOR		Q = DELIVERY								
			ℓ/min 0	15	20	25	30	35	40	45	50
	kW	HP	m³/h 0	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0
			H = TOTAL HEAD IN METERS								
302ST-10P07	0.37	0.5	46	43	42	39	36	33	29	26	22
302ST-10P10	0.55	0.75	67	64	61	58	54	49	43	36	28
302ST-10P14	0.75	1.0	92	86	83	79	74	67	60	52	42
302ST-10P20	1.1	1.5	139	131	127	120	111	101	90	75	60

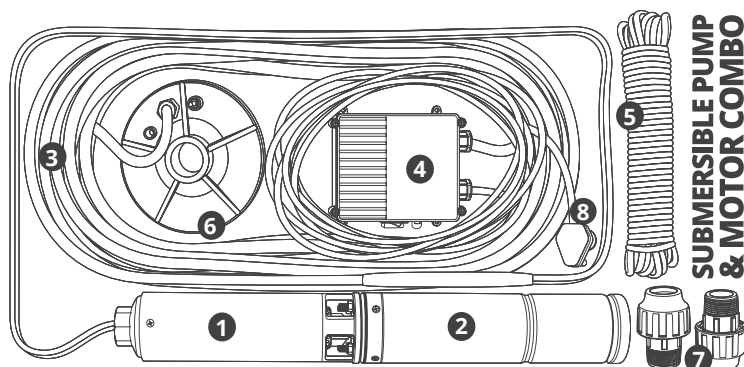
SUBMERSIBLE PUMP COMBO 0.55 kW

302ST-10P10C

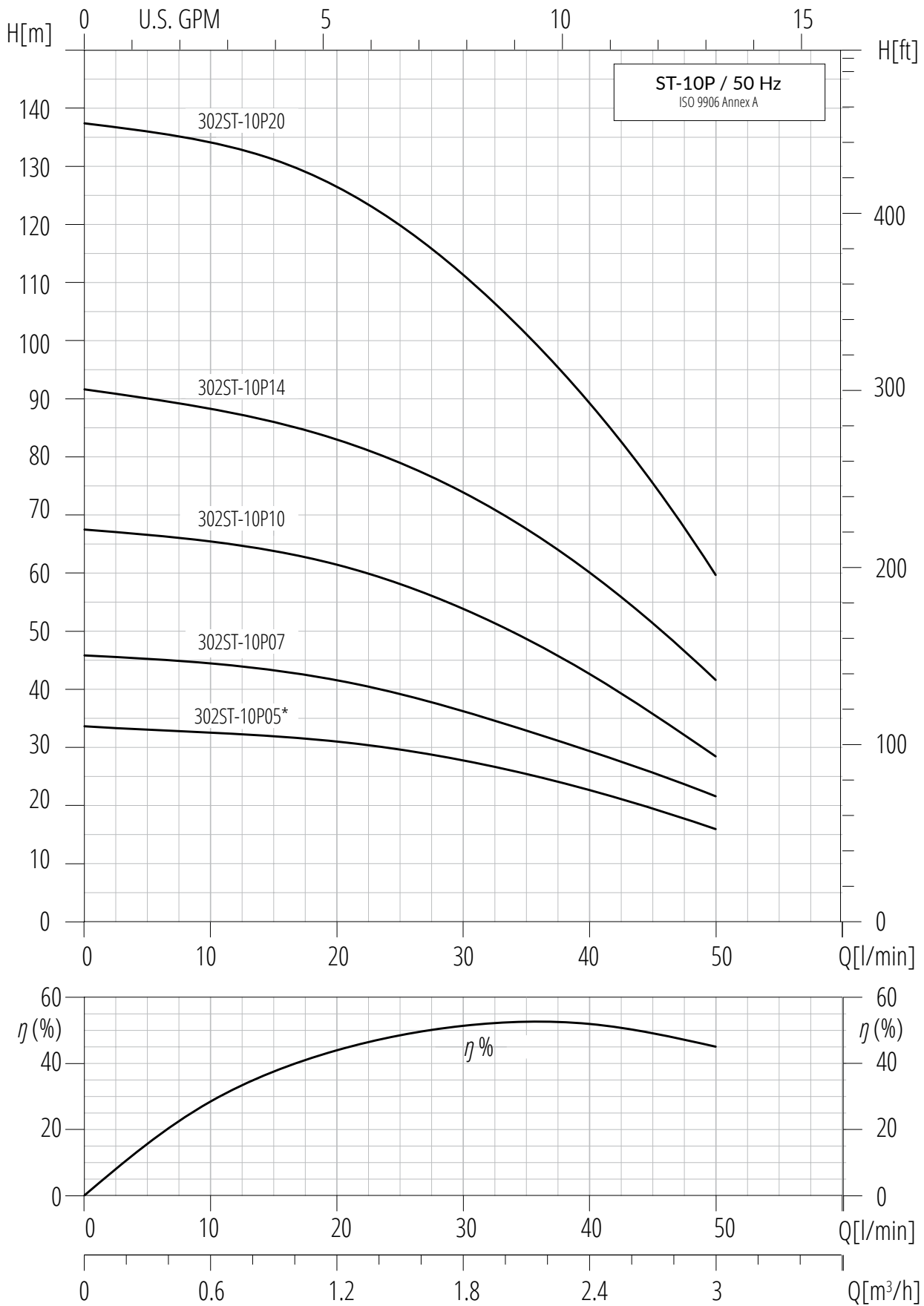
Speroni and Stairs submersible pump combo pack. The Speroni ST-P Submersible Borehole pump range covers a wide range of pumping duties for agricultural and domestic applications. Floating NORYL type impellers require less starting torque and are less affected by sand or other abrasive materials. The discharge head and motor adaptor are made from Noryl for superior strength and durability.

- 1 - 3302ST-10P10 Stairs Submersible Pump
- 2 - Stairs 230 V Submersible Motor
- 3 - 50 m Submersible Cable
- 4 - Control Box
- 5 - Rope
- 6 - HDPE Base Plate 32 mm
- 7 - 2 x Compression Male Adaptors 40 mm x 1-1/4"
- 8 - 5 m Cabtyre & 3 Point Plug

Everything is pre-assembled, cabled jointed to the motor, only the 32 mm HDPE pipe must be supplied for installation. To be installed at a maximum depth of 50 m.



****Not included in kit: 32 mm pipe, inducer sleeve, above ground fittings**



ST-13P | SUBMERSIBLE PUMPS 100 MM

302ST-13P05 • 302ST-13P08 • 302ST-13P11 • 302ST-13P16

Impellers are floating type made of Noryl® for a superior sand handling. Together with glass filled polycarbonate diffusers make the super strong pumps for maximum wear and abrasive resistance.

APPLICATION

- Water supply
- Agricultural irrigation
- Pressure boosting

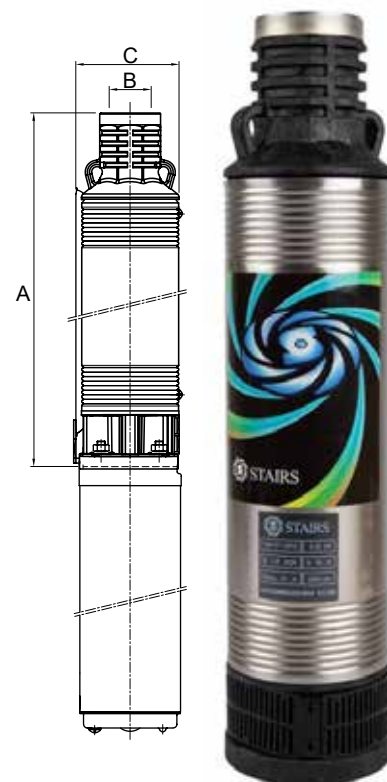
OPERATING CONDITIONS

- Rated speed - 2850 rpm
- Delivery - 6.6 m³/h
- Head - 139 m
- Sand content - 150 g/m³
- Motor power - 0.37 kW – 1.1 kW

MATERIALS

- Discharge head - Noryl
- Check valve - POM
- Bearing spider - Glass Filled Polycarbonate
- Diffuser - Glass Filled Polycarbonate
- Bowl - AISI 304 Stainless Steel
- Impeller - Noryl
- Strainer - Polypropylene
- Pump casing - AISI 304 Stainless Steel
- Shaft sleeve - AISI 304 Stainless Steel

PUMP TYPE	DIMENSIONS (mm)			N.W (kg)
	A	B	C	
302ST-13P05	309	RP or NPT 1 1/4"	98	2.5
302ST-13P08	362		98	2.9
302ST-13P11	414		98	3.4
302ST-13P16	503		98	4.2



PUMP TYPE	MOTOR		Q = DELIVERY									
			ℓ/min 0	20	25	30	35	40	45	50	60	70
	kW	HP	m ³ /h 0	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.6	4.2
			H = TOTAL HEAD IN METERS									
302ST-13P05	0.37	0.5	34	32	31	30	29	27	25	23	18	11
302ST-13P08	0.55	0.75	54	51	50	49	46	43	41	38	30	19
302ST-13P11	0.75	1.0	72	68	66	64	61	58	54	49	38	26
302ST-13P16	1.1	1.5	106	101	98	95	89	83	77	70	54	33

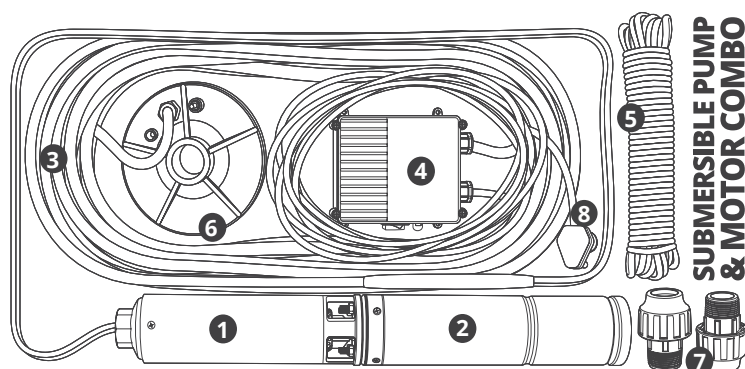
SUBMERSIBLE PUMP COMBO 1.1 kW

302ST-13P11C • 302ST-13P16C

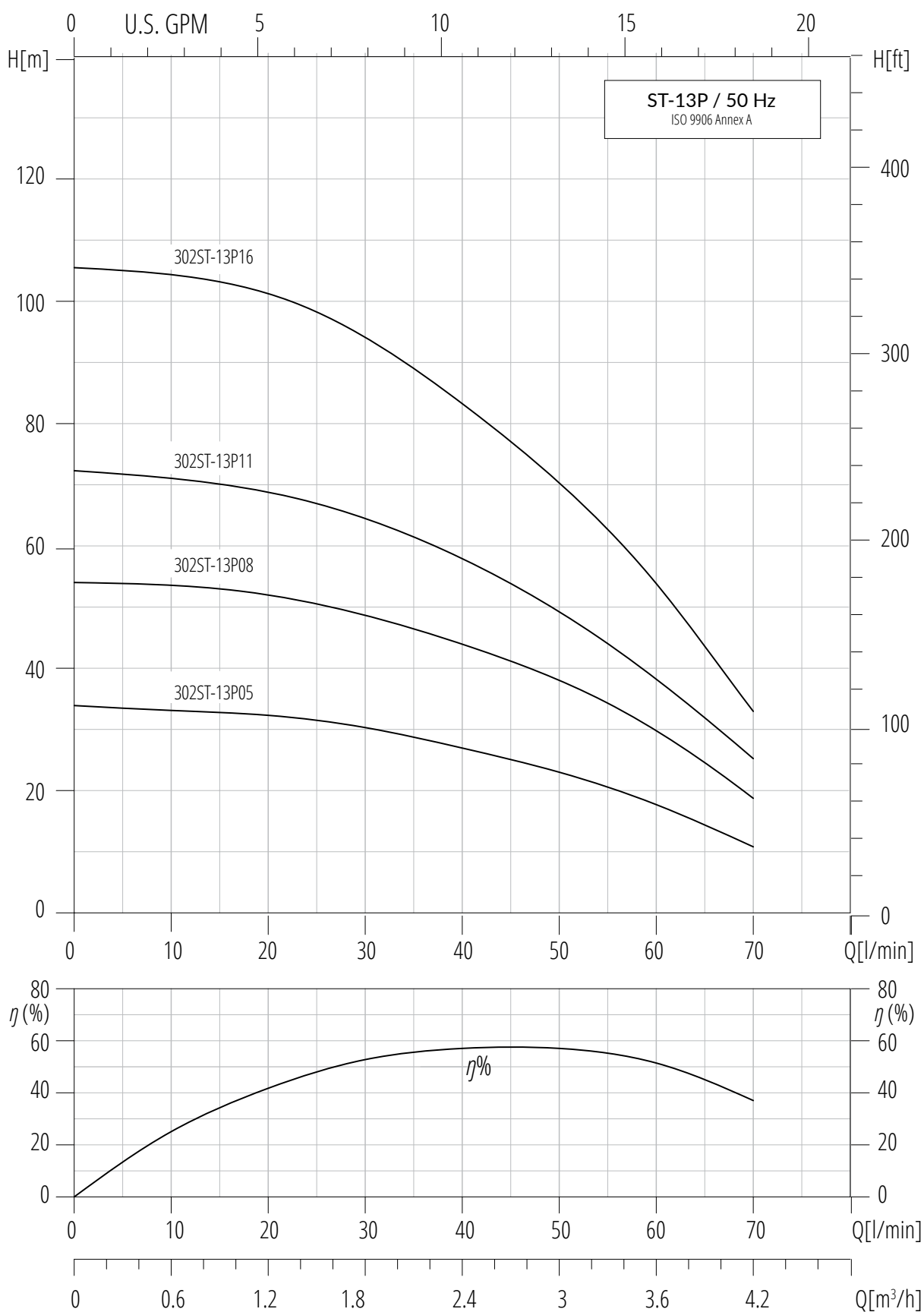
Speroni and Stairs submersible pump combo pack. The Speroni ST-P Submersible Borehole pump range covers a wide range of pumping duties for agricultural and domestic applications. Floating NORYL type impellers require less starting torque and are less affected by sand or other abrasive materials. The discharge head and motor adaptor are made from Noryl for superior strength and durability.

- 1 - 302ST-13P11 / 302ST-13P16 Stairs Submersible Pump
- 2 - Stairs 230 V Submersible Motor
- 3 - • 50 m Submersible Cable (302ST-13P11C)
• 70 m Submersible Cable (302ST-13P16C)
- 4 - Control Box
- 5 - Rope
- 6 - HDPE Base Plate 40 mm
- 7 - 2 x Compression Male Adaptors
- 8 - 5 m Cabtyre & 3 Point Plug

Everything is pre-assembled, cabled jointed to the motor, only the 32 mm HDPE pipe must be supplied for installation. To be installed at a maximum depth of 50 m.



****Not included in kit: 32 mm pipe, inducer sleeve, above ground fittings**



ST-25P | SUBMERSIBLE PUMPS 100 MM

302ST-25P04 • 302ST-25P06 • 302ST-25P08 • 302ST-25P12 • 302ST-25P16

Impellers are floating type made of Noryl® for a superior sand handling. Together with glass filled polycarbonate diffusers make the super strong pumps for maximum wear and abrasive resistance.

APPLICATION

- Water supply
- Agricultural irrigation
- Pressure boosting

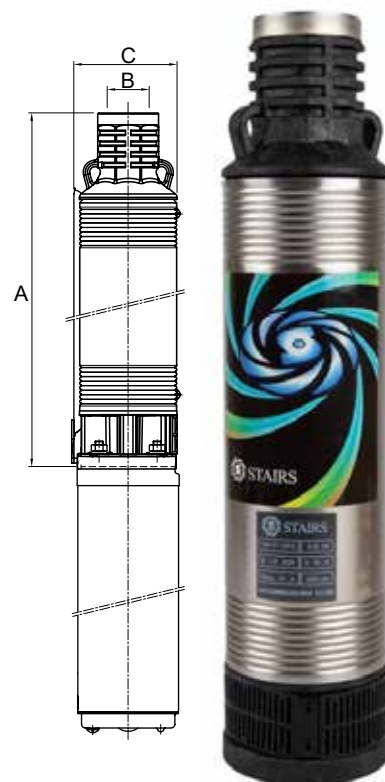
OPERATING CONDITIONS

- Rated speed - 2850 rpm
- Delivery - 6.6 m³/h
- Head - 139 m
- Sand content - 150 g/m³
- Motor power - 0.37 kW - 1.5 kW

MATERIALS

- Discharge head - Noryl
- Check valve - POM
- Bearing spider - Glass Filled Polycarbonate
- Diffuser - Glass Filled Polycarbonate
- Bowl - AISI 304 Stainless Steel
- Impeller - Noryl
- Strainer - Polypropylene
- Pump casing - AISI 304 Stainless Steel
- Shaft sleeve - AISI 304 Stainless Steel

PUMP TYPE	DIMENSIONS (mm)			N.W (kg)
	A	B	C	
302ST-25P04	319	RP or NPT 1 1/4"	98	2.4
302ST-25P06	368		98	2.9
302ST-25P08	417		98	3.3
302ST-25P12	515		98	4.1
302ST-25P16	613		98	5.0



PUMP TYPE	MOTOR		Q = DELIVERY									
			ℓ/min 0	35	40	45	50	60	70	80	90	100
	kW	HP	m ³ /h 0	2.1	2.4	2.7	3.0	3.6	4.2	4.8	5.4	6.0
H = TOTAL HEAD IN METERS												
302ST-25P04	0.37	0.5	26	23	22	22	21	19	17	14	11	7
302ST-25P06	0.55	0.75	38	36	35	33	32	30	26	22	18	12
302ST-25P08	0.75	1.0	51	47	46	44	43	39	35	30	24	18
302ST-25P12	1.1	1.5	77	72	71	69	68	63	57	49	41	31
302ST-25P16	1.5	2.0	102	98	96	94	92	86	77	68	57	46

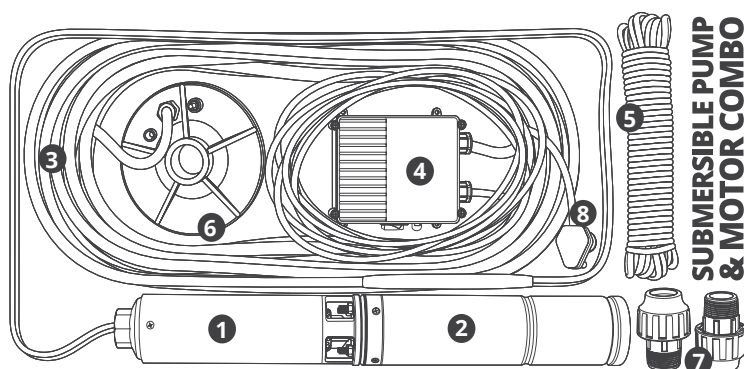
SUBMERSIBLE PUMP COMBO 1.1 kW

302ST-25P12C

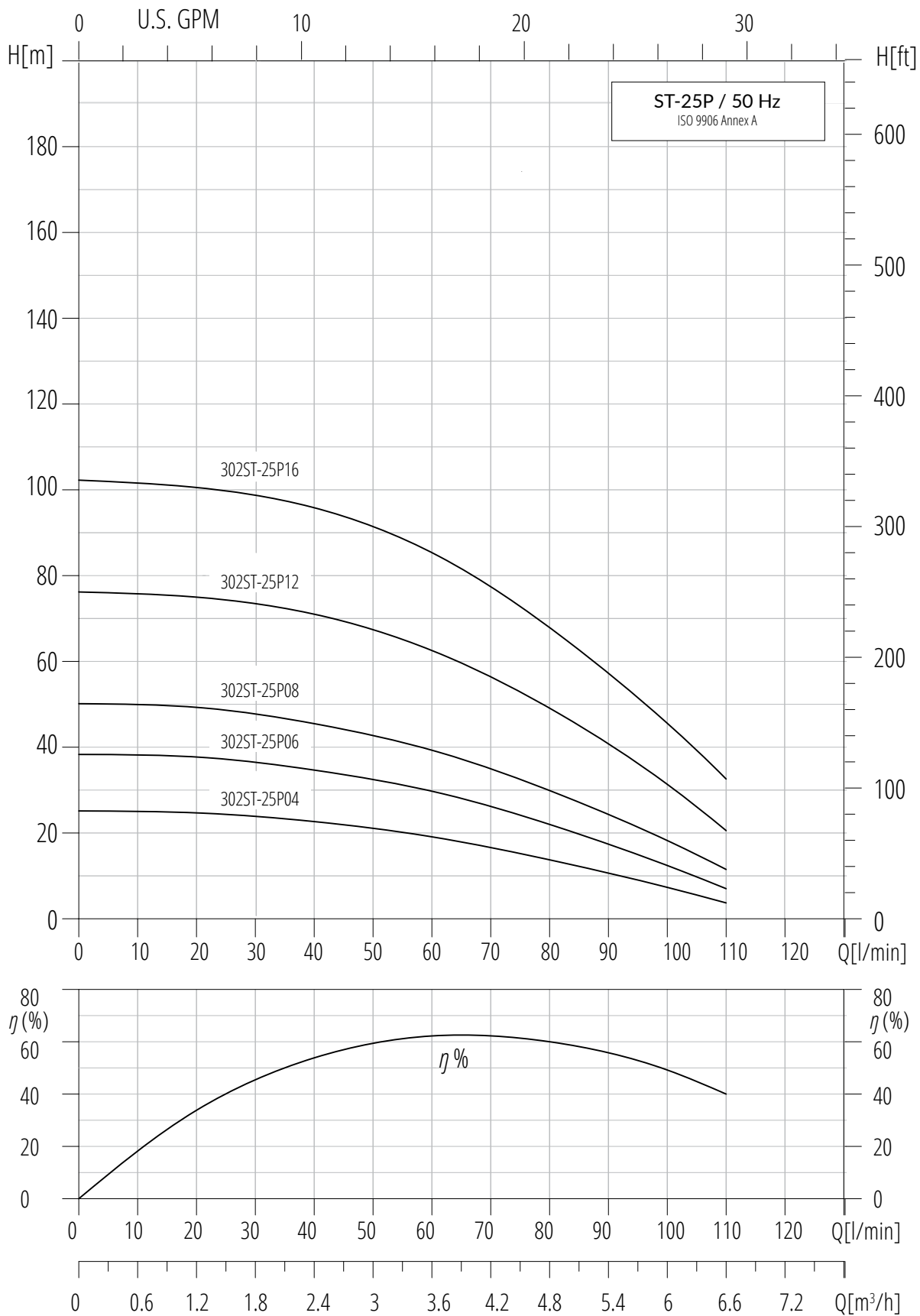
Speroni and Stairs submersible pump combo pack. The Speroni ST-P Submersible Borehole pump range covers a wide range of pumping duties for agricultural and domestic applications. Floating NORYL type impellers require less starting torque and are less affected by sand or other abrasive materials. The discharge head and motor adaptor are made from Noryl for superior strength and durability.

- 1 - 302ST-25P12 Stairs Submersible Pump
- 2 - Stairs 230 V Submersible Motor
- 3 - 60 m Submersible Cable
- 4 - Control Box
- 5 - Rope
- 6 - HDPE Base Plate 40 mm
- 7 - 2 x Compression Male Adaptors
- 8 - 5 m Cabtyre & 3 Point Plug

Everything is pre-assembled, cabled jointed to the motor, only the 32 mm HDPE pipe must be supplied for installation. To be installed at a maximum depth of 50 m.



****Not included in kit: 32 mm pipe, inducer sleeve, above ground fittings**



SUBMERSIBLE MOTORS 230 V

308030 • 308032 • 308033 • 308034 • 308035 • 308036 • 308056

100 mm Rewindable submersible motor for standard applications with maintenance free lubricated bearings and approved non-toxic vegetable oil. Dimensions and flange according to NEMA4"-standards. Matching Stairs control boxes must be installed or a USB control box.

Motor can be installed in a horizontal or vertical position. Motor fitted with a removable lead-out cable. 0.37 kW to 4 kW.

GENERAL SPECIFICATIONS

- Mounting Flange: 4" NEMA Standard
- Insulation Class F
- Protection IP68
- Single-phase Motors: 0.37 kW up to 4.0 kW
- Three-phase Motors: 0.37 kW up to 7.5 kW
- Standard Voltages: 1 ~ 230 V (50 Hz)
3 ~ 230 V or 400 V (50 Hz)
- Cable Length: 1.7 m - 0.37 kW up to 1.5 kW
2.5 m - 2.2 kW up to 7.5 kW

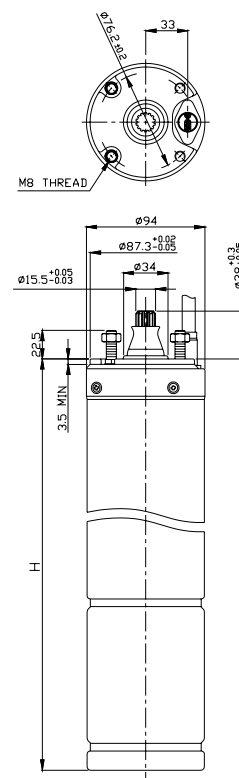
OPERATING PARAMETERS

- Max temperature: 35°C (92°F)
- Max immersion depth: 200 m
- Motor Cooling Flow Rate: 0.2 m / sec
- Axial Thrust: 2000N - 0.37 kW - 1.5 kW
3000N - 2.2 kW
5000N - 3 kW - 7.5 kW

MATERIALS

- Motor Shell - 304 Stainless Steel
- Mechanical Seal - Ceramic/Carbon
- Shaft (0.5 - 3 HP) - 304 Stainless Steel
- Shaft (4 - 10 HP) - 630 Stainless Steel

CODE	H	WEIGHT
	mm	kg
308030	346	7.3
308032	365	8.2
308033	380	8.8
308034	405	10
308035	440	11.5
308036	495	14
308056	683	22.8



SINGLE-PHASE MOTORS 50 Hz

CODE	P2		VOLT	IN	ISTART	EFFICIENCY	PF	Nn	THRUST LOAD	CAPACITOR	CABLE		H	WEIGHT
	kW	HP	V	A	A	%	COS Φ	RPM	N	μF	mm ²	m	mm	kg
308030	0.37	0.5	230	3.7	12	53	0.90	2840	2000	16	1.5	1.7	346	7.3
308032	0.55	0.75	230	5.0	15	62	0.90	2840	2000	20	1.5	1.7	365	8.2
308033	0.75	1	230	6.2	20	64	0.90	2840	2000	25	1.5	1.7	380	8.8
308034	1.1	1.5	230	8.1	32	68	0.90	2840	2000	35	1.5	1.7	405	10
308035	1.5	2	230	10.4	38	73	0.90	2840	2000	40	1.5	1.7	440	11.5
308036	2.2	3	230	15.0	46	72	0.90	2840	3000	55	1.5	2.5	495	14
308056	4	5.5	230	17.1	84	75	0.90	2840	5000	85	1.5	2.5	683	22.8

SUBMERSIBLE MOTORS 400 V

308037 • 308038 • 308039 • 308040 • 308041 • 308042
308043 • 308044 • 308045 • 308057

100 mm Rewindable submersible motor for standard applications with maintenance free lubricated bearings and approved non-toxic vegetable oil. Dimensions and flange according to NEMA4"-standards. Matching Stairs control boxes must be installed or a USB control box.

Motor can be installed in a horizontal or vertical position. Motor fitted with a removable lead-out cable. 0.37 kW to 4 kW.

GENERAL SPECIFICATIONS

- Mounting Flange: 4" NEMA Standard
- Insulation Class F
- Protection IP68
- Single-phase Motors: 0.37 kW up to 4.0 kW
- Three-phase Motors: 0.37 kW up to 7.5 kW
- Standard Voltages: 1~ 230 V (50 Hz)
3~ 230 V or 400 V (50 Hz)
- Cable Length: 1.7 m - 0.37 kW up to 1.5 kW
2.5 m - 2.2 kW up to 7.5 kW

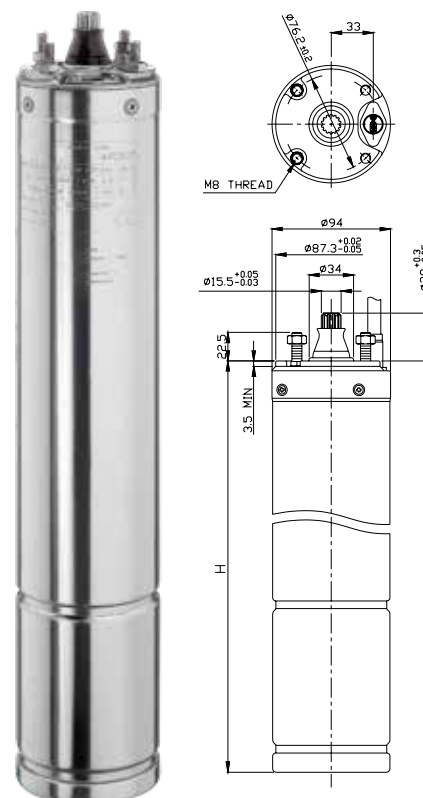
OPERATING PARAMETERS

- Max temperature: 35°C (92°F)
- Max immersion depth: 200 m
- Motor Cooling Flow Rate: 0.2 m / sec
- Axial Thrust: 2000N - 0.37 kW - 1.5 kW
3000N - 2.2 kW
5000N - 3 kW - 7.5 kW

MATERIALS

- Motor Shell - 304 Stainless Steel
- Mechanical Seal - Ceramic/Carbon
- Shaft (0.5 - 3 HP) - 304 Stainless Steel
- Shaft (4 - 10 HP) - 630 Stainless Steel

CODE	H	WEIGHT
	mm	kg
308037	330	6.7
308038	346	7.4
308039	365	8.2
308040	380	8.9
308041	405	10
308042	440	11.6
308057	516	15.2
308043	607	19.5
308044	683	23.1
308045	783	27.5



THREE-PHASE MOTORS 50 Hz

CODE	P2		VOLTAGE	IN	ISTART	EFFICIENCY	PF	Nn	THRUST LOAD	CABLE	
	kW	HP	V	A	A	%	COS Φ	RPM	N	mm ²	m
308037	0.37	0.5	400	1.6	4.5	60	0.80	2820	2000	1.5	1.7
308038	0.55	0.75	400	1.9	6.7	64	0.80	2840	2000	1.5	1.7
308039	0.75	1	400	2.3	8.9	66	0.80	2840	2000	1.5	1.7
308040	1.1	1.5	400	3.1	12	70	0.80	2850	2000	1.5	1.7
308041	1.5	2	400	4.0	14	72	0.80	2850	2000	1.5	1.7
308042	2.2	3	400	5.6	22	71	0.85	2850	3000	1.5	2.5
308057	3	4	400	7.4	43	73	0.85	2840	5000	1.5	2.5
308043	4	5.5	400	9.8	49	75	0.85	2850	5000	1.5	2.5
308044	5.5	7.5	400	13.7	65	75	0.85	2850	5000	2.0	2.5
308045	7.5	10	400	18.7	87	76	0.85	2850	5000	2.0	2.5

HBI | MULTI STAGE PUMPS



303HBI2-40 • 303HBI2-40M • 303HBI2-50 • 303HBI2-50M
303HBI2-60 • 303HBI2-60M

Stainless steel, multistage, non-self priming pump. Designed for pumping freely flowing non-corrosive, non-explosive and non-flammable liquids. Liquids to be pumped must also be free of solid matter, sands, fibers and similar materials.



APPLICATION

- Water supply & pressure boosting
- Air-conditioning
- Water treatment
- Heating & cooling in industrial processes
- Industrial washing & dish-washing Machines (Softened water)
- Fertilizer/Dosing Systems

OPERATING CONDITIONS

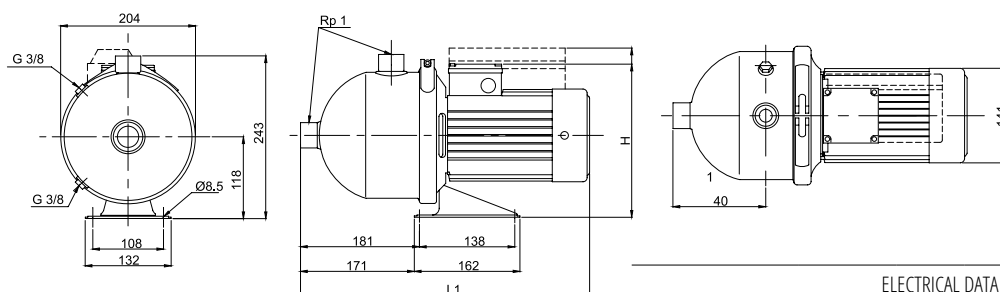
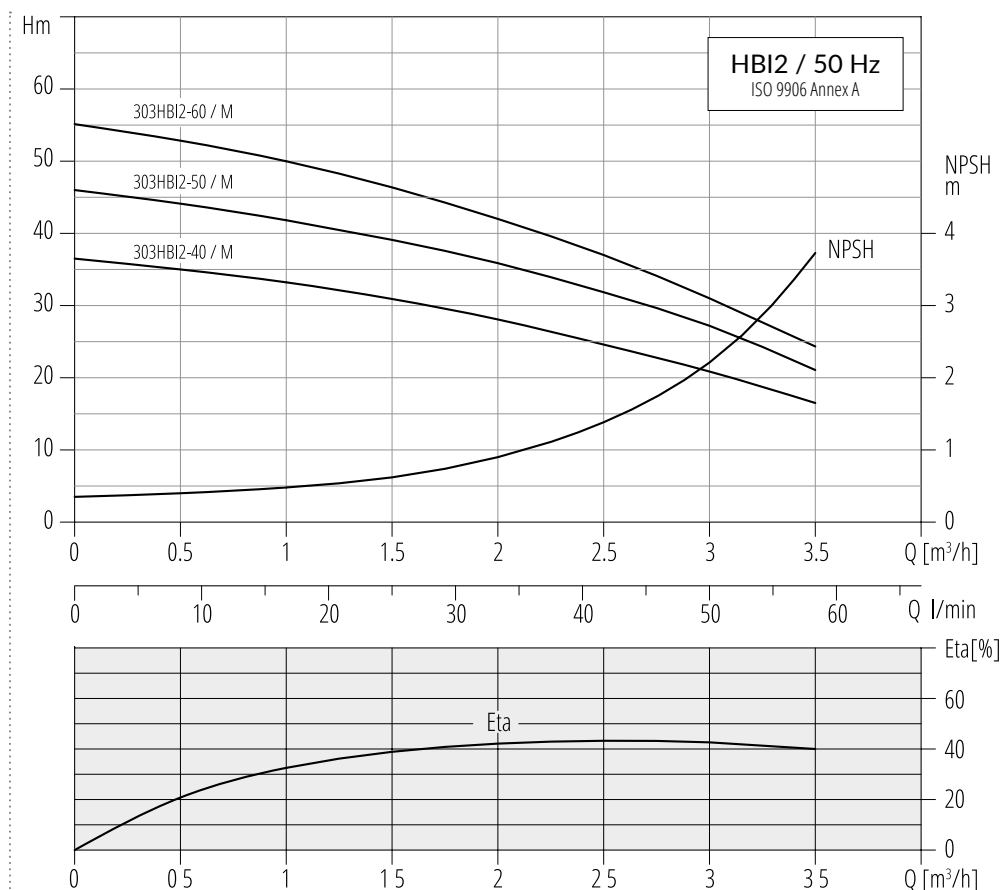
- Liquid temperatures from 0°C to 110°C
- Max ambient temperature: +40°C
- Max operating pressure: 10 kg/cm²
- Max inlet pressure limited by max operating pressure

MOTOR

- Insulation Class F
- Protection IP54
- Overload protection

MATERIALS

- Shaft - 431 Stainless Steel
- Impeller - 304 Stainless Steel
- Strainer - 304 Stainless Steel
- Discharge Head - 304 Stainless Steel



TYPE	DIMENSIONS mm				WEIGHT kg
	Single-phase		Three-phase		
	L1	H	L1	H	
303HBI2-40/M	403	255	403	233	10.1
303HBI2-50/M	403	255	403	233	10.8
303HBI2-60/M	403	255	403	233	11

TYPE	1Φ 220-240 V			3Φ Δ220-240 / Y 380-415 V		
	I _{L1} [A]	P _i [W]	P ₂ [W]	I _{L1} [A]	P _i [W]	P ₂ [W]
303HBI2-40	2.7 - 2.6	580	455	2.4 - 2.7 / 1.4 - 1.6	650	505
303HBI2-40M	2.7 - 2.6	580	455	2.4 - 2.7 / 1.4 - 1.6	650	505
303HBI2-50	3.2 - 3.3	720	550	2.7 - 3.0 / 1.6 - 1.8	810	620
303HBI2-50M	3.2 - 3.3	720	550	2.7 - 3.0 / 1.6 - 1.8	810	620
303HBI2-60	3.8 - 3.6	830	635	2.9 - 3.3 / 1.7 - 1.9	910	690
303HBI2-60M	3.8 - 3.6	830	635	2.9 - 3.3 / 1.7 - 1.9	910	690

Stainless steel, multistage, non-self priming pump. Designed for pumping freely flowing non-corrosive, non-explosive and non-flammable liquids. Liquids to be pumped must also be free of solid matter, sands, fibers and similar materials.



APPLICATION

- Water supply & pressure boosting
- Air-conditioning
- Water treatment
- Heating & cooling in industrial processes
- Industrial washing & dish-washing Machines (Softened water)
- Fertilizer/Dosing Systems

OPERATING CONDITIONS

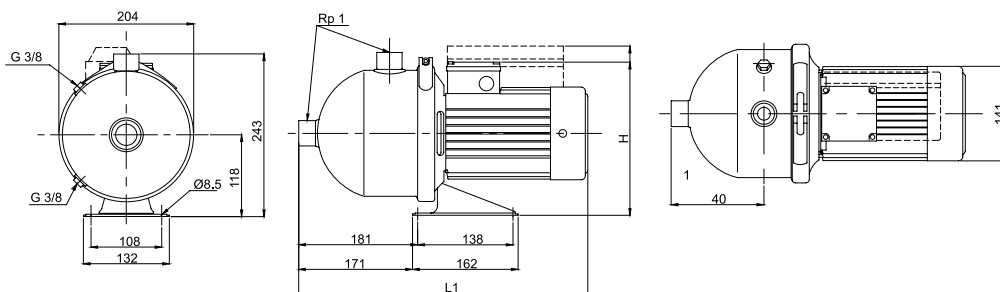
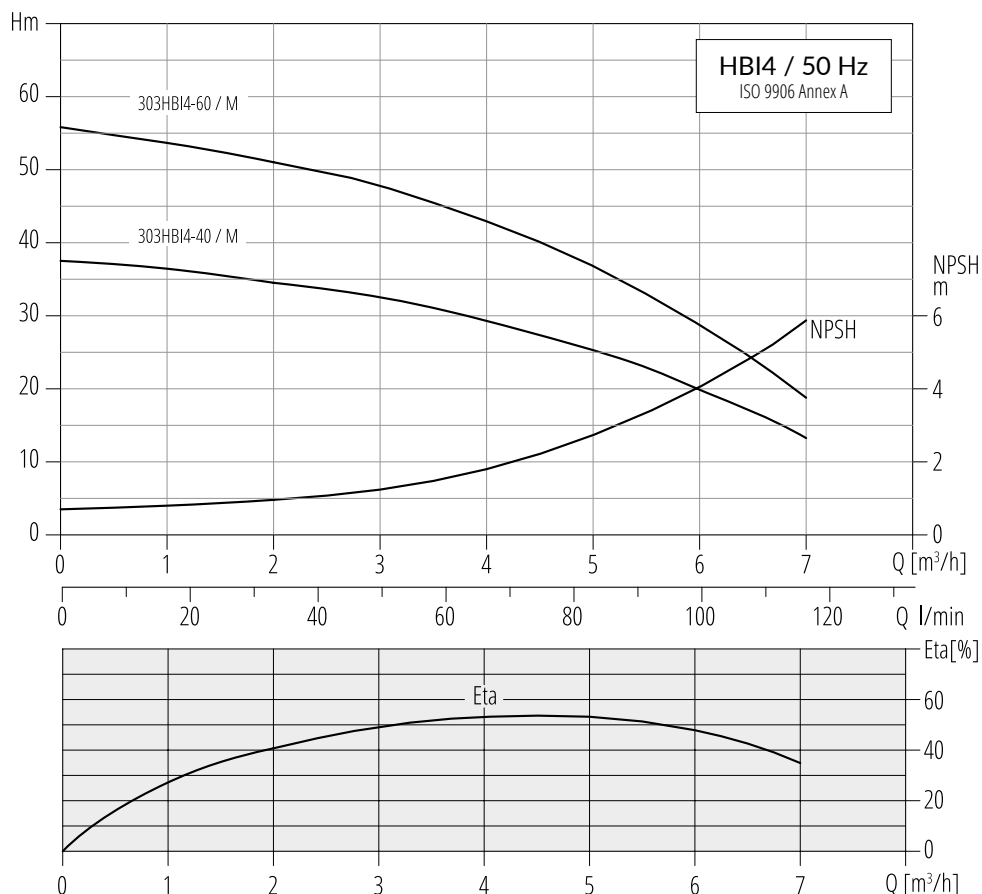
- Liquid temperatures from 0°C to 110°C
- Max ambient temperature: +40°C
- Max operating pressure: 10 kg/cm²
- Max inlet pressure limited by max operating pressure

MOTOR

- Insulation Class F
- Protection IP54
- Overload protection

MATERIALS

- Shaft - 431 Stainless Steel
- Impeller - 304 Stainless Steel
- Strainer - 304 Stainless Steel
- Discharge Head - 304 Stainless Steel



TYPE	DIMENSIONS mm				WEIGHT kg
	Single-phase		Three-phase		
	L1	H	L1	H	
303HB14-40/M	403	255	403	233	10.6
303HB14-60/M	441	255	441	233	12.3

ELECTRICAL DATA - 2850 min⁻¹

TYPE	1Φ 220-240 V			3Φ Δ220-240 / Y 380-415 V		
	I ₁ [A]	P ₁ [W]	P ₂ [W]	I ₁ [A]	P ₁ [W]	P ₂ [W]
303HBI4-40	4.6 - 4.4	1000	765	3.3 - 3.5 / 1.9 - 2.0	1060	810
303HBI4-40M	4.6 - 4.4	1000	765	3.3 - 3.5 / 1.9 - 2.0	1060	810
303HBI4-60	7.1 - 6.9	1550	1210	5.2 - 5.6 / 3.0 - 3.3	1050	1230
303HBI4-60M	7.1 - 6.9	1550	1210	5.2 - 5.6 / 3.0 - 3.3	1050	1230

SB1 | VERTICAL PUMPS 380 V

303SB1-12 • 303SB1-17 • 303SB1-19 • 303SB1-23 • 303SB1-33



The SB, SBI and SBN pumps are non-self priming vertical multistage pump of in-line design, flange or with Victaulic coupling with equally sized suction and discharge ports.

APPLICATION

- Water supply & pressure boosting
- Irrigation & agriculture
- Water treatment & light industry
- Heating, ventilation & air conditioning

OPERATING CONDITIONS

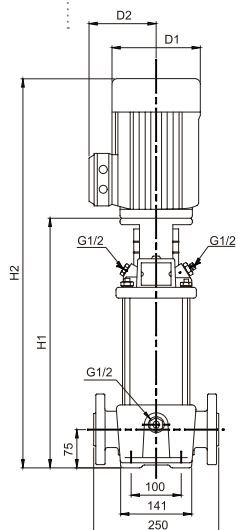
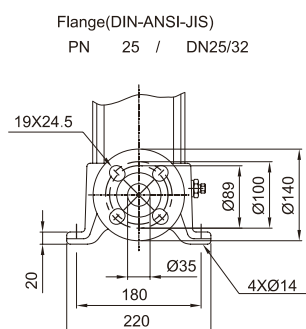
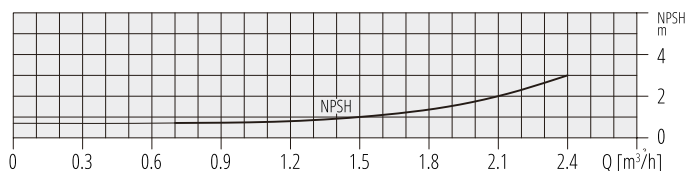
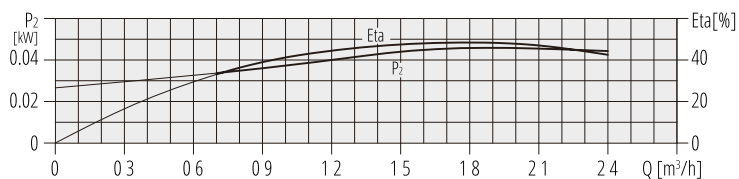
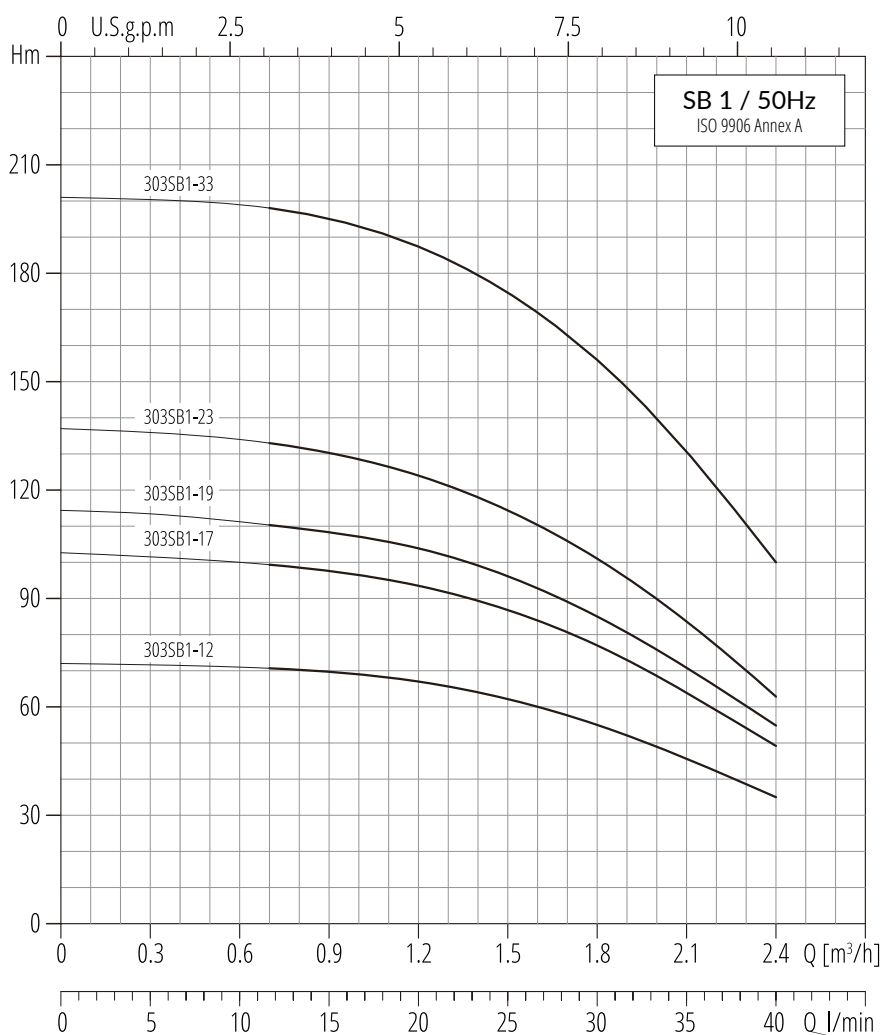
- Liquid temperatures from -15°C to +120°C
- Max ambient temperature: +50°C
- Max operating pressure: 25 bar

MOTOR

- Insulation Class F
- Protection IP55

MATERIALS

- Shaft - Stainless Steel
- Impeller - Stainless Steel
- Mechanical Seal - Silicon Carbide/Silicon Carbide/EPDM or Viton



TYPE	MOTOR	DIMENSIONS mm				WEIGHT kg
	P2	DIN flange		D1	D2	
	kW	H1	H2			DIN flange
303SB1-12	0.75	447	682	141	115	29.4
303SB1-17	1.1	537	772	141	115	32.3
303SB1-19	1.1	573	808	141	115	33.1
303SB1-23	1.1	645	880	141	115	34.6
303SB1-33	2.2	841	1132	177	141	49.9



The SB, SBI and SBN pumps are non-self priming vertical multistage pump of in-line design, flange or with Victaulic coupling with equally sized suction and discharge ports.

APPLICATION

- Water supply & pressure boosting
- Irrigation & agriculture
- Water treatment & light industry
- Heating, ventilation & air conditioning

OPERATING CONDITIONS

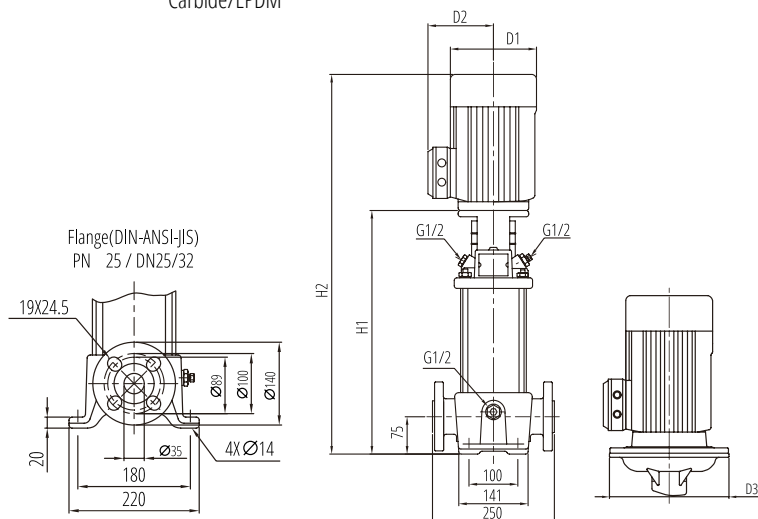
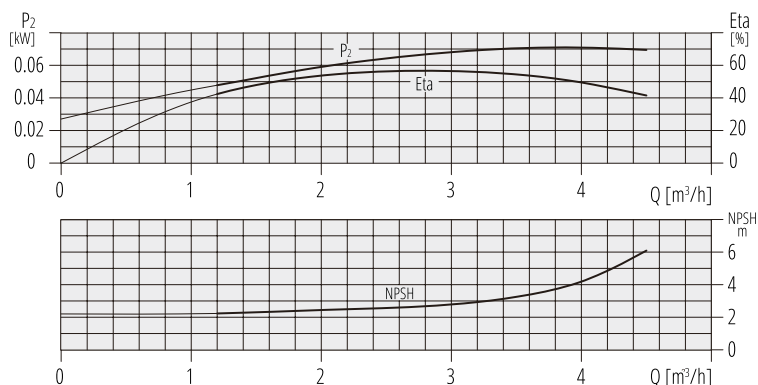
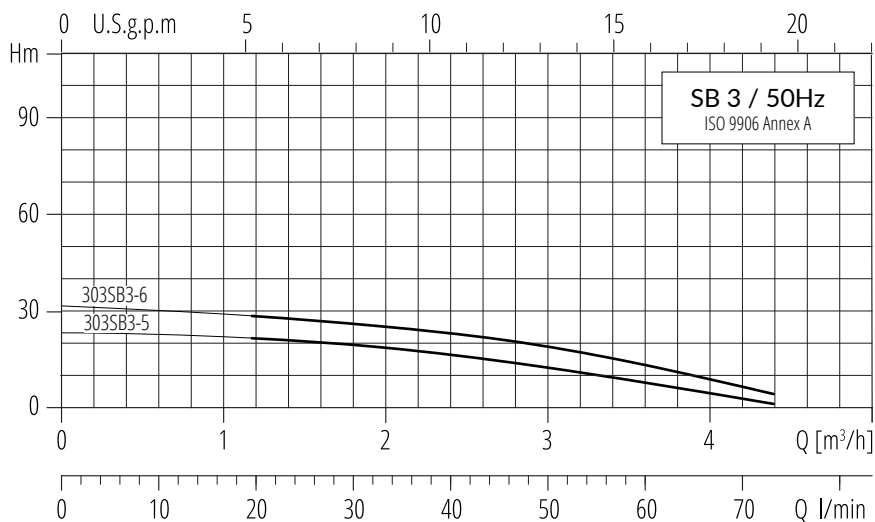
- Liquid temperatures from -15°C to +120°C
- Max ambient temperature: +50°C
- Max operating pressure: 25 bar

MOTOR

- Insulation Class F
- Protection IP55

MATERIALS

- Shaft - Stainless Steel
- Impeller - Stainless Steel
- Mechanical Seal - Silicon Carbide/Silicon Carbide/EPDM



TYPE	MOTOR P2 kW	DIMENSIONS mm				WEIGHT kg
		DIN flange H1	DIN flange H2	D1	D2	
303SB3-5	0.37	315	506	141	109	24
303SB3-6	0.55	333	528	141	115	25

SB 5 | VERTICAL PUMPS 380 V



303SB5-10



The SB, SBI and SBN pumps are non-self priming vertical multistage pump of in-line design, flange or with Victaulic coupling with equally sized suction and discharge ports.

APPLICATION

- Water supply & pressure boosting
- Irrigation & agriculture
- Water treatment & light industry
- Heating, ventilation & air conditioning

OPERATING CONDITIONS

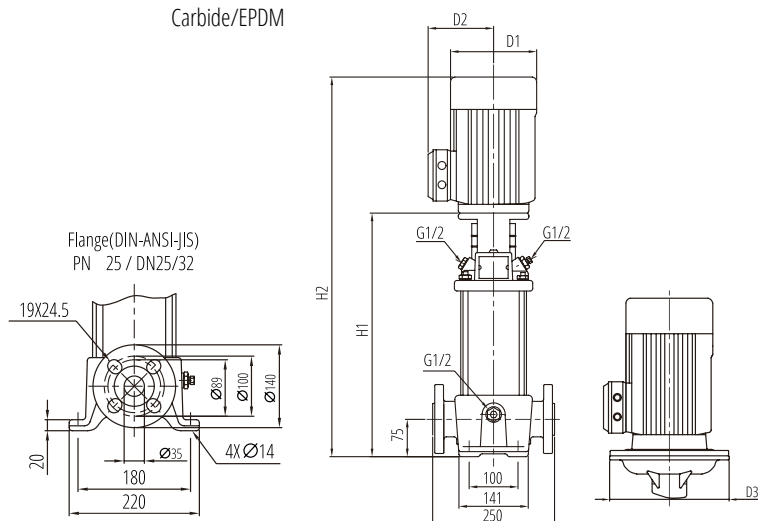
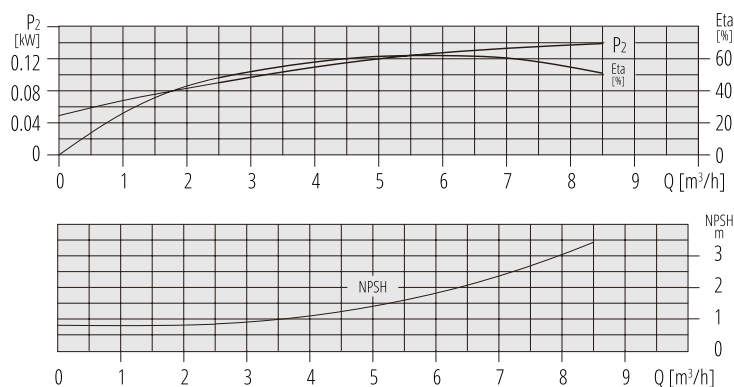
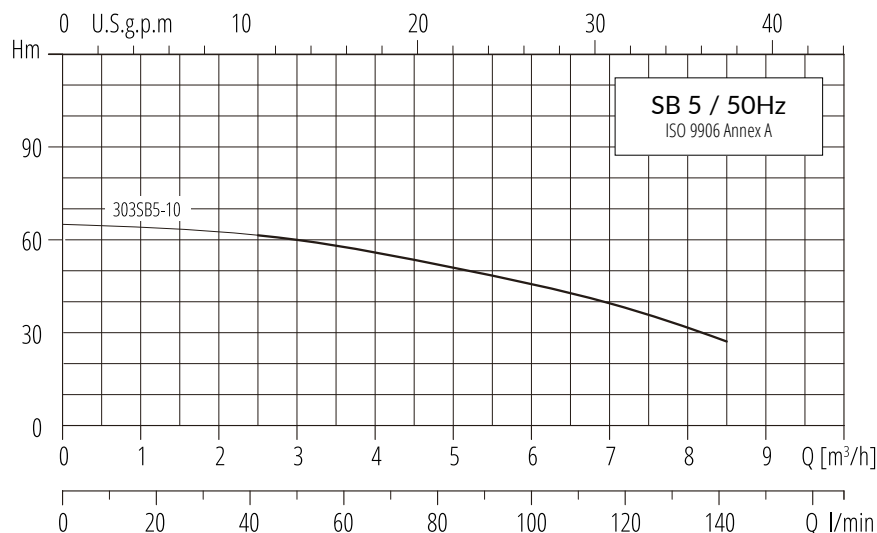
- Liquid temperatures from -15°C to +120°C
- Max ambient temperature: +50°C
- Max operating pressure: 25 bar

MOTOR

- Insulation Class F
- Protection IP55

MATERIALS

- Shaft - Stainless Steel
- Impeller - Stainless Steel
- Mechanical Seal - Silicon Carbide/Silicon Carbide/EPDM



TYPE	MOTOR P2 kW	DIMENSIONS mm					WEIGHT kg DIN flange
		DIN flange H1	DIN flange H2	D1	D2	D3	
303SB5-10	1.5	517	792	175	140	-	38.9

SB10 | VERTICAL PUMPS 380 V



303SB10-2 • 303SB10-3 • 303SB10-4 • 303SB10-5 • 303SB10-8 • 303SB10-12 • 303SB10-14 • 303SB10-18 • 303SB10-22



The SB, SBI and SBN pumps are non-self priming vertical multistage pump of in-line design, flange or with Victaulic coupling with equally sized suction and discharge ports.

APPLICATION

- Water supply & pressure boosting
- Irrigation & agriculture
- Water treatment & light industry
- Heating, ventilation & air conditioning

OPERATING CONDITIONS

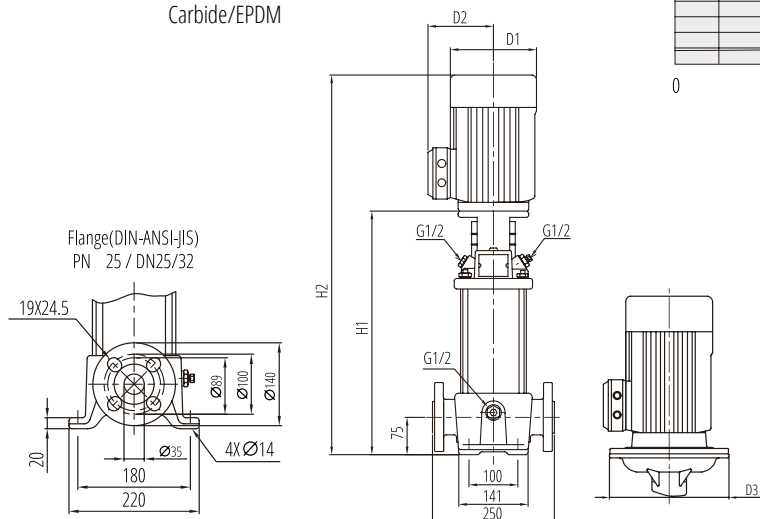
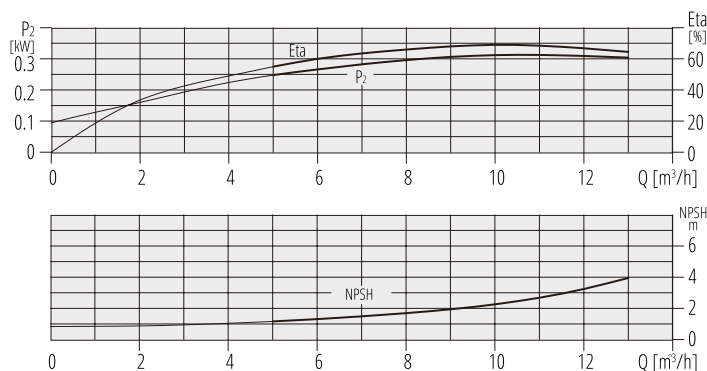
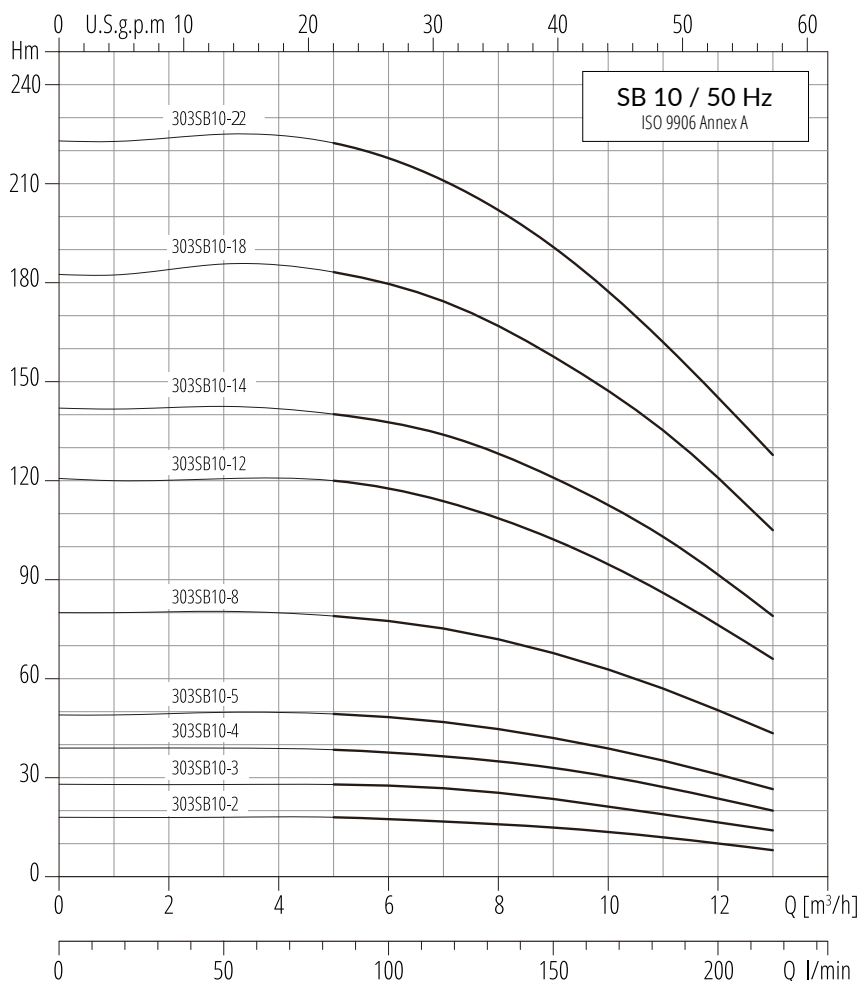
- Liquid temperatures from -15°C to +120°C
- Max ambient temperature: +50°C
- Max operating pressure: 25 bar

MOTOR

- Insulation Class F
- Protection IP55

MATERIALS

- Shaft - Stainless Steel
- Impeller - Stainless Steel
- Mechanical Seal - Silicon Carbide/Silicon Carbide/EPDM



TYPE	MOTOR	DIMENSIONS mm					WEIGHT kg
	P2	DIN flange		D1	D2	D3	
	KW	H1	H2				DIN flange
303SB10-2	0.75	347	582	141	115	-	38.2
303SB10-3	1.1	377	612	141	115	-	40.3
303SB10-4	1.5	423	714	177	141	-	50.1
303SB10-5	2.2	453	744	177	141	-	53.9
303SB10-8	3	548	864	197	147	-	64.9
303SB10-12	4	668	994	220	161	-	72.4
303SB10-14	5.5	760	1122	235	197	300	104.1
303SB10-18	7.5	880	1278	235	197	300	113.6
303SB10-22	7.5	1000	1398	235	197	300	118.8

SELF PRIMING PERIPHERAL PUMPS

PASQB80 • PASQB60

PASCALI

WATER PUMPS

APPLICATION

- Clean water without abrasive particles / non-aggressive liquid
- Domestic use
- In particular for delivering water in combination with small pressure sets for irrigation
- Installed in enclosed places, or at least protected against inclement weather
- 25 mm Inlet & outlet

OPERATING CONDITIONS

- Suction lift up to 6 m
- Liquid temperature up to +40°C
- Ambient temperature up to +40°C
- Max. working pressure: 6 bar

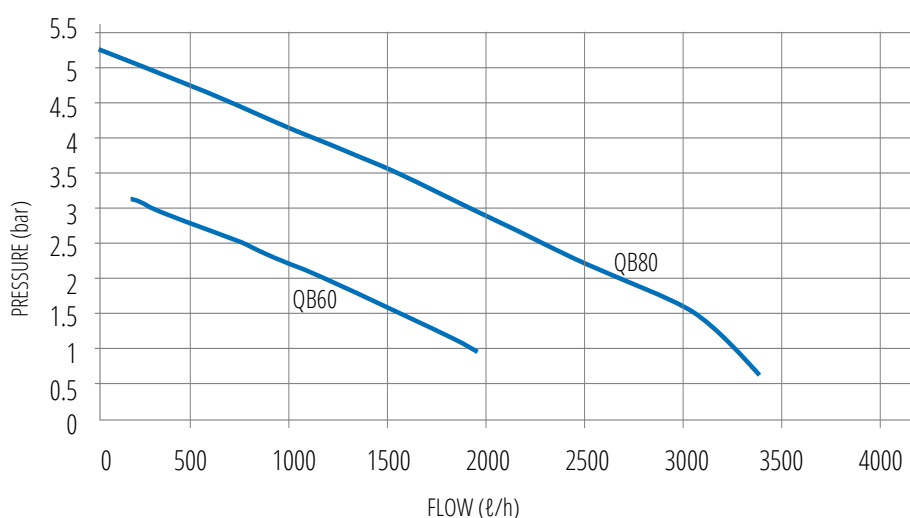
MOTOR

- 2-Pole induction motor
- Single-phase 50 Hz
- Insulation Class B
- Protection IP44
- With capacitor and thermal overload protection

MATERIALS

- Pump body - Cast iron
- Motor support - Aluminium
- Impeller - Brass
- Motor shaft - Stainless Steel
- Mechanical seal - Ceramic/Graphite
- 100% Copper winding

	QB60	QB80
PRESSURE (bar)	FLOW (ℓ/h)	FLOW (ℓ/h)
0.6	1750	3380
1.5	1140	3030
2.2	760	2470
2.8	350	2010
3.6	0	1410
4.0	00	1050
4.6	550	550
5.2	0	0



TYPE	POWER (W)	VOLTAGE (V)	INLET	OUTLET	MAX FLOW (m³/h)	MAX HEAD (m)
PASQB80	750	230	1"	1"	3	60
PASQB60	370	230	1"	1"	1,6	33

SELF PRIMING PERIPHERAL PUMP WITH FLOW CONTROL

PASQBSK • PASQB60SK

PASCALI self priming PERIPHERAL pump with flow control. For domestic and garden irrigation use. Thermal overload protection, 100% copper winding and brass impeller. 25 mm Inlet & outlet.


FLOW SWITCH
PASSK10

Max 10 Amps.

Complete with
PASSK10

Non-return valve included.

SELF PRIMING PERIPHERAL PUMP WITH PRESSURE CONTROL

PASQB/24

PASCALI self priming PERIPHERAL pump with 24 ℓ pressure control system. For domestic and garden irrigation use. Thermal overload protection, 100% copper winding and brass impeller. 25 mm Inlet & outlet.

Complete with
PAS24L
PASSWAY
PASFLEXHOSE-2
PASY4010BAR
PASSK-2A

Non-return valve included.

SELF PRIMING JET PUMPS

PASJET100



WATER PUMPS

APPLICATION

- Clean water without abrasive particles
- Domestic use, irrigation of gardens and allotments
- High head
- Suitable for water lifting, distribution with small or medium pressure sets
- 25 mm Inlet & outlet

OPERATING CONDITIONS

- Suction lift up to 6 m
- Liquid temperature up to +40°C
- Ambient temperature up to +40°C
- Max. working pressure: 6 bar

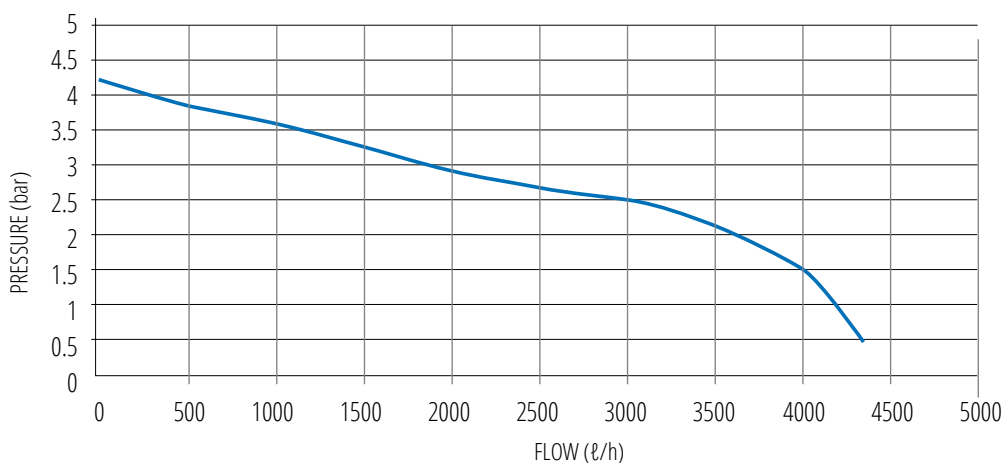
MOTOR

- 2-Pole induction motor
- Single-phase 50 Hz
- 0.75 kW
- Insulation Class B
- Protection IP44
- With capacitor and thermal overload protection

MATERIALS

- Pump body - Cast Iron
- Motor support - Cast Iron
- Impeller - Brass
- Motor shaft - Stainless Steel
- Mechanical seal - Ceramic/Graphite
- 100% Copper winding

FLOW (ℓ/h)	PRESSURE (bar)
4360	0.5
4030	1.5
3480	2.2
3050	2.5
2510	2.7
2000	3.0
1500	3.3
1050	3.6
540	3.9
0	4.2



POWER (W)	VOLTAGE (V)	INLET	OUTLET	MAX FLOW (ℓ/h)	MAX HEAD (m)
750	230	1"	1"	4300	42

SELF PRIMING JET PUMP WITH FLOW CONTROL

PASJETSK

PASCALI self priming jet pump with flow control, for domestic and garden irrigation use. Thermal overload protection, 100% copper winding and brass impeller. 25 mm Inlet & outlet.



FLOW SWITCH
PASSK10

Max 10 Amps.

Non-return valve included.

SELF PRIMING JET PUMP WITH PRESSURE CONTROL

PASJET/24

PASCALI self priming jet pump with pressure control, for domestic and garden irrigation use. Thermal overload protection, 100% copper winding and brass impeller. 25 mm Inlet & outlet.



24L TANK
PAS24L

Complete steel tank.

Non-return valve included.

STAINLESS STEEL JET PUMPS

PASSS80

PASCALI

WATER PUMPS

APPLICATION

- Clean water without abrasive particles
- Domestic use, irrigation of gardens and allotments etc.
- High head
- Suitable for water lifting, distribution with small or medium pressure sets
- Installed in enclosed places, or at least protected against inclement weather
- 25 mm Inlet & outlet

OPERATING CONDITIONS

- Suction lift up to 6 m
- Liquid temperature up to +40°C
- Ambient temperature up to +40°C
- Max. working pressure: 6 bar

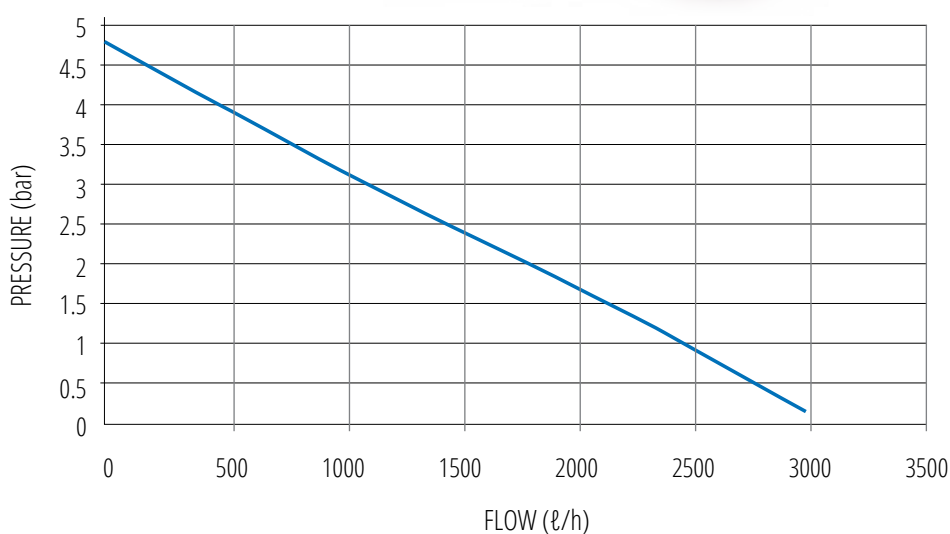
MOTOR

- 2-Pole induction motor
- Single-phase 50 Hz
- 0.75 kW
- Insulation Class B
- Protection IP44
- With capacitor and thermal overload protection

MATERIALS

- Pump body - Cast Iron
- Motor bracket - Aluminium
- Impeller - Stainless Steel
- Shaft with rotor - Stainless Steel
- Ejector - POM
- Mechanical seal - Ceramic
- 100% Copper winding

FLOW (ℓ/h)	PRESSURE (bar)
3010	0.2
2410	1.2
2000	1.8
1500	2.5
1020	3.2
500	4.0
0	4.8



POWER (W)	VOLTAGE (V)	INLET	OUTLET	MAX FLOW (ℓ/h)	MAX HEAD (m)
750	230	1"	1"	3000	48

STAINLESS STEEL JET PUMP WITH FLOW CONTROL

PASSSSK

PASCALI stainless steel jet pump with flow control, for domestic and garden irrigation use. Thermal overload protection, 100% copper winding and stainless steel impeller. 25 mm Inlet & outlet.



FLOW SWITCH
PASSK10

Max 10 Amps.

Non-return valve included.

STAINLESS STEEL JET PUMP WITH PRESSURE CONTROL

PASSS/24

PASCALI stainless steel jet pump with 24 ℓ stainless steel pressure tank, for domestic and garden irrigation use. Thermal overload protection, 100% copper winding and stainless steel impeller. 25 mm Inlet & outlet.



24L TANK
Complete
stainless steel tank.

Non-return valve included.

SINGLE IMPELLER CENTRIFUGAL PUMPS

PASCPM130 • PASCPM146 • PASCPM158 • 309CPM170 • PASCPM190



WATER PUMPS

APPLICATION

Single impeller centrifugal pumps, suitable for household, civil and industrial applications, with a very flat curve to guarantee constant pressure even when the delivery is low.

OPERATING CONDITIONS

- Liquid temperature up to 60°C
- Ambient temperature up to 40°C
- Total suction lift up to 7 m
- Max. working pressure: 6 bar

MOTOR

- 2-Pole induction motor
- Insulation Class B
- Protection IP44

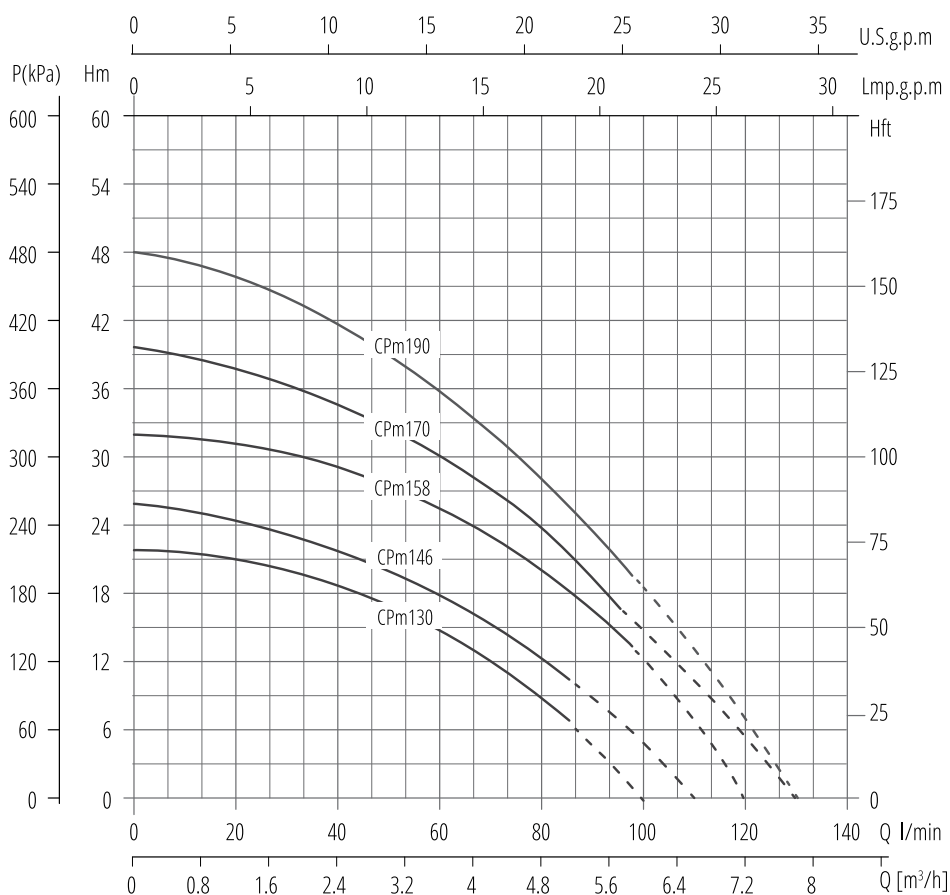
MATERIALS

- Pump body - Cast Iron
- Motor support - Cast Iron
- Impeller - Brass
- Motor shaft - S/Steel or CS45#
- Mechanical seal - Ceramic/Graphite
- Copper winding

	INLET	OUTLET
PASCPM130	25 mm	25 mm
PASCPM146	25 mm	25 mm
PASCPM158	25 mm	25 mm
PASCPM170	32 mm	25 mm
PASCPM190	25 mm	25 mm



Complete with Flow Control
PASCPM146C
PASCPM158C
PASCPM170C



TYPE	WITH FLOW CONTROL	NOMINAL POWER		INPUT POWER	AMPERE	Q = CAPACITY							
Single-phase		P2		P1	Single-phase	m³/h	0	1.2	2.4	3.6	4.8	6	7.2
						lt/1'	0	20	40	60	80	100	120
220 V - 50 Hz		HP	kW	kW	1 x 220 V	Total head in meters w.c.							
PASCPM130		0.5	0.37	0.6	2.7	H (m)	22	21	18.7	15	9		
PASCPM146	PASCPM146C	0.75	0.55	0.83	3.9		26	24.5	22	18	12	4.5	
PASCPM158	PASCPM158C	1	0.75	1.1	5.2		32	31	29	25.5	20	12	
PASCPM170	PASCPM170C	1.5	1.1	1.52	7		40	38	34.5	30	23.8	15	5.6
PASCPM190		2	1.5	2.09	9.4		48	46	42	36	28	18.3	7

SUBMERSIBLE SEWAGE PUMPS

PASWSD75/50T

PASCALI

APPLICATION

Stainless steel submersible sewage pump, 220 V / 50 Hz, 100% copper winding, cast iron pump body with 5 m cable with float switch, oil-filled submersible motor. 25 mm Inlet & outlet.

OPERATING CONDITIONS

- Liquid temperature up to 35°C
- Maximum immersion depth 20 m (with a cable of the appropriate length)
- Grain size inlet Ø 50 mm
- Min. suction level 100 mm
- Continuous duty

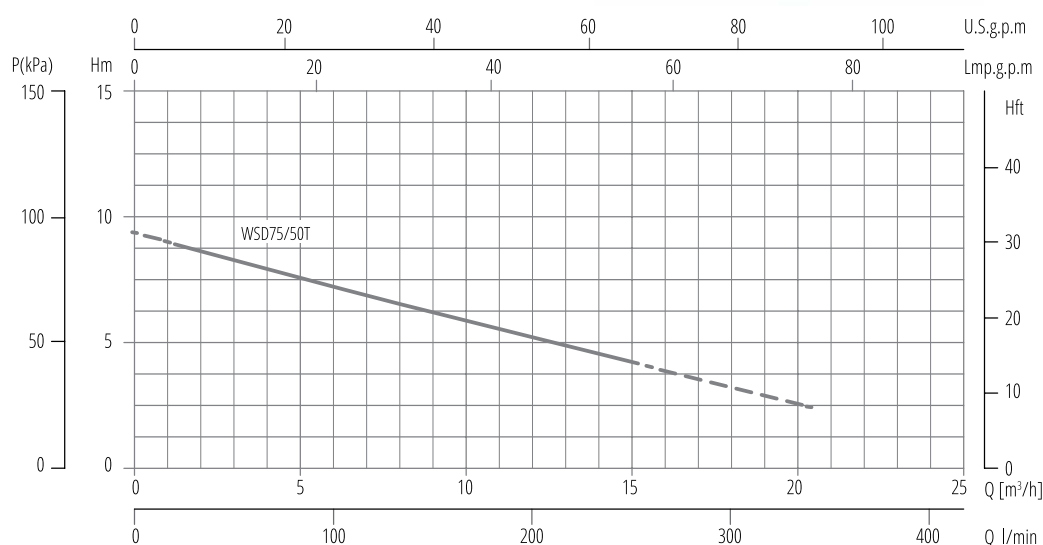
MATERIALS

- Motor body - Stainless Steel
- Pump body - Cast Iron
- Impeller - Stainless Steel
- Shaft with rotor - Stainless Steel AISI 304
- Mechanical seal with oil chamber - Silicon/Silicon/NBR



MOTOR

- Insulation Class F
- Protection IP68
- Thermic protection (only single-phase)



TYPE	NOMINAL POWER		INPUT POWER	AMPERE	Q = CAPACITY							
Single-phase	P2		P1	Single-phase	m³/h	0	2	4	6	8	10	12
	HP	kW	kW		lt/1'	0	33	66	100	133	166	200
220 V - 50 Hz	HP	kW	kW	1 x 220 V	Total head in meters w.c.							
PASWSD75/50T				1	0.75	1.5	5.2	H (m)	9.5	8.75	8.2	7.5

ELECTRIC DIAPHRAGM PUMP

302FL40

Ideal for camping, boating, cattle and game spraying. Self priming and for intermittent use only.

GENERAL SPECIFICATIONS

- Permanent magnet and intermittent duty
- Built-in pressure switch automatically starts and stops pump when faucets are opened and closed
- Self-priming so pump can be located above water tank
- Runs dry for extended periods of time without damage
- Built-in thermal protector
- Size: 13.2" L x 4.9" W x 4.1" H (335 x 12 x 105 mm)
- Weight (DC): N.W 4.22 lb (1.90 kg) G.W 5.11 lb (2.30 kg)
- Weight (AC): N.W 5.44 lb (2.45 kg) G.W 6.44 lb (2.90 kg)
- Pump Design: 4 Chamber Diaphragm
- Port Size: 3/8" (9.5 mm) Hose Barb

OPERATING PARAMETERS

- Max Liquid Temperature: 60°C (140°F)
- Pressure max: 40 PSI (2.8 bar)
- Voltage: 12 V, 24 V DC, 115 V, 220 V AC
- Open Flow: 4.47 GPM (17 l/min)

MATERIAL

- Diaphragm Material - Santoprene
- Check Valve - EPDM or Viton
- Body Material: - Polypropylene
- Spring Material - Stainless Steel



CODE	VOLT	FLOW	PRESSURE	AMPS
	DC / AC	gpm(lpm)	Psi(bar)	A
302FL40	12	4.47(17.0)	40(2.76)	9.2
302FL40D	Diaphragm			

PERIPHERAL PUMP 0.37 kW 230 V

CAWW037



APPLICATION

Cascade volumetric water pumps able to offer high pressures in relation to comparatively low powers and which have particularly steady operating curves pressures performance. Use clean water, or non-aggressive liquids only, without sand or other solid impurities. Suitable for small homes, rainwater harvest water supply, small air conditioner installations and automatic water sprinkler systems.



OPERATING CONDITIONS

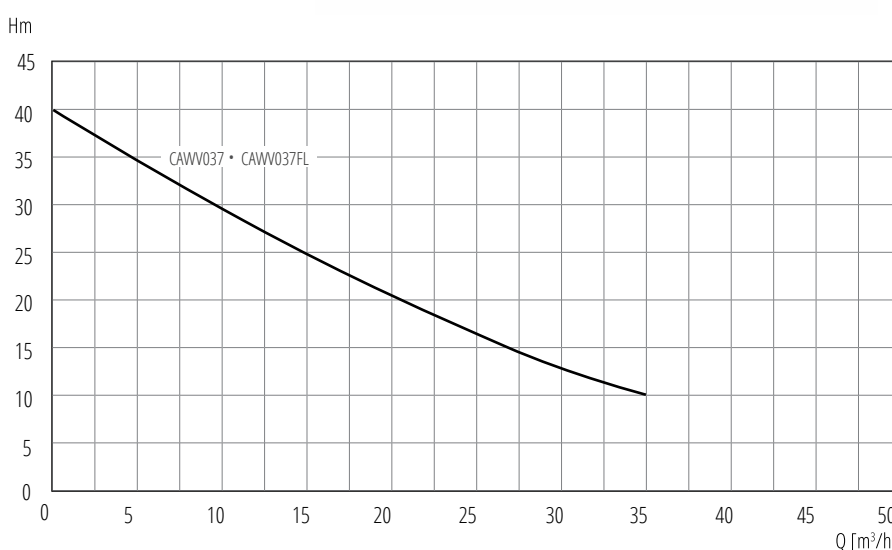
- Suction lift up to 6 - 8 m with foot valve
- Maximum operating pressure: 8 bar
- Maximum ambient temperature: + 40°C
- Liquid temperature up to + 60°C

MOTOR

- Insulation Class B
- Protection IP44
- Single-phase power supply with capacitor permanently activated
- Internal thermal protector
- Speed of rotation: 2850 rpm
- Continuous duty: S1

MATERIALS

- Pump body motor support - Cast Iron
- Impeller - Brass
- Motor shaft - AISI1045
- Mechanical seal - NBR/Graphite/Ceramic



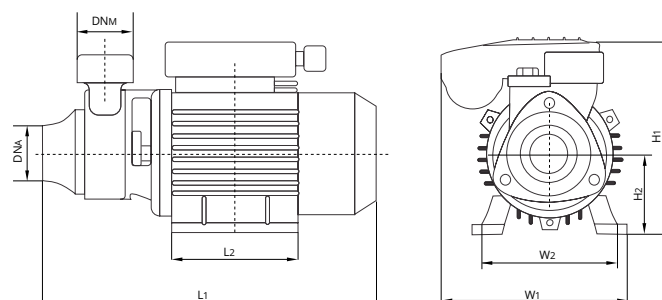
MODEL	NOMINAL POWER		uF	AMPERE	Q	0	5	10	20	30	35	40	45	50	60	70	80	85
	HP	kW		Single-phase	m³/h	0	0.3	0.6	1.2	1.8	2.1	2.4	2.7	3	3.6	4.2	4.8	5.1
CAWW037	0.6	0.37	12	1.9	H (m)	40	36	31.5	22	12	7	25	-	-	-	-	-	-

SELF PRIMING JET PUMP WITH FLOW CONTROL

CAWW037FL



TYPE	L1	W1	H1	L2	W2	H2	DN _A	DN _M	N.W (kg)	PACKAGE DIMENSION (mm)		
										L	W	H
CAWW037	265	118	142	80	151	63	1"	1"	5.1	278	138	172



JET PUMP STAINLESS STEEL 0.75 kW 230 V

CAWJS075



APPLICATION

Cascade stainless steel self priming water pumps with a very high hydraulic performance and a considerable pressure capacity. Able to pump from up to 6 m depth with non-return valve at sea level. Suitable for water lifting and distribution in small and medium applications. Suitable for clean water use, or non-aggressive liquids only, without sand or other solid impurities. Suitable for lifting water from shallow well, sprinkling irrigation in garden and pressure boosting of water in small to medium homes.



OPERATING CONDITIONS

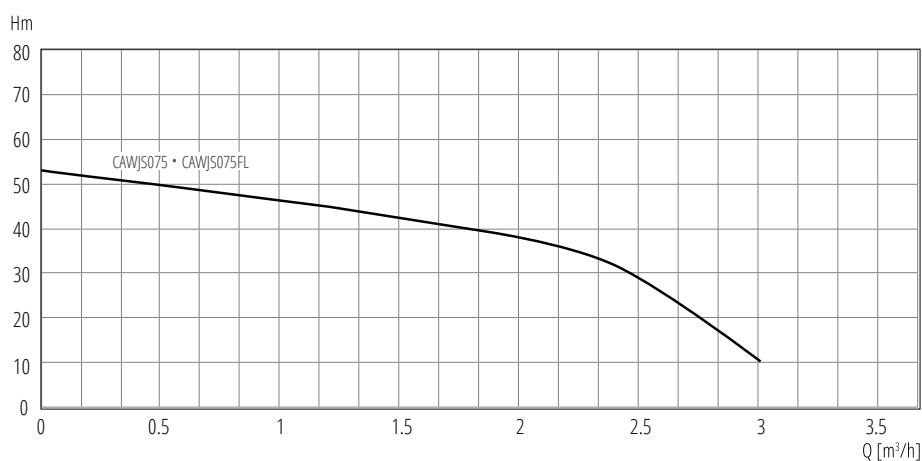
- Max. operating pressure: 8 bar
- Max. ambient temperature: + 40°C
- Liquid temperature up to + 60°C

MOTOR

- Insulation Class B
- Protection IP44
- Single-phase power supply with capacitor permanently activated
- Internal thermal protector
- Speed of rotation: 2850 rpm
- Continuous duty: S1

MATERIALS

- Pump body - Stainless Steel
- Impeller - Brass
- Motor shaft - AISI1045
- Mechanical seal - NBR/Graphite/Ceramic



MODEL	NOMINAL POWER		uF	AMPERE (max)	Q ℓ/min m³/h	0	10	20	30	40	45	50
	HP	kW				0	0.6	1.2	1.6	2.4	2.7	3
CAWJS075	1	0.75	20	5.0	H (m)	50	44	39	35	20.8	25.5	9

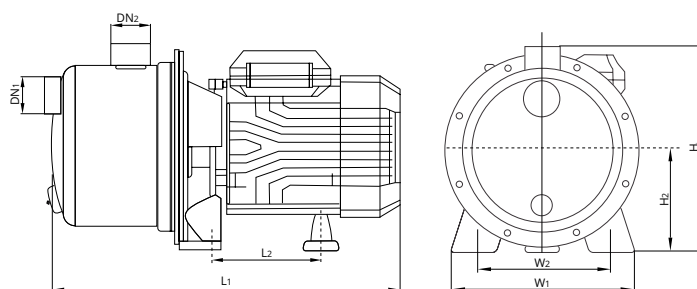
JET PUMP STAINLESS STEEL WITH FLOW CONTROL

CAWJS075FL



TYPE	L1	W1	H1	L2	W2	H2
CAWJS075	376	200	214	165	150	105

DN1	DN2	N.W (kg)	PACKAGE DIMENSION (mm)		
			L	W	H
1"	1"	12.5	400	212	225



SELF PRIMING JET PUMP 0.75 kW 230 V

CAWJL075



APPLICATION

Cascade self priming water pumps with a very high hydraulic performance and considerable pressure capacity. Able to pump from up to 6 m depth with non-return valve at sea level. Suitable for clean water use, or non-aggressive liquids only, without sand or other solid impurities. Suitable for lifting water from shallow well, sprinkling irrigation in garden and pressure boosting of water in small to medium homes.



OPERATING CONDITIONS

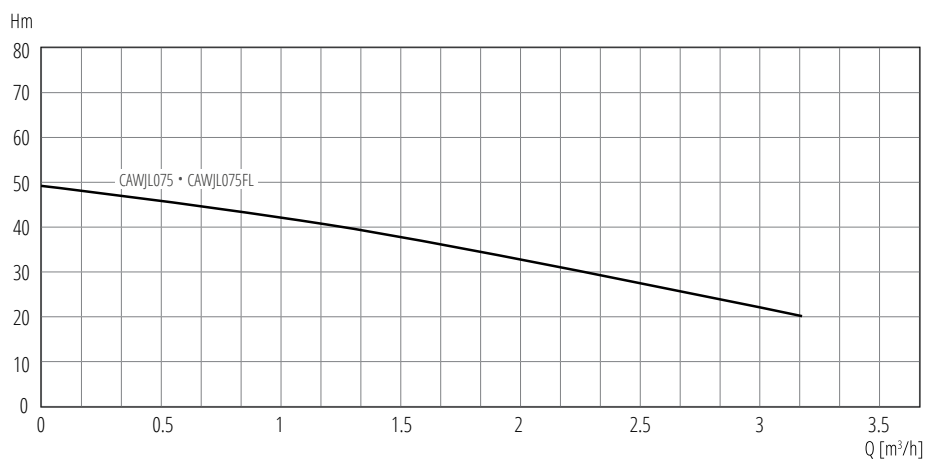
- Max. operating pressure: 8 bar
- Max. ambient temperature: + 40°C
- Liquid temperature up to + 60°C

MOTOR

- Insulation Class B
- Protection IP44
- Ejector union: PPO
- Single-phase power supply with capacitor permanently activated
- Internal thermal protector
- Speed of rotation: 2850 rpm
- Continuous duty: S1

MATERIALS

- Pump body - Cast Iron
- Impeller - Brass
- Motor shaft - AISI1045
- Mechanical seal - NBR/Graphite/Ceramic



MODEL	NOMINAL POWER		uF	AMPERE (max)	Q ℓ/min	0	10	20	30	40	45	50	55	60	65
	HP	kW				0	0.6	1.2	1.8	2.4	2.7	3.0	3.3	3.6	3.9
CAWJL075	1	0.75	20	4.5	H (m)	50	45.5	40	35.5	31.5	30	25		7.5	-

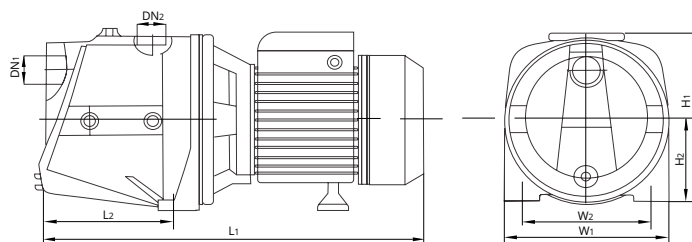
SELF PRIMING JET PUMP WITH FLOW CONTROL

CAWJL075FL



TYPE	L1	W1	H1	L2	W2
CAWJL075	385	195	209	92	158

DN1	DN2	N.W (kg)	PACKAGE DIMENSION (mm)		
			L	W	H
1"	1"	17.8	450	205	220



SINGLE IMPELLER CENTRIFUGAL PUMPS

CAWC075 • CAWC110



APPLICATION

Cascade single impeller pumps suitable to cover any small, medium or large capacity request. For domestic, agricultural and industrial purposes. With automatic water distribution through small and medium-sized tanks, for sprinkler and flood irrigation in gardening and agriculture. Suitable for use clean water, or non-aggressive liquids only, without sand or other solid impurities. Suitable for industrial use and urban water supply pressure boosting for high rise buildings and garden irrigation.



OPERATING CONDITIONS

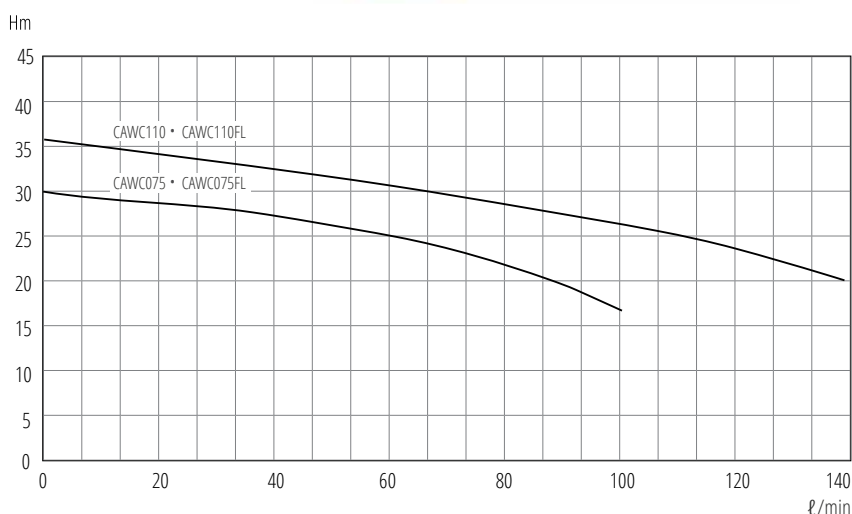
- Suction lift up to 6 - 8 m with foot valve
- Max. operating pressure: 8 bar
- Max. ambient temperature: + 40°C
- Liquid temperature up to + 60°C

MOTOR

- Insulation Class B
- Protection IP44
- Single-phase power supply with capacitor permanently activated
- Internal thermal protector
- Speed of rotation: 2850 rpm
- Continuous duty: S1
- Electrophoresis anti-rust treatment

MATERIALS

- Pump body - Cast Iron
- Impeller - Brass
- Motor shaft - AISI1045
- Mechanical seal - NBR/Graphite/Ceramic



MODEL	NOMINAL POWER		uF	AMPERE	Q l/min	0	20	40	60	80	90	100	120	140
	HP	KW				0	1.2	2.4	3.6	4.8	5.4	6.0	7.2	8.4
CAWC075	1	0.75	20	5.0	H (m)	30	29	27.5	26	23	21	17	—	—
CAWC110	1.5	1.1	30	7.0		37	35	33	31	29	28	26.5	24	22.8

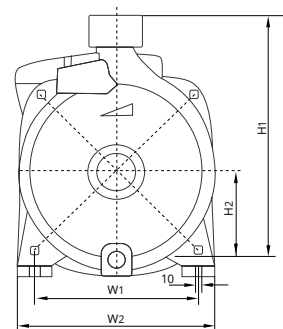
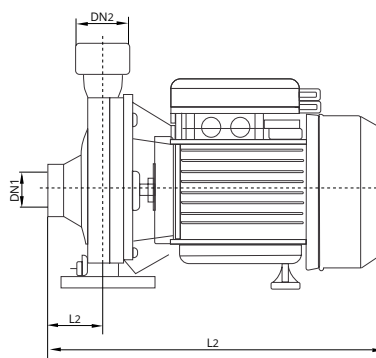
CENTRIFUGAL PUMP WITH FLOW CONTROL

CAWC075FL • CAWC110FL



TYPE	L1	W1	H1	L2	W2	H2
CAWC075	303	190	243	42.5	167	96
CAWC110	258	215	279	55	180	110

DN1	DN2	N.W (kg)	PACKAGE DIMENSION (mm)		
			L	W	H
1"	1"	13	320	220	270
1"	1"	21	365	235	300



TWIN IMPELLER SELF PRIMING CENTRIFUGAL PUMP 1.5 kW 230 V

CAWCM2200



APPLICATION

Twin impeller centrifugal water pumps to lift clean water and non-aggressive liquids. The main feature is the two opposite impellers that allow higher lifts than in the single impeller model. The pumps can be used for civil and industrial applications, for water distribution and for irrigation. 100% Copper windings, brass impellers and an IP Rating of 44.



OPERATING CONDITIONS

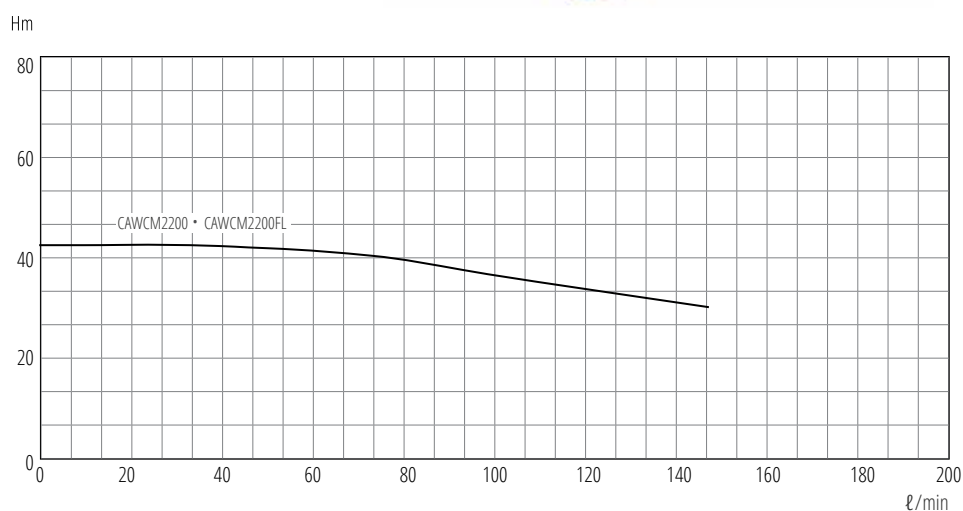
- Max. operating pressure: 8 bar
- Max. ambient temperature: + 40°C
- Liquid temperature up to + 60°C

MOTOR

- Insulation Class B
- Protection IP44
- Single-phase power supply with capacitor permanently activated
- Internal thermal protector
- Speed of rotation: 2850 rpm
- Continuous duty: S1
- Electrophoresis anti-rust treatment

MATERIALS

- Pump body - Cast Iron
- Impeller - Brass
- Motor shaft - AISI1045
- Mechanical seal - NBR/Graphite/Ceramic



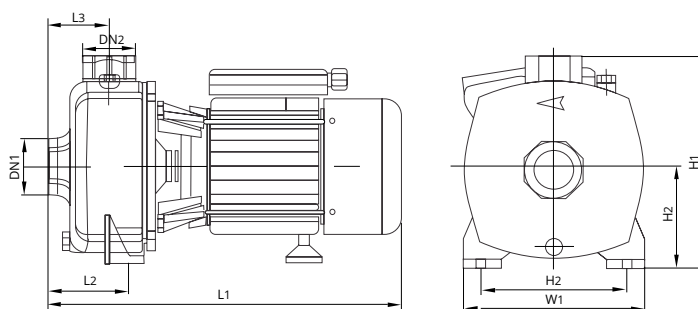
TYPE	NOMINAL POWER		uF	AMPERE	Q l/min	0	20	40	60	80	90	100	110	120	140	160	200
	HP	KW				0	1.2	2.4	3.6	4.8	5.4	6.0	6.6	7.2	8.4	9.6	12
CAWCM2200	3	2.2	45	10	H (m)	43	42.5	42	41	40	39	38.5	36.5	34.5	32	-	-

SELF PRIMING CENTRIFUGAL PUMP WITH FLOW CONTROL

CAWCM2200FL



TYPE	L1	W1	H1	L2	L3	DN1	DN2	N.W (kg)	PACKAGE DIMENSION (mm)		
									L	W	H
CAWCM2200	415	205	250	100	73	1.5"	1.25"	24	425	230	265



VSD PRESSURE PUMP STAINLESS STEEL 230 V

CAVFF260 • CAVFF460 • CAVFF840



APPLICATION

Easy to set VSD, that ensures a constant pressure by regulating the speed of the motor as the demand varies. Dry run protection included. Save between 20% and 50% energy consumption. Keeps water pressure constant. Easy and simple to install All functions can be set by the press of a button. Motor soft start: improving power factor and prolonging the service life of the water pump. Highly integrated design: combining the inverter, control, protection, cooling and sensor system. Liquid temperature 5°C to 90°C. Plug and Play.

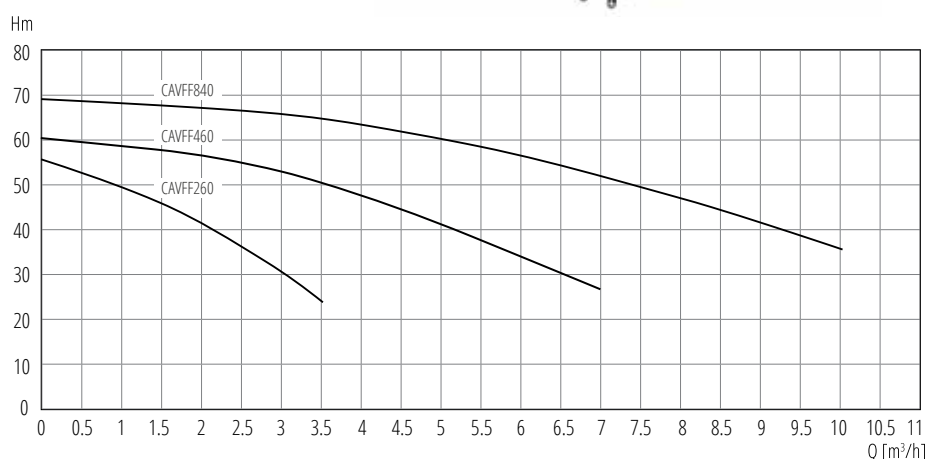


MOTOR

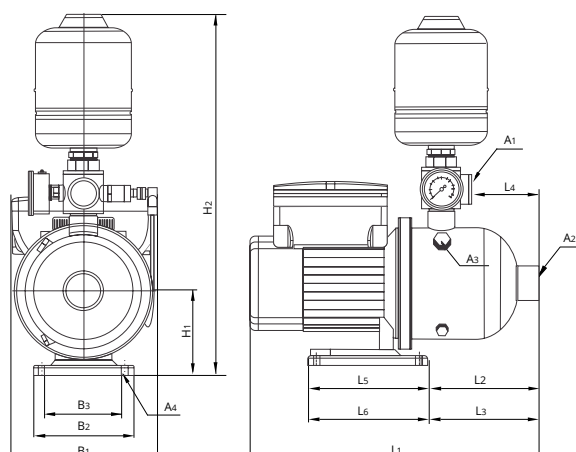
- Power 0.75 kW - 2.2 kW
- Input Power : 230 Volt single phase 50 Hz
- Max Amps: 4.2 A - 9.6 A
- The pump can work stably when the voltage range is 160 V - 250 V
- Pressure gauge & digital pressure display

MATERIALS

- Pump body - Stainless Steel AISI304
- Impeller - Stainless Steel AISI304
- Shaft - Stainless Steel AISI304
- Base frame - Cast Iron or A3-Steel



MODEL	RATED POWER (kW)	MAX AMPS	RATED FLOW (m³/h)	1.0	1.5	2.0	2.5	3.0	3.5	4.0	5.0	6.0	7.0	8.0	9.0	10.0	INLET	OUTLET
VFF260	0.75	4.2	Rated Head (m)	50	48	42	38	32	25	-	-	-	-	-	-	-	25 mm	25 mm
VFF460	1.1	6.0		58	56	55	52	51	48	46	40	34	25	-	-	-	32 mm	25 mm
VFF840	2.2	9.6		69	68	67	66	65	64	63	61	57	52	46	41	35	40 mm	40 mm



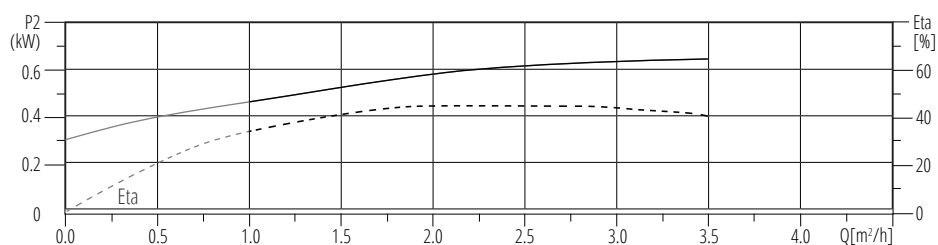
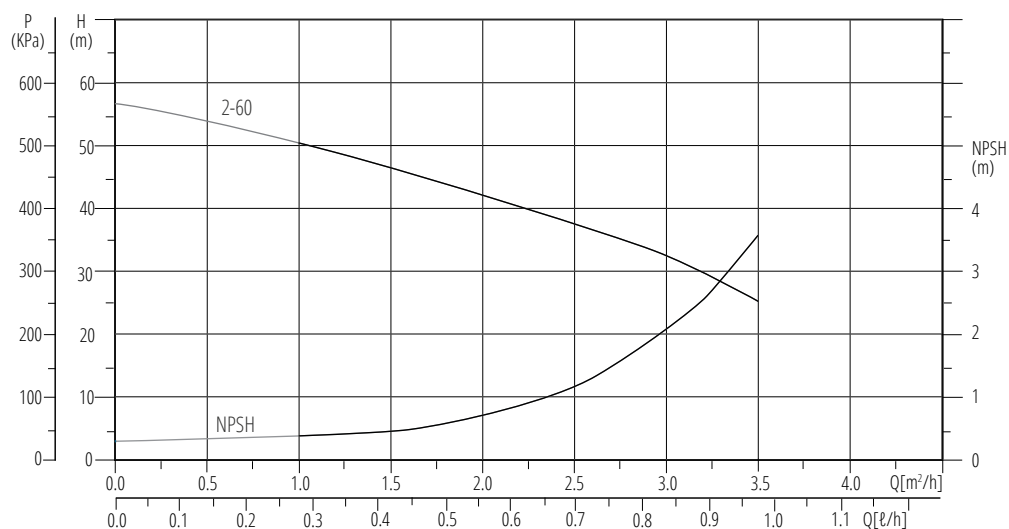
NO	MODEL	DIMENSIONS (mm)															
		A1	A2	A3	A4	B1	B2	B3	H1	H2	L1	L2	L3	L4	L5	L6	
1	VFF260	G1	G1	G3/8	9	189	130	108	110	473	400	160	149	90	138	160	
2	VFF460	G1	G1¼	G3/8	9	189	130	108	110	473	400	160	149	84	138	160	
3	VFF840	G1½	G1½	G3/8	9	210	130	108	120	580	459	179	168	89	138	160	

VFF SERIES TECHNICAL PARAMETERS TABLE
AC 220 V/50 Hz SERIES

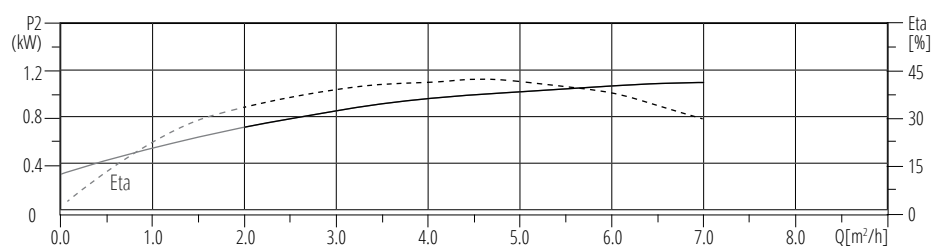
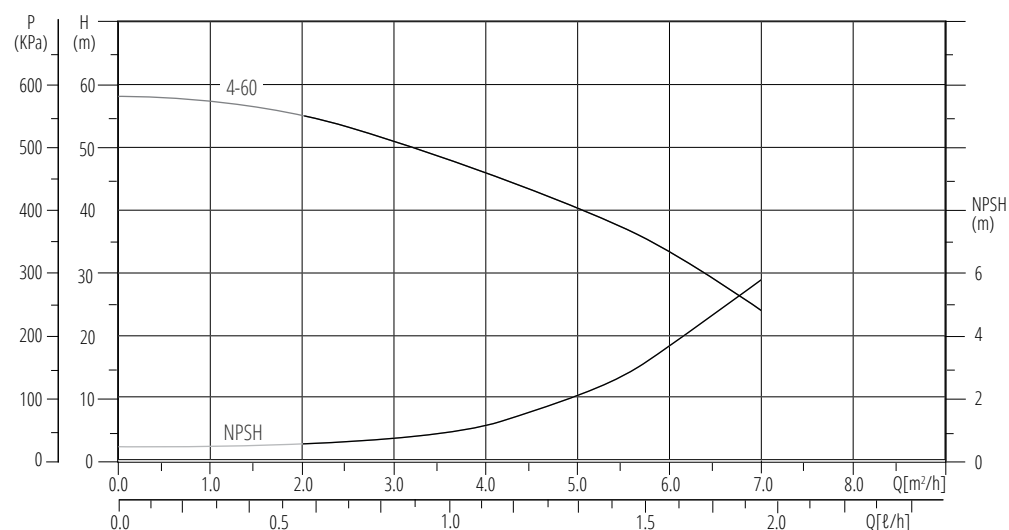
NO	MODEL	RATED POWER (kW)	PRESSURE TANK SIZE
1	VFF260	0.75	2 ℓ
2	VFF460	1.1	2 ℓ
3	VFF840	2.2	4 ℓ

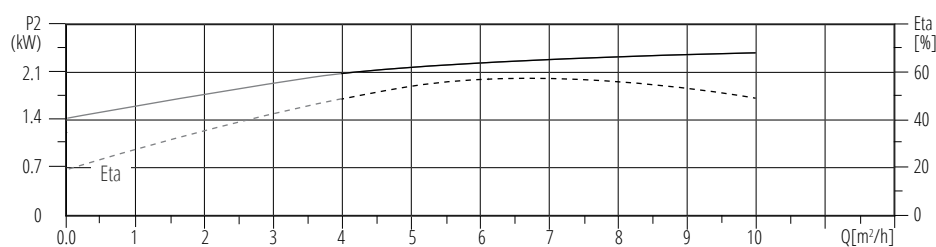
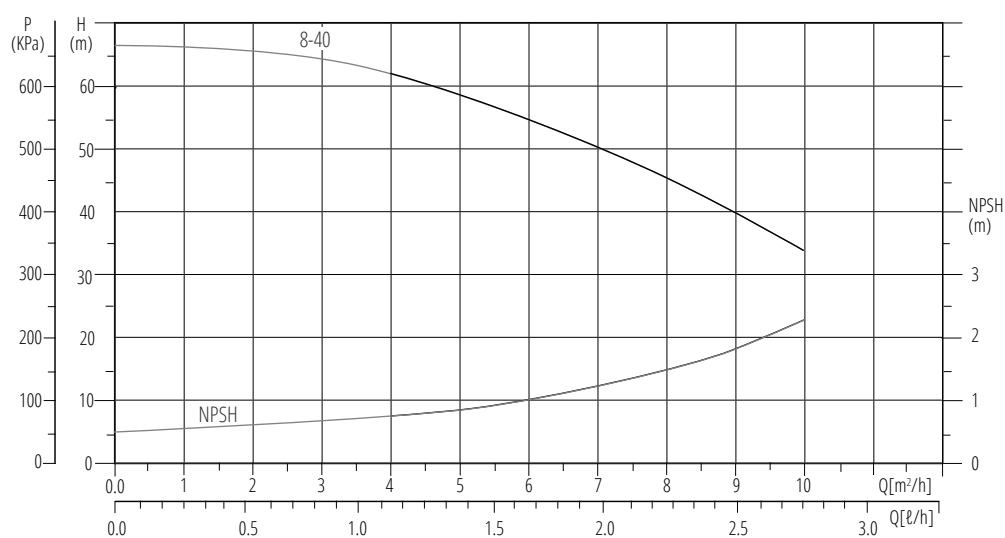
VSD PRESSURE PUMP STAINLESS STEEL 230 V

CAVFF260



CAVFF460



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HELICAL ROTOR SOLAR PUMPS

VSONERA01/02H

The NERA 4 inch Helical rotor solar pumps range with encapsulated inverter offer a compact and reliable solution for pumping applications using photovoltaic energy. Powered by DC with a wide range of operating voltage (26 - 190 VDC). Ideal solution for any application in remote locations. No need for any external electronic components, connect the pump cable to the power source and start to extract water. The built-in electronics are directly cooled by the water flow; the operating temperature of the electronic components are kept low so as to ensure a considerably longer lifespan than an on-surface inverter affected by high temperature, humidity, dust and solar radiation.

Max head of 120 meters and flow rate up to 1.2 m³ per hour.

APPLICATION

- Potable water supply from deep wells
- Agricultural irrigation, livestock watering, etc.
- Municipal & industrial water supply
- Fountains
- Clean, chemically not aggressive, not explosive, without solids and fibre content

OPERATING CONDITIONS

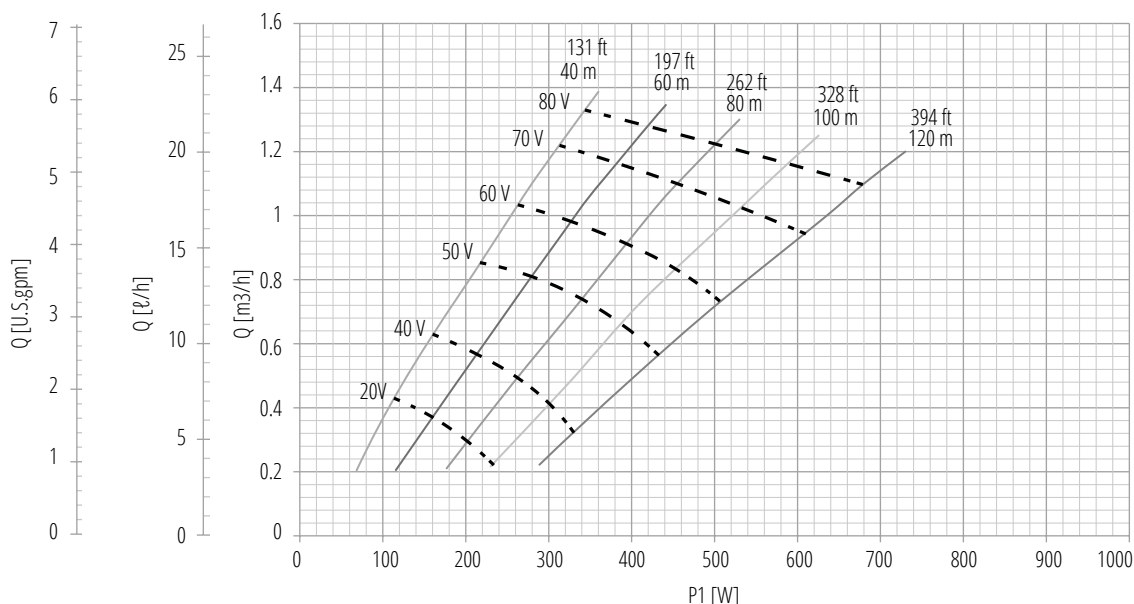
- Max temperature: 35°C (92 °F)
- Min cooling speed: 0.2 m/s
- Sand content: Max. 50 g/m³
- Max immersion depth: 150 m

MOTOR

- Insulation Class F
- Protection IP68

MATERIALS

- Motor - AISI 304
- Helical Rotor - AISI 316 Chromed
- Helical Stator - EPDM + AISI 304
- Discharge Head - AISI 304



TYPE	VOLTAGE	MAX ABSORBED CURRENT	MAX ABSORBED POWER	LENGTH mm	DISCHARGE	PUMP WEIGHT kg	MAX DIAMETER mm	PACKING DIMENSIONS	TOTAL WEIGHT kg
		A	P1 [W]						
VSONERA01/02H	26 - 190 VDC	10 (130 VDC)	800	930	1 1/4"	11	99*	77 x 21 x 26	13

* Max. external diameter including cable and cable cover

HELICAL ROTOR SOLAR PUMPS

VSONERA02/01H



The NERA 4 inch Helical rotor solar pump range with encapsulated inverter offer a compact and reliable solution for pumping applications using photovoltaic energy. Powered by DC with a wide range of operating voltage (26 - 190 VDC). Ideal solution for any application in remote locations. No need for any external electronic components, connect the pump cable to the power source and start to extract water. The built-in electronics are directly cooled by the water flow; the operating temperature of the electronic components are kept low so as to ensure a considerably longer lifespan than an on-surface inverter affected by high temperature, humidity, dust and solar radiation.

Max head of 60 meters and flow rate up to 2.7 m³ per hour.

APPLICATION

- Potable water supply from deep wells
- Agricultural irrigation, livestock watering, etc.
- Municipal & industrial water supply
- Fountains
- Clean, chemically not aggressive, not explosive, without solids and fibre content

OPERATING CONDITIONS

- Max temperature: 35°C (92 °F)
- Min cooling speed: 0.2 m/s
- Sand content: Max. 50 g/m³
- Max immersion depth: 150 m

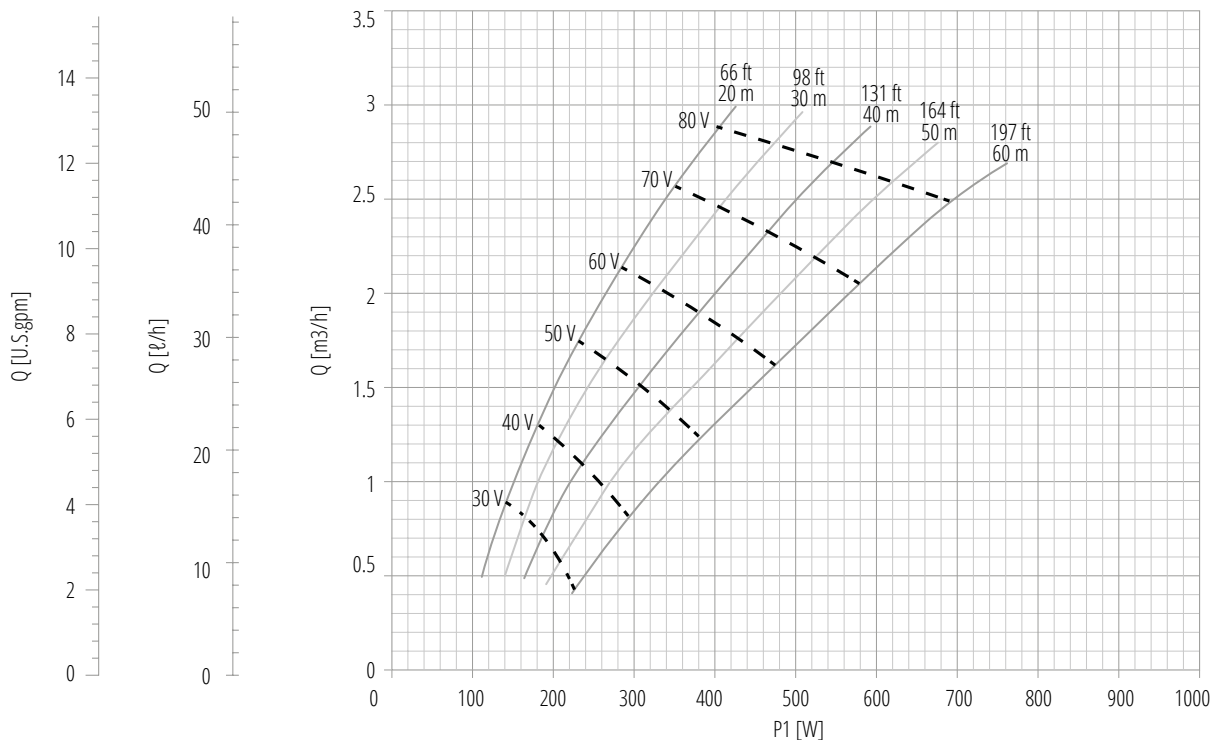
MOTOR

- Insulation Class F
- Protection IP68

MATERIALS

- Motor - AISI 304
- Helical Rotor - AISI 316 Chromed
- Helical Stator - EPDM + AISI 304
- Discharge Head - AISI 304

NERA



TYPE	VOLTAGE	MAX ABSORBED CURRENT	MAX ABSORBED POWER	LENGTH mm	DISCHARGE	PUMP WEIGHT kg	MAX DIAMETER mm	PACKING DIMENSIONS	TOTAL WEIGHT kg
		A	P1 [W]						
VSONERA02/01H	26 - 190 VDC	10 (130 VDC)	800	890	1 1/4"	10	99*	77 x 21 x 26	12

* Max. external diameter including cable and cable cover

HELICAL ROTOR SOLAR PUMPS

VSOL02/02H



The 4" Submersible Helical rotor solar pumps (4HS H), powered by renewable energy sources, is a new pump range driven by an AC permanent magnets motor with built-in inverter.

* 4HS H MultiPower pumps may be powered by AC or DC with a wide range of operating voltage (90 - 265 VAC / 90 - 340 VDC).

*This means that 4HS MP pumps can be connected to solar panels, batteries, wind turbine and generator. *The 4HS "H" pumps are equipped with a helical rotor that moves within a double helix rubber stator. *Over-current, over-temperature and dry run protections are integrated on-board.



APPLICATION

- Potable water supply from deep wells
- Agricultural irrigation, livestock watering, etc.
- Municipal & industrial water supply
- Fountains
- Clean, chemically not aggressive, not explosive, without solids and fibre content

MOTOR

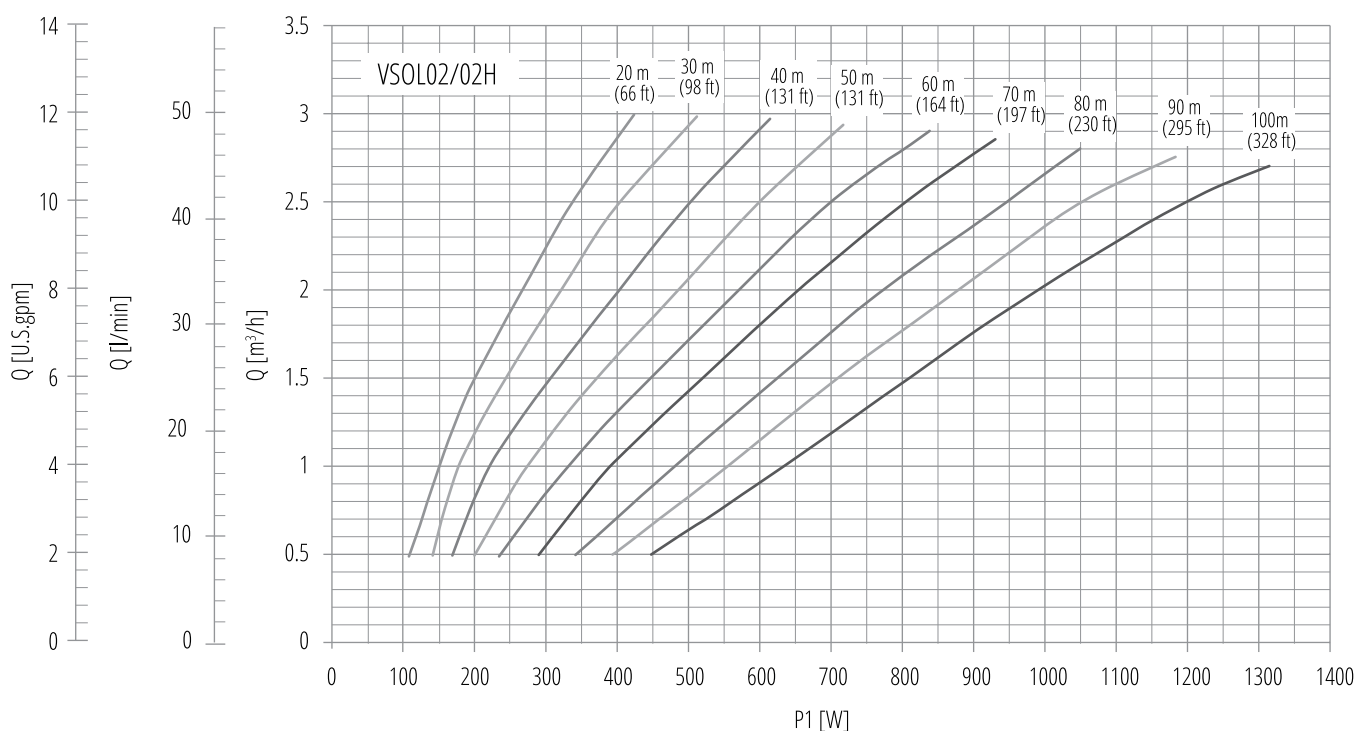
- Insulation Class F
- Protection IP68

MATERIALS

- Helicoidal Rotor - AISI 316 Chromed
- Non-Return Valve - AISI 304
- Impeller - AISI 304
- Helicoidal Stator - EPDM + AISI 304

OPERATING CONDITIONS

- Max temperature: 35°C (92 °F)
- Min cooling speed: 0.2 m/s
- Sand content: Max. 50 g/m³
- Max immersion depth: 150 m



TYPE	VOLTAGE	MAX ABSORBED CURRENT	POWER FACTOR	MAX ABSORBED POWER	DIMENSION mm	DELIVERY	PUMP WEIGHT kg	MAX DIAMETER mm	TOTAL WEIGHT kg
		A		P1 [W]					
VSOL02/02H	90 - 340 VDC	10 (130 VDC)	1	1300	1350	1 ¼"	19,5	101*	20,5
	90 - 265 VAC	10 (130 VAC)							

*Max. external diameter including cable and cable cover ** Pump sleeve available on code PUMPCASING125MM *** H/SHRINK available on code AMWA160/50

HELICAL ROTOR SOLAR PUMPS

VSOL01/03H



The 4" Submersible Helical rotor solar pumps (4HS H), powered by renewable energy sources, is a new pump range driven by an AC permanent magnets motor with built-in inverter.

* 4HS H MultiPower pumps may be powered by AC or DC with a wide range of operating voltage (90 - 265 VAC / 90 - 340 VDC).

*This means that 4HS MP pumps can be connected to solar panels, batteries, wind turbine and generator. * The 4HS "H" pumps are equipped with a helical rotor that moves within a double helix rubber stator. * Over-current, over-temperature and dry run protections are integrated on-board.

APPLICATION

- Potable water supply from deep wells
- Agricultural irrigation, livestock watering, etc.
- Municipal & industrial water supply
- Fountains
- Clean, chemically not aggressive, not explosive, without solids and fibre content

OPERATING CONDITIONS

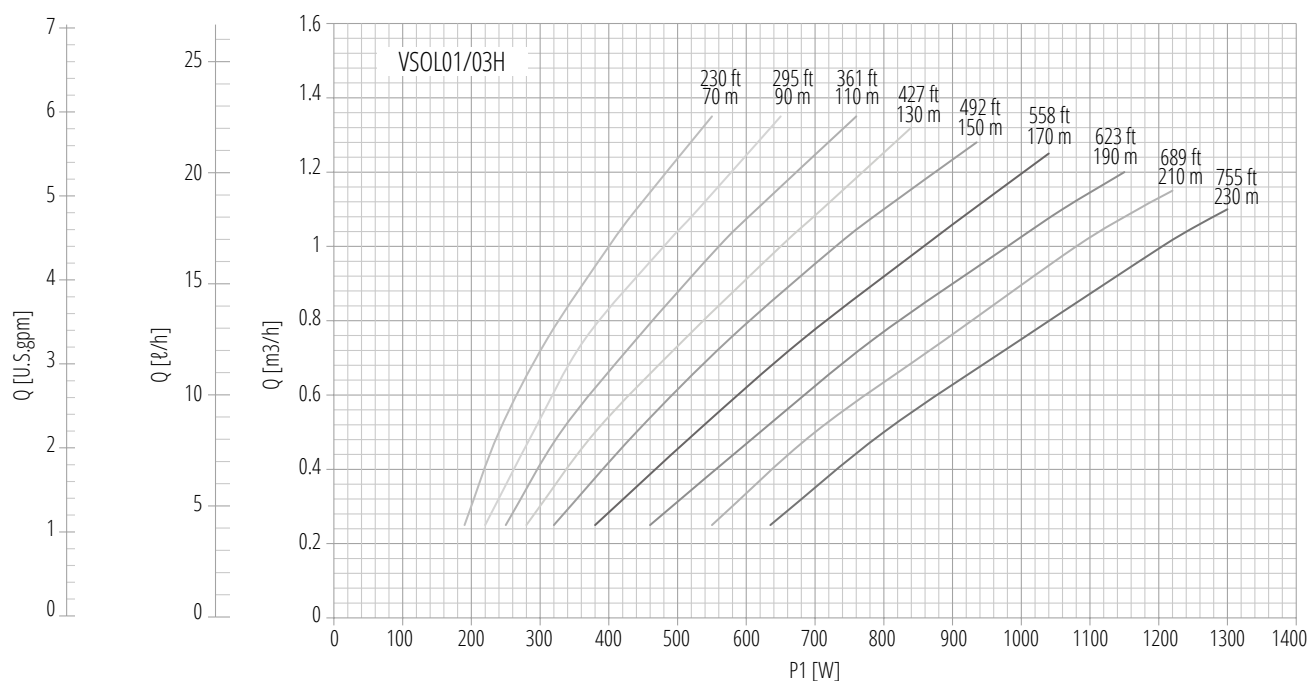
- Max temperature: 35°C (92 °F)
- Min cooling speed: 0.2 m/s
- Sand content: Max. 50 g/m³
- Max immersion depth: 150 m

MOTOR

- Insulation Class F
- Protection IP68

MATERIALS

- Helicoidal Rotor - AISI 316 Chromed
- Non-Return Valve - AISI 304
- Impeller - AISI 304
- Helicoidal Stator - EPDM + AISI 304



TYPE	VOLTAGE	MAX ABSORBED CURRENT	POWER FACTOR	MAX ABSORBED POWER	DIMENSION mm	DELIVERY	PUMP WEIGHT kg	MAX DIAMETER mm	PACKING DIMENSIONS cm	TOTAL WEIGHT kg
		A		P1 [W]						
VSOL01/03H	90 - 400 VDC	13 (100 VDC)	1	1300	1385	1 ¼"	21	99*	120 x 120 x 29	22
	90 - 265 VAC	13 (100 VAC)								

* Max. external diameter including cable and cable cover ** Pump sleeve available on code PUMPCASING125MM *** H/SHRINK available on code AMWA160/50

NERA SOLAR PUMP COMBO

VSONERA01/02C

NASTEC NERA solar pump 01/02H combo with 3 solar panels 302SD180HV.

HELICAL ROTOR PUMP

- Highest hydraulic efficiency
- Hard chromed rotor
- High quality EPDM stator

MOTOR

- High efficiency permanent magnet motor
- Resined and encapsulated stator made of stainless steel AISI 304
- Water cooled rotor
- Kingsbury thrust bearing

ENCAPSULATED ELECTRONIC

- High efficiency encapsulated inverter
- MPPT for maximum flow in all weather conditions
- Overcurrent, overtemperature and dry-run protected
- Removable power cable
- Water level sensor

3 SOLAR PANELS

- 180 Watt
- Voltage 36 V (Vmp)
- Current 5 A
- Open circuit voltage 44 V (Voc)

OPERATING CONDITIONS

- 120 m 1900 ℓ/day
- 100 m 3200 ℓ/day
- 80 m 4800 ℓ/day

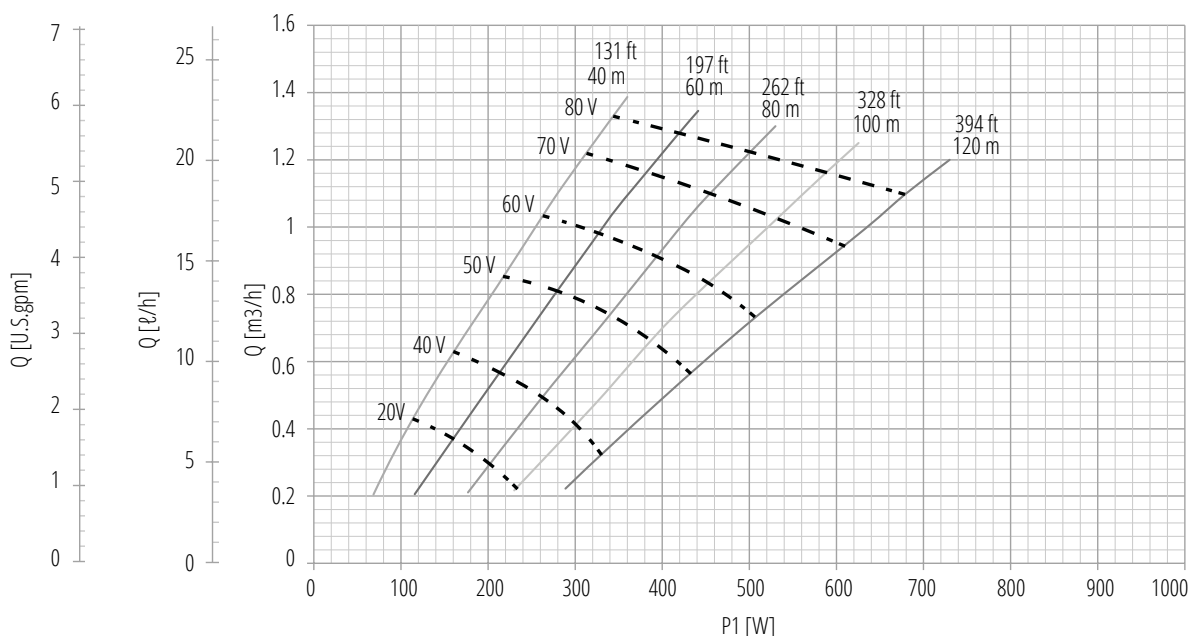
CABLE SELECTION

- 4 mm² 3 Core (Max. 100 m)
- 4 mm² 3 Core (Max. 80 m)
- 2.5 mm² 3 Core (Max. 60 m)

NOT INCLUDED

- HDPE pipe
- Maximum power voltage 36 V
- 2 x 32 mm Compression adaptors
- Base plate
- Submersible cable (3 core)
- Valves and fittings

NERA



TYPE	VOLTAGE	MAX ABSORBED CURRENT	MAX ABSORBED POWER	LENGTH mm	DISCHARGE	PUMP WEIGHT kg	MAX DIAMETER mm	PACKING DIMENSIONS	TOTAL WEIGHT kg
		A	P1 [W]						
VSONERA01/02C	26 - 190 VDC	10 (130 VDC)	800	930	1 1/4"	11	99*	77 x 21 x 26	13

* Max. external diameter including cable and cable cover

NERA SOLAR PUMP COMBO

VSONERA02/01C

NASTEC NERA solar pump 02/01H combo with 3 solar panels 302SD180HV.



HELICAL ROTOR PUMP

- Highest hydraulic efficiency
- Hard chromed rotor
- High quality EPDM stator

MOTOR

- High efficiency permanent magnet motor
- Resined and encapsulated stator made of stainless steel AISI 304
- Water cooled rotor
- Kingsbury thrust bearing

ENCAPSULATED ELECTRONIC

- High efficiency encapsulated inverter
- MPPT for maximum flow in all weather conditions
- Overcurrent, overtemperature and dry-run protected
- Removable power cable
- Water level sensor

3 SOLAR PANELS

- 180 Watt
- Voltage 36 V (Vmp)
- Current 5 A
- Open circuit voltage 44 V (Voc)

OPERATING CONDITIONS

- 60 m 6500 ℓ/day
- 50 m 9000 ℓ/day
- 40 m 11900 ℓ/day

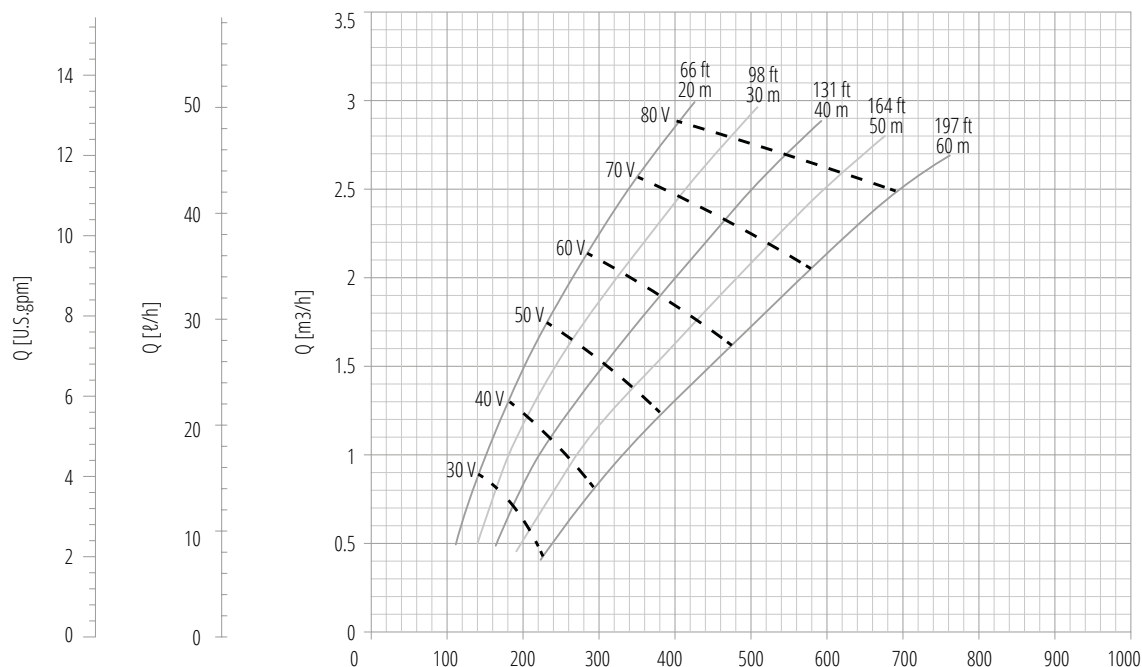
CABLE SELECTION

- 4 mm² 3 Core (Max. 100 m)
- 4 mm² 3 Core (Max. 80 m)
- 2.5 mm² 3 Core (Max. 60 m)

NOT INCLUDED

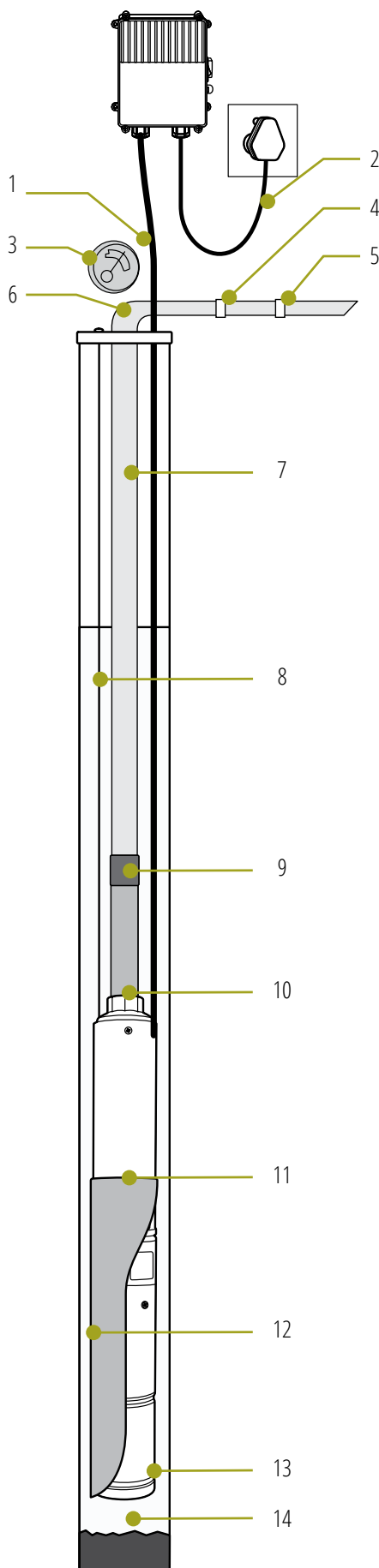
- HDPE pipe
- Maximum power voltage 36 V
- 2 x 32 mm Compression adaptors
- Base plate
- Submersible cable (3 core)
- Valves and fittings

NERA



TYPE	VOLTAGE	MAX ABSORBED CURRENT	MAX ABSORBED POWER	LENGTH mm	DISCHARGE	PUMP WEIGHT kg	MAX DIAMETER mm	PACKING DIMENSIONS	TOTAL WEIGHT kg
		A	P1 [W]						
VSONERA02/01C	26 - 190 VDC	10 (130 VDC)	800	890	1 1/4"	10	99*	77 x 21 x 26	12

* Max. external diameter including cable and cable cover



MINIMUM REQUIREMENTS FOR BOREHOLE PUMP INSTALLATION

1. **CABLE SIZING** - Cable sizes **MUST** be based on the distance between the supply entry point (Transformer) and the motor. (Consult Cable manufacturer). Tie the cable to the rising main.
2. **EARTHING** - Use an insulated earth wire, one size larger than the drop cable. Connect to the fourth wire of the motor lead out cable and M.O.V. Type arrestors. Arrestors **MUST** be installed as close to the motor (top of the borehole) as possible.
3. **PRESSURE GAUGE** - Preferably with drag pointer to indicate the presence of water hammer.
4. **NON-RETURN VALVE** - Surface non-return valves are optional.
5. **REGULATING VALVE** - A suitable control type valve, preferably one size smaller than the pipeline, is strongly recommended.
6. **WATER HAMMER** - If surface valves are installed, a vacuum breaker must be fitted. Schrader (tyre valve) or brass check valves can be used. Air-release valve is **NOT** acceptable.
7. **UP-THRUSTING** - For boreholes with higher static water levels, upthrusting on start-up can be minimised by using a smaller size rising main.
8. **LEVEL MEASUREMENT** - Dipper tube (open at the bottom) for measuring static and dynamic water levels. Tie the tube to the rising main.
9. **CORROSION CONTROL** - ½ to 1 metre of screwed and socketed galvanised pipe. Connect pipe to the motor with a stainless steel conductor.
10. **NON-RETURN VALVE** - A **FULLY OPERATIONAL** non-return valve **MUST** be installed at the discharge of the pump.
11. **COUPLING & SPINE LUBRICATION** - The pump coupling must be filled with a good quality water resistant grease eg SHELL ALVANIA WR. Rotate the coupling while joining the motor to the pump.
12. **INDUCER SLEEVE** - An inducer sleeve **MUST** be fitted if the pump is installed below the inflow point or if the inflow point is unknown.
13. **MOTOR PROTECTION** - Motor protection must open the circuit within 10 seconds of a locked rotor, single phasing or dry running condition occurring. Use a Control Box for intelligent system management.
14. **PREVENTING INGRESS OF SAND & SILT** - Pump and motor must be installed a minimum of 5 m from start of sediment or borehole bottom.

NOTES

1. Pump duty point must always fall within the middle third of the pump's operating curve.
2. Pressure surges must be prevented using appropriate valves and reticulation design.
3. Do not exceed the maximum number of starts per hour as specified.
4. All electrical control apparatus must be in good working condition. Regular checks should be made for loose connections and burnt contractor points.
5. Prolonged operation against a closed or partially open valve must be avoided.

01 IRRIGATION PUMPS & MOTORS

CABLE SPECIFICATION

- Only cable designed for use under water must be used in the borehole.
- These lengths are the maximum permissible lengths of cable in METRES from the POWER SOURCE to the MOTOR.
- Exceeding these lengths will void the warranty.

The depth of the borehole must be added to the cable length in order to get the total cable length.

MAXIMUM LENGTHS FOR SINGLE-PHASE MOTOR (COPPER CABLE) IN METRES

MOTOR RATING		CABLE SIZE (mm ²)										
	kW	1.5 mm ²	2.5 mm ²	4 mm ²	6 mm ²	10 mm ²	16 mm ²	25 mm ²	35 mm ²	50 mm ²	70 mm ²	95 mm ²
220 V 50 Hz	0.25	170	280	450	670	1130	1750	2640	3590	4940	6560	8110
	0.37	120	200	320	480	810	1260	1900	2590	3580	4770	5920
	0.55	80	130	220	320	550	850	1290	1760	2430	3230	4000
	0.75	60	100	170	250	430	670	1010	1380	1910	2550	3160
	1.1	40	70	120	180	300	470	710	980	1360	1850	2320
	1.5	30	60	90	130	230	360	550	760	1060	1440	1820
	2.2	20	40	60	90	150	230	350	490	680	920	1160

MAXIMUM LENGTHS FOR THREE-PHASE MOTOR (COPPER CABLE) IN METRES

MOTOR RATING		CABLE SIZE (mm ²)										
	kW	1.5 mm ²	2.5 mm ²	4 mm ²	6 mm ²	10 mm ²	16 mm ²	25 mm ²	35 mm ²	50 mm ²	70 mm ²	95 mm ²
400 V 50 Hz	0.37	810	1350	2160	3240	5500	8530					
	0.55	550	920	1480	2230	3780	5860	8890				
	0.75	410	680	1090	1640	2780	4330	6570	9010			
	1.1	300	500	810	1210	2060	3200	4850	6640	9220		
	1.5	220	370	590	880	1500	2340	3560	4890	6830	9230	
	2.2	150	250	400	600	1030	1600	2440	3350	4680	6340	7990
	3	110	190	310	460	790	1230	1880	2590	3630	4930	6230
	3.7	90	150	240	370	630	980	1490	2050	2870	3900	4920
	4	80	140	230	340	590	920	1390	1910	2670	3600	4520
	5.5	60	110	170	260	440	690	1060	1450	2030	2750	3460
	7.5	50	80	130	200	340	530	810	1110	1560	2120	2680
	11		50	90	130	230	360	550	750	1060	1440	1820
	15			70	100	170	270	410	570	800	1080	1370
	18.5				80	140	210	330	450	630	860	1090
	22				70	120	180	280	380	540	740	930

MULTI STAGE BARESHAFT CENTRIFUGAL HP PUMP

rovatti pompe

S4K125/2E

APPLICATION

Rovatti pumps of the S4K125/2E model is as multi-stage, bare shaft centrifugal end suction pump. This Rovatti model of centrifugal end-suction pump can deliver flowrates of up to 195 m³/h and pressures of over 90 m. This Rovatti pump includes the exclusive Rovatti Twinner System®, which allows easy operation on the gland packing box, without having to remove the pump's shaft support. Stainless steel screws that allow easy disassembling, control and stuffing-box replacement procedures even after several operation hours. The applications of the Rovatti pumps include irrigation, liquid transfer, firefighting systems and filling of dams and reservoirs.



OPERATING DATA SPECIFICATION

- Fluid: Pure water
- Type of installation: Single head pump

USE LIMITS

- Max. running time with Q=0: 2 min
- Maximum solid contents : 40 g/m³
- Maximum pumped liquid temp: 90°C
- Maximum density: 998 kg/m³
- Maximum viscosity: 1 mm²/s

PERFORMANCES

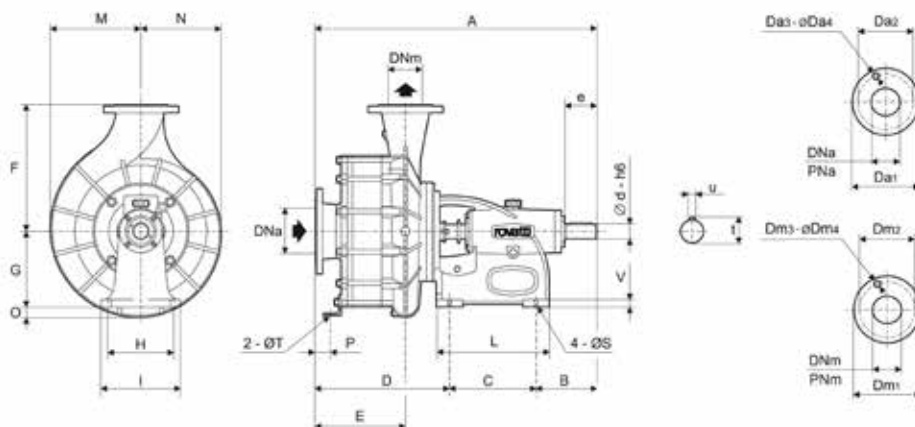
- Temperature: 20°C
- Tolerances: ISO 9906 Grade 3B

MATERIALS

- | | |
|----------------------------|-------------------|
| - Pump body | - Cast Iron |
| - Impeller | - Cast Iron |
| - Suction bowl | - Cast Iron |
| - Wear ring | - Cast Iron |
| - Bearing support | - Cast Iron |
| - Twinner system® | - Stainless Steel |
| - Tie rod | - Steel |
| - Diffuser shell | - Cast Iron |
| - Diffuser | - Cast Iron |
| - Shaft | - Steel |
| - Shaft protection bushing | - Steel |

TYPE	DNa	DNm	PACKAGE DIMENSION (mm)			TOTAL WEIGHT
			L	W	H	kg
S4K125/E	125	100	907	552	680	236

DIMENSIONS (mm)														
A	B	C	D	E	F	G	H	I	L	M	N	O	P	S
907	197	300	410	280	400	280	240	285	400	286	266	-	-	24
V	d	e	u	t	Da1	Da2	PNa	Dm1	Dm2	PNm	Da4	Dm4	Dm4	Da3
30	48	110	12	52	250	210	10	220	180	16	19	8	19	8



* Depending on the operating pressure

SINGLE STAGE CENTRIFUGAL PUMP 40-200 GH

SN1F40-200

rovatti pompe

APPLICATION

Horizontal single stage centrifugal pump with an axial inlet and a radially adjustable outlet. The Rovatti range of centrifugal end-suction pumps can deliver flowrates of up to 500 m³/h and pressures of up to 150 m. This Rovatti pump includes the exclusive Rovatti Twinner System[®], which allows easy operation on the gland packing box, without having to remove the pump's shaft support. Stainless steel screws that allow easy disassembling, control and stuffing-box replacement procedures even after several operation hours. The applications of the Rovatti pumps include irrigation, liquid transfer, firefighting systems and filling of dams and reservoirs.

The cast iron components in this pump are coated with Rovatti's specially developed cathaphoresis coating. The Rovatti cathaphoresis coating is an electrochemical coating process for cast iron components, to improve protection from weather conditions, alkali and diluted acids. Rovatti's cathaphoresis treatment is characterised by a high adhesion to the surfaces and uniformity of the coating, also in the inner cavities of the component. The result is a black semi-gloss protective layer with homogenous thickness. The cathaphoresis treatment produces a reduced surface friction in the hydraulic channels, improving pump efficiency and increasing driving motor life. Components treated with the Rovatti cathaphoresis coating are easily removable during routine maintenance operations.



OPERATING DATA SPECIFICATION

- Fluid: Pure water
- Type of installation: Single head pump

PUMP OPERATING DATA

- Impeller ø: 220 mm

USE LIMITS

- Max. running time with Q=0: 2 min
- Maximum solid contents : 60 g/m³
- Maximum pumped liquid temp: 90°C
- Maximum density: 998 kg/m³
- Maximum viscosity: 1 mm²/s

PERFORMANCES

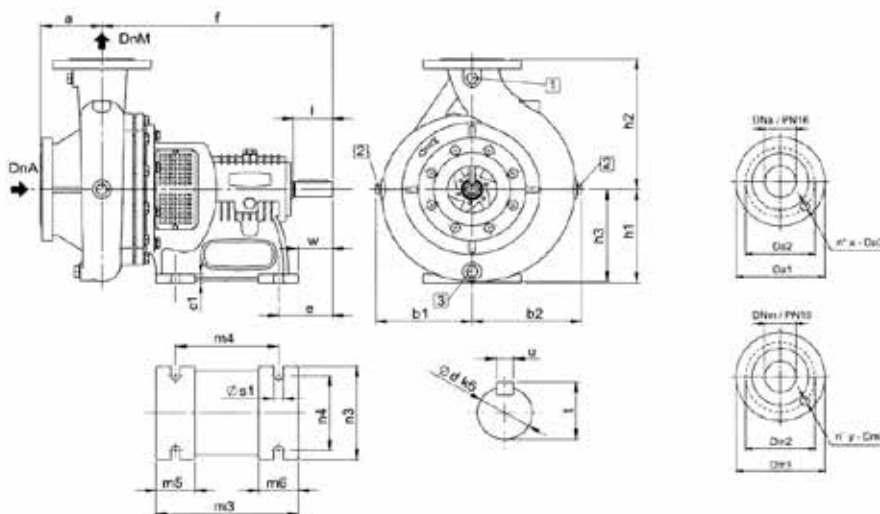
- Temperature: 20°C
- Tolerances: ISO 9906 Grade 3B

MATERIALS

- | | |
|-------------------------------|-----------------------------|
| - Pump body | - Cast Iron |
| - Impeller | - Cast Iron + Cathaphoresis |
| - Wear ring | - Cast Iron |
| - Bearing support | - Cast Iron |
| - Twinner system [®] | - Stainless Steel |
| - Shaft | - Stainless Steel |
| - Shaft protection bushing | - Chromed Stainless Steel |

TYPE	DNa	DNm	PACKAGE DIMENSION (mm)			TOTAL WEIGHT
			L	W	H	kg
SN1F40-200	65	40	460	295	340	46

DIMENSIONS (mm)																
a	b1	b2	c1	f	h1	h2	h3	m3	m4	m5	m6	n3	n4	s1	e	
100	142	153	16	360	160	180	146	230	160	70	70	160	125	14	80	
w	d	l	u	t	1	2	3	Da1	Da2	Da3	Dm1	Dm2	Dm3	x	y	
45	24	50	8	26	G 1/4"	G 1/4"	G 1/4"	185	145	18	150	110	18	4	4	



SINGLE STAGE CENTRIFUGAL PUMP 40-250 GH

SN2F40-250

rovatti pompe

APPLICATION

Horizontal single stage centrifugal pump with an axial inlet and a radially adjustable outlet. The Rovatti range of centrifugal end-suction pumps can deliver flowrates of up to 500 m³/h and pressures of up to 150 m. This Rovatti pump includes the exclusive Rovatti Twinner System®, which allows easy operation on the gland packing box, without having to remove the pump's shaft support. Stainless steel screws that allow easy disassembling, control and stuffing-box replacement procedures even after several operation hours. The applications of the Rovatti pumps include irrigation, liquid transfer, firefighting systems and filling of dams and reservoirs.

The cast iron components in this pump are coated with Rovatti's specially developed cataphoresis coating. The Rovatti cataphoresis coating is an electrochemical coating process for cast iron components, to improve protection from weather conditions, alkali and diluted acids. Rovatti's cataphoresis treatment is characterised by a high adhesion to the surfaces and uniformity of the coating, also in the inner cavities of the component. The result is a black semi-gloss protective layer with homogenous thickness. The cataphoresis treatment produces a reduced surface friction in the hydraulic channels, improving pump efficiency and increasing driving motor life. Components treated with the Rovatti cataphoresis coating are easily removable during routine maintenance operations.



OPERATING DATA SPECIFICATION

- Fluid: Pure water
- Type of installation: Single head pump

PUMP OPERATING DATA

- Impeller ø: 270 mm

USE LIMITS

- Max. running time with Q=0: 2 min
- Maximum solid contents : 60 g/m³
- Maximum pumped liquid temp: 90°C
- Maximum density: 998 kg/m³
- Maximum viscosity: 1 mm²/s

PERFORMANCES

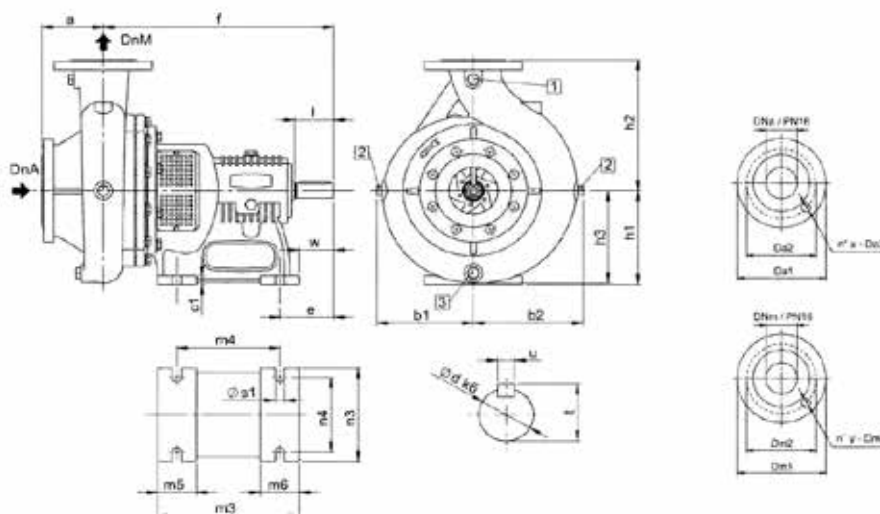
- Temperature: 20°C
- Tolerances: ISO 9906 Grade 3B

MATERIALS

- Pump body - Cast Iron
- Impeller - Cast Iron + Cataphoresis
- Wear ring - Cast Iron
- Support - Cast Iron
- Bearing support - Cast Iron
- Twinner system® - Stainless Steel
- Shaft - Stainless Steel
- Shaft protection bushing - Chromed Stainless Steel

TYPE	DNa	DNm	PACKAGE DIMENSION (mm)			TOTAL WEIGHT kg
			L	W	H	
SN2F40-250	65	40	460	346	385	58

DIMENSIONS (mm)															
a	b1	b2	c1	f	h1	h2	h3	m3	m4	m5	m6	n3	n4	s1	e
100	168	178	16	360	160	225	171	230	160	70	70	160	125	14	80
w	d	l	u	t	1	2	3	Da1	Da2	Da3	Dm1	Dm2	Dm3	x	y
45	24	50	8	26	G 1/4"	G 1/4"	G 1/4"	185	145	18	150	110	18	4	4



SINGLE STAGE CENTRIFUGAL PUMP 50-200 GH

rovatti pompe

SN1F50-200

APPLICATION

Horizontal single stage centrifugal pump with an axial inlet and a radially adjustable outlet. The Rovatti range of centrifugal end-suction pumps can deliver flowrates of up to 500 m³/h and pressures of up to 150 m. This Rovatti pump includes the exclusive Rovatti Twinner System®, which allows easy operation on the gland packing box, without having to remove the pump's shaft support. Stainless steel screws that allow easy disassembling, control and stuffing-box replacement procedures even after several operation hours. The applications of the Rovatti pumps include irrigation, liquid transfer, firefighting systems and filling of dams and reservoirs.

The cast iron components in this pump are coated with Rovatti's specially developed cataphoresis coating. The Rovatti cataphoresis coating is an electrochemical coating process for cast iron components, to improve protection from weather conditions, alkali and diluted acids. Rovatti's cataphoresis treatment is characterised by a high adhesion to the surfaces and uniformity of the coating, also in the inner cavities of the component. The result is a black semi-gloss protective layer with homogenous thickness. The cataphoresis treatment produces a reduced surface friction in the hydraulic channels, improving pump efficiency and increasing driving motor life. Components treated with the Rovatti cataphoresis coating are easily removable during routine maintenance operations.



OPERATING DATA SPECIFICATION

- Fluid: Pure water
- Type of installation: Single head pump

PUMP OPERATING DATA

- Impeller ø: 220 mm

USE LIMITS

- Max. running time with Q=0: 2 min
- Maximum solid contents : 60 g/m³
- Maximum pumped liquid temp: 90°C
- Maximum density: 998 kg/m³
- Maximum viscosity: 1 mm²/s

PERFORMANCES

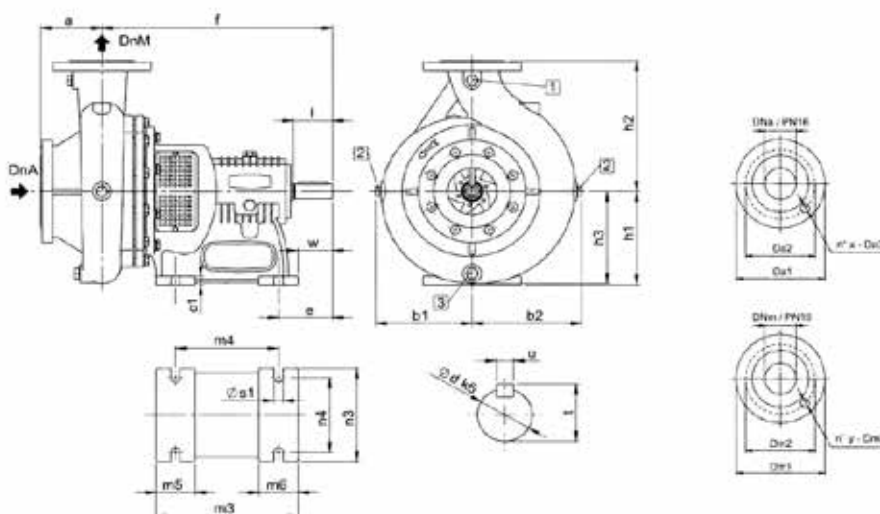
- Temperature: 20°C
- Tolerances: ISO 9906 Grade 3B

MATERIALS

- | | |
|----------------------------|----------------------------|
| - Pump body | - Cast Iron |
| - Impeller | - Cast Iron + Cataphoresis |
| - Wear ring | - Cast Iron |
| - Bearing support | - Cast Iron |
| - Twinner system® | - Stainless Steel |
| - Shaft | - Stainless Steel |
| - Shaft protection bushing | - Chromed Stainless Steel |

TYPE	DNa	DNm	PACKAGE DIMENSION (mm)			TOTAL WEIGHT
			L	W	H	kg
SN1F50-200	65	50	460	295	340	48

DIMENSIONS (mm)																
a	b1	b2	c1	f	h1	h2	h3	m3	m4	m5	m6	n3	n4	s1	e	
100	146	159	16	360	160	200	151	230	160	70	70	160	125	14	80	
w	d	l	u	t	1	2	3	Da1	Da2	Da3	Dm1	Dm2	Dm3	x	y	
45	24	50	8	26	G 1/4"	G 1/4"	G 1/4"	185	145	18	165	125	18	4	4	



SINGLE STAGE CENTRIFUGAL PUMP 50-250 GH

SN2F50-250

rovatti pompe

APPLICATION

Horizontal single stage centrifugal pump with an axial inlet and a radially adjustable outlet. The Rovatti range of centrifugal end-suction pumps can deliver flowrates of up to 500 m³/h and pressures of up to 150 m. This Rovatti pump includes the exclusive Rovatti Twinner System®, which allows easy operation on the gland packing box, without having to remove the pump's shaft support. Stainless steel screws that allow easy disassembling, control and stuffing-box replacement procedures even after several operation hours. The applications of the Rovatti pumps include irrigation, liquid transfer, firefighting systems and filling of dams and reservoirs.

The cast iron components in this pump are coated with Rovatti's specially developed cataphoresis coating. The Rovatti cataphoresis coating is an electrochemical coating process for cast iron components, to improve protection from weather conditions, alkali and diluted acids. Rovatti's cataphoresis treatment is characterised by a high adhesion to the surfaces and uniformity of the coating, also in the inner cavities of the component. The result is a black semi-gloss protective layer with homogenous thickness. The cataphoresis treatment produces a reduced surface friction in the hydraulic channels, improving pump efficiency and increasing driving motor life. Components treated with the Rovatti cataphoresis coating are easily removable during routine maintenance operations.



OPERATING DATA SPECIFICATION

- Fluid: Pure water
- Type of installation: Single head pump

PUMP OPERATING DATA

- Impeller ø: 200 mm

USE LIMITS

- Max. running time with Q=0: 2 min
- Maximum solid contents: 60 g/m³
- Maximum pumped liquid temp: 90°C
- Maximum density: 998 kg/m³
- Maximum viscosity: 1 mm²/s

PERFORMANCES

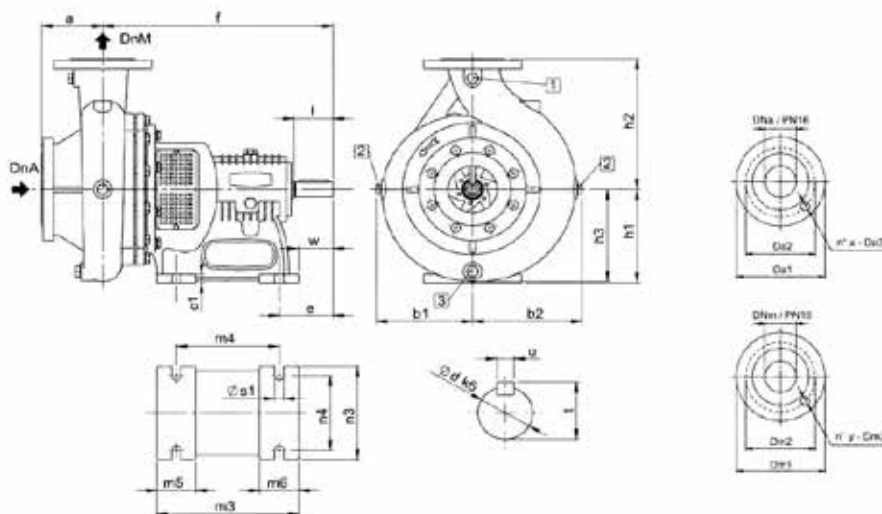
- Temperature: 20°C
- Tolerances: ISO 9906 Grade 3B

MATERIALS

- Pump body - Cast Iron
- Impeller - Cast Iron + Cataphoresis
- Wear ring - Cast Iron
- Support - Cast Iron
- Bearing support - Cast Iron
- Twinner system® - Stainless Steel
- Shaft - Stainless Steel
- Shaft protection bushing - Chromed Stainless Steel

TYPE	DNa	DNm	PACKAGE DIMENSION (mm)			TOTAL WEIGHT
			L	W	H	kg
SN2F50-250	65	50	460	351	385	61

DIMENSIONS (mm)															
a	b1	b2	c1	f	h1	h2	h3	m3	m4	m5	m6	n3	n4	s1	e
100	169	182	16	360	160	225	174	230	160	70	70	160	125	14	80
w	d	l	u	t	1	2	3	Da1	Da2	Da3	Dm1	Dm2	Dm3	x	y
45	24	50	8	26	G ¼"	G ¼"	G ⅜"	185	145	18	165	125	18	4	4



SINGLE STAGE CENTRIFUGAL PUMP 65-200 GH

SN1F65-200

rovatti pompe

APPLICATION

Horizontal single stage centrifugal pump with an axial inlet and a radially adjustable outlet. The Rovatti range of centrifugal end-suction pumps can deliver flowrates of up to 500 m³/h and pressures of up to 150 m. This Rovatti pump includes the exclusive Rovatti Twinner System[®], which allows easy operation on the gland packing box, without having to remove the pump's shaft support. Stainless steel screws that allow easy disassembling, control and stuffing-box replacement procedures even after several operation hours. The applications of the Rovatti pumps include irrigation, liquid transfer, firefighting systems and filling of dams and reservoirs.

The cast iron components in this pump are coated with Rovatti's specially developed cataphoresis coating. The Rovatti cataphoresis coating is an electrochemical coating process for cast iron components, to improve protection from weather conditions, alkali and diluted acids. Rovatti's cataphoresis treatment is characterised by a high adhesion to the surfaces and uniformity of the coating, also in the inner cavities of the component. The result is a black semi-gloss protective layer with homogenous thickness. The cataphoresis treatment produces a reduced surface friction in the hydraulic channels, improving pump efficiency and increasing driving motor life. Components treated with the Rovatti cataphoresis coating are easily removable during routine maintenance operations.



OPERATING DATA SPECIFICATION

- Fluid: Pure water
- Type of installation: Single head pump

PUMP OPERATING DATA

- Impeller ø: 220 mm

USE LIMITS

- Max. running time with Q=0: 2 min
- Maximum solid contents: 60 g/m³
- Maximum pumped liquid temp: 90°C
- Maximum density: 998 kg/m³
- Maximum viscosity: 1 mm²/s

PERFORMANCES

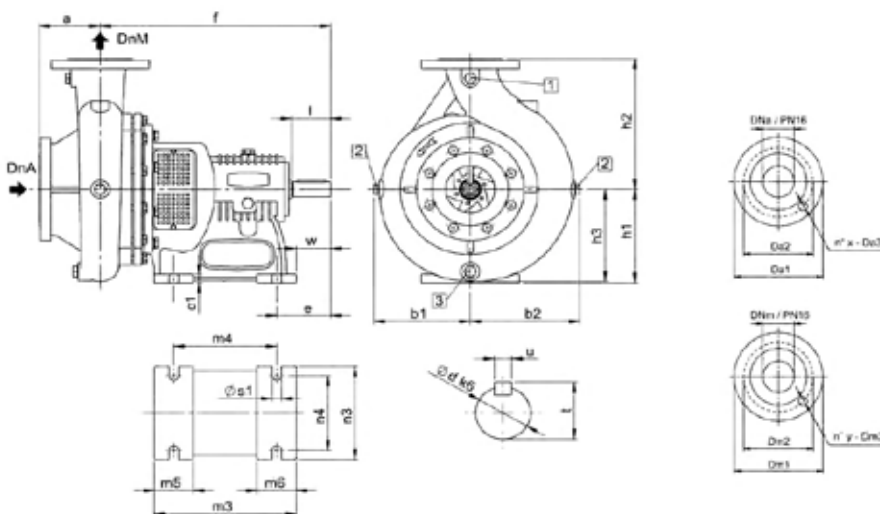
- Temperature: 20°C
- Tolerances: ISO 9906 Grade 3B

MATERIALS

- | | |
|-------------------------------|----------------------------|
| - Pump body | - Cast Iron |
| - Impeller | - Cast Iron + Cataphoresis |
| - Wear ring | - Cast Iron |
| - Support | - Cast Iron |
| - Bearing support | - Cast Iron |
| - Twinner system [®] | - Stainless Steel |
| - Shaft | - Stainless Steel |
| - Shaft protection bushing | - Chromed Stainless Steel |

TYPE	DNa	DNm	PACKAGE DIMENSION (mm)			TOTAL WEIGHT
			L	W	H	kg
SN1F65-200	80	65	460	330	385	51

DIMENSIONS (mm)															
a	b1	b2	c1	f	h1	h2	h3	m3	m4	m5	m6	n3	n4	s1	e
100	156	174	16	360	160	225	163	230	160	70	70	160	125	14	80
w	d	l	u	t	1	2	3	Da1	Da2	Da3	Dm1	Dm2	Dm3	x	y
45	24	50	8	26	G 1/4"	G 1/4"	G 1/4"	200	160	18	185	145	18	8	4



SINGLE STAGE CENTRIFUGAL PUMP 65-250 GH

SN3F65-250

rovatti pompe

APPLICATION

Horizontal single stage centrifugal pump with an axial inlet and a radially adjustable outlet. The Rovatti range of centrifugal end-suction pumps can deliver flowrates of up to 500 m³/h and pressures of up to 150 m. This Rovatti pump includes the exclusive Rovatti Twinner System®, which allows easy operation on the gland packing box, without having to remove the pump's shaft support. Stainless steel screws that allow easy disassembling, control and stuffing-box replacement procedures even after several operation hours. The applications of the Rovatti pumps include irrigation, liquid transfer, firefighting systems and filling of dams and reservoirs.

The cast iron components in this pump are coated with Rovatti's specially developed cataphoresis coating. The Rovatti cataphoresis coating is an electrochemical coating process for cast iron components, to improve protection from weather conditions, alkali and diluted acids. Rovatti's cataphoresis treatment is characterised by a high adhesion to the surfaces and uniformity of the coating, also in the inner cavities of the component. The result is a black semi-gloss protective layer with homogenous thickness. The cataphoresis treatment produces a reduced surface friction in the hydraulic channels, improving pump efficiency and increasing driving motor life. Components treated with the Rovatti cataphoresis coating are easily removable during routine maintenance operations.



OPERATING DATA SPECIFICATION

- Fluid: Pure water
- Type of installation: Single head pump

PUMP OPERATING DATA

- Impeller ø: 270 mm

USE LIMITS

- Max. running time with Q=0: 2 min
- Maximum solid contents: 60 g/m³
- Maximum pumped liquid temp: 90°C
- Maximum density: 998 kg/m³
- Maximum viscosity: 1 mm²/s

PERFORMANCES

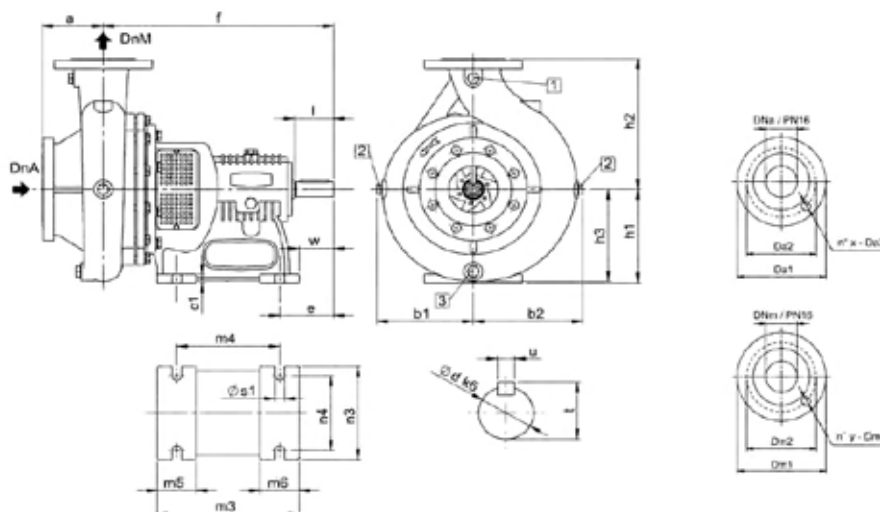
- Temperature: 20°C
- Tolerances: ISO 9906 Grade 3B

MATERIALS

- | | |
|----------------------------|----------------------------|
| - Pump body | - Cast Iron |
| - Impeller | - Cast Iron + Cataphoresis |
| - Wear ring | - Cast Iron |
| - Support | - Cast Iron |
| - Bearing support | - Cast Iron |
| - Twinner system® | - Stainless Steel |
| - Shaft | - Stainless Steel |
| - Shaft protection bushing | - Chromed Stainless Steel |

TYPE	DNa	DNm	PACKAGE DIMENSION (mm)			TOTAL WEIGHT
			L	W	H	kg
SN3F65-250	80	65	570	372	450	83

DIMENSIONS (mm)															
a	b1	b2	c1	f	h1	h2	h3	m3	m4	m5	m6	n3	n4	s1	e
100	177	195	18	470	200	250	186	290	210	80	80	200	160	19	110
w	d	l	u	t	1	2	3	Da1	Da2	Da3	Dm1	Dm2	Dm3	x	y
70	32	80	10	35	G 3/8"	G 3/8"	G 3/8"	200	160	18	185	145	18	8	4



ROVATTI SINGLE STAGE CENTRIFUGAL PUMP 80-200 GH

rovatti pompe

SN3F80-200

APPLICATION

Horizontal single stage centrifugal pump with an axial inlet and a radially adjustable outlet. The Rovatti range of centrifugal end-suction pumps can deliver flowrates of up to 500 m³/h and pressures of up to 150 m. This Rovatti pump includes the exclusive Rovatti Twinner System®, which allows easy operation on the gland packing box, without having to remove the pump's shaft support. Stainless steel screws that allow easy disassembling, control and stuffing-box replacement procedures even after several operation hours. The applications of the Rovatti pumps include irrigation, liquid transfer, firefighting systems and filling of dams and reservoirs.

The cast iron components in this pump are coated with Rovatti's specially developed cataphoresis coating. The Rovatti cataphoresis coating is an electrochemical coating process for cast iron components, to improve protection from weather conditions, alkali and diluted acids. Rovatti's cataphoresis treatment is characterised by a high adhesion to the surfaces and uniformity of the coating, also in the inner cavities of the component. The result is a black semi-gloss protective layer with homogenous thickness. The cataphoresis treatment produces a reduced surface friction in the hydraulic channels, improving pump efficiency and increasing driving motor life. Components treated with the Rovatti cataphoresis coating are easily removable during routine maintenance operations.



OPERATING DATA SPECIFICATION

- Fluid: Pure water
- Type of installation: Single head pump

PUMP OPERATING DATA

- Impeller ø: 220 mm

USE LIMITS

- Max. running time with Q=0: 2 min
- Maximum solid contents : 60 g/m³
- Maximum pumped liquid temp: 90°C
- Maximum density: 998 kg/m³
- Maximum viscosity: 1 mm²/s

PERFORMANCES

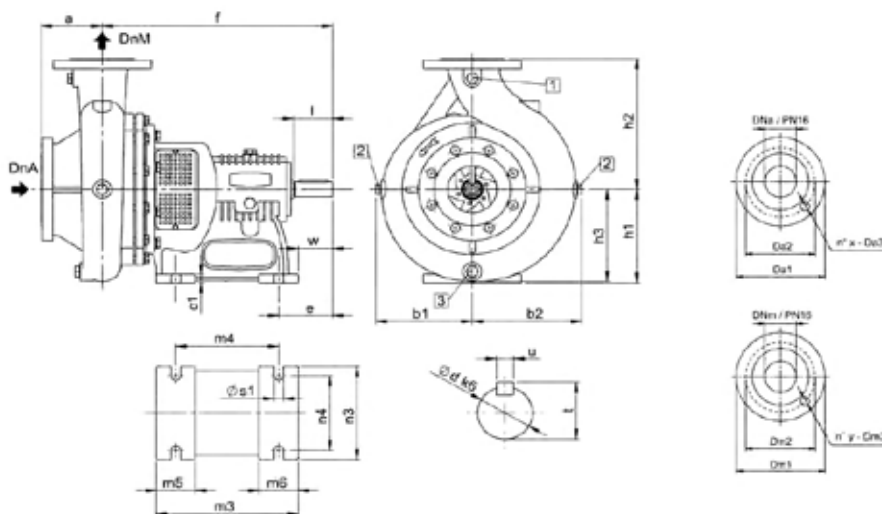
- Temperature: 20°C
- Tolerances: ISO 9906 Grade 3B

MATERIALS

- | | |
|----------------------------|----------------------------|
| - Pump body | - Cast Iron |
| - Impeller | - Cast Iron + Cataphoresis |
| - Wear ring | - Cast Iron |
| - Bearing support | - Cast Iron |
| - Support | - Cast Iron |
| - Twinner system® | - Stainless Steel |
| - Shaft | - Stainless Steel |
| - Shaft protection bushing | - Chromed Stainless Steel |

TYPE	DNa	DNm	PACKAGE DIMENSION (mm)			TOTAL WEIGHT kg
			L	W	H	
SN3F80-200	100	80	595	357	450	72

DIMENSIONS (mm)															
a	b1	b2	c1	f	h1	h2	h3	m3	m4	m5	m6	n3	n4	s1	e
125	166	191	18	470	200	250	177	290	210	80	80	200	160	19	110
w	d	l	u	t	1	2	3	Da1	Da2	Da3	Dm1	Dm2	Dm3	x	y
70	32	80	10	35	G 1/4"	G 1/4"	G 3/8"	220	180	18	200	160	18	8	8



SINGLE STAGE CENTRIFUGAL PUMP 80-250 GH

SN3F80-250

rovatti pompe

APPLICATION

Horizontal single stage centrifugal pump with an axial inlet and a radially adjustable outlet. The Rovatti range of centrifugal end-suction pumps can deliver flowrates of up to 500 m³/h and pressures of up to 150 m. This Rovatti pump includes the exclusive Rovatti Twinner System®, which allows easy operation on the gland packing box, without having to remove the pump's shaft support. Stainless steel screws that allow easy disassembling, control and stuffing-box replacement procedures even after several operation hours. The applications of the Rovatti pumps include irrigation, liquid transfer, firefighting systems and filling of dams and reservoirs.

The cast iron components in this pump are coated with Rovatti's specially developed cataphoresis coating. The Rovatti cataphoresis coating is an electrochemical coating process for cast iron components, to improve protection from weather conditions, alkali and diluted acids. Rovatti's cataphoresis treatment is characterised by a high adhesion to the surfaces and uniformity of the coating, also in the inner cavities of the component. The result is a black semi-gloss protective layer with homogenous thickness. The cataphoresis treatment produces a reduced surface friction in the hydraulic channels, improving pump efficiency and increasing driving motor life. Components treated with the Rovatti cataphoresis coating are easily removable during routine maintenance operations.



OPERATING DATA SPECIFICATION

- Fluid: Pure water
- Type of installation: Single head pump

PUMP OPERATING DATA

- Impeller ø: 270 mm

USE LIMITS

- Max. running time with Q=0: 2 min
- Maximum solid contents: 60 g/m³
- Maximum pumped liquid temp: 90°C
- Maximum density: 998 kg/m³
- Maximum viscosity: 1 mm²/s

PERFORMANCES

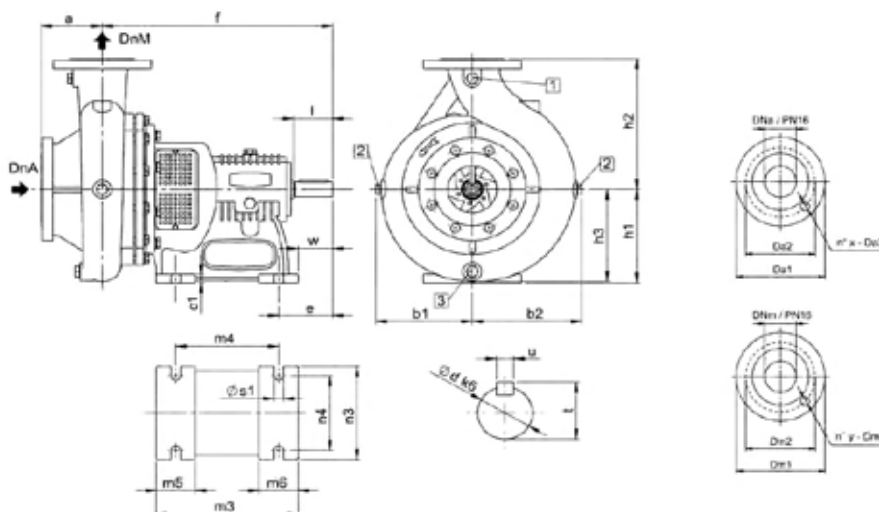
- Temperature: 20°C
- Tolerances: ISO 9906 Grade 3B

MATERIALS

- | | |
|----------------------------|---------------------------|
| - Pump body | - Cast Iron |
| - Impeller | - Stainless Steel |
| - Wear ring | - Cast Iron |
| - Support | - Cast Iron |
| - Bearing support | - Cast Iron |
| - Twinner system® | - Stainless Steel |
| - Shaft | - Stainless Steel |
| - Shaft protection bushing | - Chromed Stainless Steel |

TYPE	DNa	DNm	PACKAGE DIMENSION (mm)			TOTAL WEIGHT
			L	W	H	kg
SN3F80-250	100	80	595	399	480	89

DIMENSIONS (mm)															
a	b1	b2	c1	f	h1	h2	h3	m3	m4	m5	m6	n3	n4	s1	e
125	186	213	18	470	200	280	197	290	210	80	80	200	160	19	110
w	d	l	u	t	1	2	3	Da1	Da2	Da3	Dm1	Dm2	Dm3	x	y
70	32	80	10	35	G ¾"	G ¾"	G ¾"	220	180	18	200	160	18	8	8



SINGLE STAGE CENTRIFUGAL PUMP 80-400 GG

SN4FR80-400

rovatti pompe

APPLICATION

Horizontal single stage centrifugal pump with an axial inlet and a radially adjustable outlet. The Rovatti range of centrifugal end-suction pumps can deliver flowrates of up to 500 m³/h and pressures of up to 150 m. This Rovatti pump includes the exclusive Rovatti Twinner System®, which allows easy operation on the gland packing box, without having to remove the pump's shaft support. Stainless steel screws that allow easy disassembling, control and stuffing-box replacement procedures even after several operation hours. The applications of the Rovatti pumps include irrigation, liquid transfer, firefighting systems and filling of dams and reservoirs.

The cast iron components in this pump are coated with Rovatti's specially developed cataphoresis coating. The Rovatti cataphoresis coating is an electrochemical coating process for cast iron components, to improve protection from weather conditions, alkali and diluted acids. Rovatti's cataphoresis treatment is characterised by a high adhesion to the surfaces and uniformity of the coating, also in the inner cavities of the component. The result is a black semi-gloss protective layer with homogenous thickness. The cataphoresis treatment produces a reduced surface friction in the hydraulic channels, improving pump efficiency and increasing driving motor life. Components treated with the Rovatti cataphoresis coating are easily removable during routine maintenance operations.



OPERATING DATA SPECIFICATION

- Fluid: Pure water
- Type of installation: Single head pump

PUMP OPERATING DATA

- Impeller ø: 415 mm

USE LIMITS

- Max. running time with Q=0: 2 min
- Maximum solid contents: 40 g/m³
- Maximum pumped liquid temp: 90°C
- Maximum density: 998 kg/m³
- Maximum viscosity: 1 mm²/s

PERFORMANCES

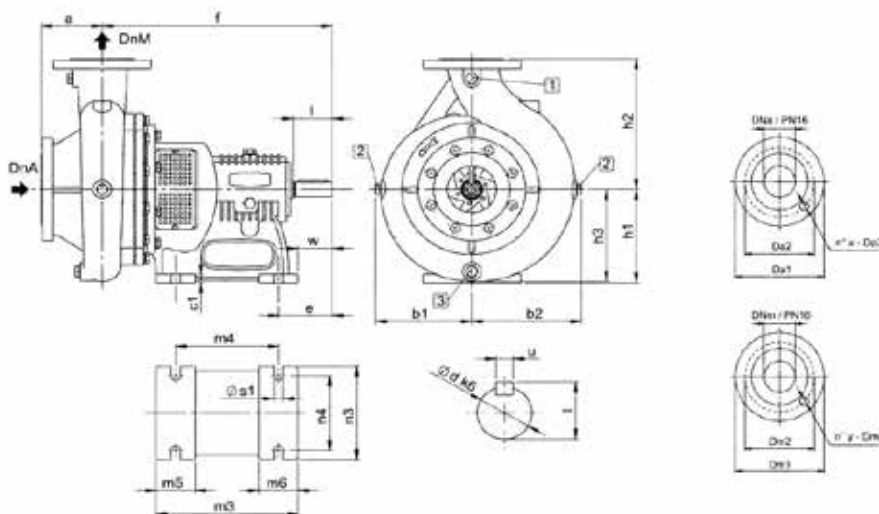
- Temperature: 20°C
- Tolerances: ISO 9906 Grade 3B

MATERIALS

- | | |
|----------------------------|----------------------------|
| - Pump body | - Cast Iron |
| - Impeller | - Cast Iron + Cataphoresis |
| - Wear ring | - Cast Iron |
| - Bearing support | - Cast Iron |
| - Support | - Cast Iron |
| - Twinner system® | - Stainless Steel |
| - Shaft | - Stainless Steel |
| - Shaft protection bushing | - Chromed Stainless Steel |

TYPE	DNa	DNm	PACKAGE DIMENSION (mm)			TOTAL WEIGHT
			L	W	H	kg
SN4FR80-400	80	65	530	548	605	153

DIMENSIONS (mm)															
a	b1	b2	c1	f	h1	h2	h3	m3	m4	m5	m6	n3	n4	s1	e
125	264	284	22	530	250	355	272	340	250	90	90	250	200	19	110
w	d	l	u	t	1	2	3	Da1	Da2	Da3	Dm1	Dm2	Dm3	x	y
65	42	110	12	45	G ¾"	G ¾"	G ¾"	200	160	18	185	145	18	8	4



SINGLE STAGE CENTRIFUGAL PUMP 100-200 GG

rovatti pompe

SN3F100-200

APPLICATION

Horizontal single stage centrifugal pump with an axial inlet and a radially adjustable outlet. The Rovatti range of centrifugal end-suction pumps can deliver flowrates of up to 500 m³/h and pressures of up to 150 m. This Rovatti pump includes the exclusive Rovatti Twinner System[®], which allows easy operation on the gland packing box, without having to remove the pump's shaft support. Stainless steel screws that allow easy disassembling, control and stuffing-box replacement procedures even after several operation hours. The applications of the Rovatti pumps include irrigation, liquid transfer, firefighting systems and filling of dams and reservoirs.

The cast iron components in this pump are coated with Rovatti's specially developed cataphoresis coating. The Rovatti cataphoresis coating is an electrochemical coating process for cast iron components, to improve protection from weather conditions, alkali and diluted acids. Rovatti's cataphoresis treatment is characterised by a high adhesion to the surfaces and uniformity of the coating, also in the inner cavities of the component. The result is a black semi-gloss protective layer with homogenous thickness. The cataphoresis treatment produces a reduced surface friction in the hydraulic channels, improving pump efficiency and increasing driving motor life. Components treated with the Rovatti cataphoresis coating are easily removable during routine maintenance operations.



OPERATING DATA SPECIFICATION

- Fluid: Pure water
- Type of installation: Single head pump

PUMP OPERATING DATA

- Impeller ø: 224 mm

USE LIMITS

- Max. running time with Q=0: 2 min
- Maximum solid contents : 60 g/m³
- Maximum pumped liquid temp: 90°C
- Maximum density: 998 kg/m³
- Maximum viscosity: 1 mm²/s

PERFORMANCES

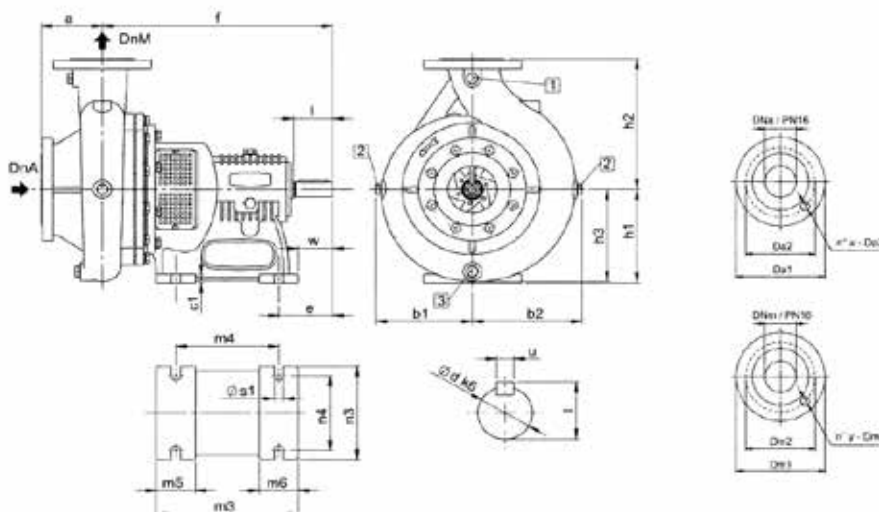
- Temperature: 20°C
- Tolerances: ISO 9906 Grade 3B

MATERIALS

- | | |
|-------------------------------|----------------------------|
| - Pump body | - Cast Iron |
| - Impeller | - Cast Iron + Cataphoresis |
| - Wear ring | - Cast Iron |
| - Bearing support | - Cast Iron |
| - Support | - Cast Iron |
| - Twinner system [®] | - Stainless Steel |
| - Shaft | - Stainless Steel |
| - Shaft protection bushing | - Chromed Stainless Steel |

TYPE	DNa	DNm	PACKAGE DIMENSION (mm)			TOTAL WEIGHT
			L	W	H	kg
SN3F100-200	125	100	595	385	480	78

DIMENSIONS (mm)															
a	b1	b2	c1	f	h1	h2	h3	m3	m4	m5	m6	n3	n4	s1	e
125	176	209	18	470	200	280	192	290	210	80	80	200	160	19	110
w	d	l	u	t	1	2	3	Da1	Da2	Da3	Dm1	Dm2	Dm3	x	y
70	32	80	10	35	G 3/8"	G 3/8"	G 3/8"	250	210	18	220	180	18	8	8



SINGLE STAGE CENTRIFUGAL PUMP 100-250 GG

rovatti pompe

SN3F100-250

APPLICATION

Horizontal single stage centrifugal pump with an axial inlet and a radially adjustable outlet. The Rovatti range of centrifugal end-suction pumps can deliver flowrates of up to 500 m³/h and pressures of up to 150 m. This Rovatti pump includes the exclusive Rovatti Twinner System[®], which allows easy operation on the gland packing box, without having to remove the pump's shaft support. Stainless steel screws that allow easy disassembling, control and stuffing-box replacement procedures even after several operation hours. The applications of the Rovatti pumps include irrigation, liquid transfer, firefighting systems and filling of dams and reservoirs.

The cast iron components in this pump are coated with Rovatti's specially developed cataphoresis coating. The Rovatti cataphoresis coating is an electrochemical coating process for cast iron components, to improve protection from weather conditions, alkali and diluted acids. Rovatti's cataphoresis treatment is characterised by a high adhesion to the surfaces and uniformity of the coating, also in the inner cavities of the component. The result is a black semi-gloss protective layer with homogenous thickness. The cataphoresis treatment produces a reduced surface friction in the hydraulic channels, improving pump efficiency and increasing driving motor life. Components treated with the Rovatti cataphoresis coating are easily removable during routine maintenance operations.



OPERATING DATA SPECIFICATION

- Fluid: Pure water
- Type of installation: Single head pump

PUMP OPERATING DATA

- Impeller ø: 270 mm

USE LIMITS

- Max. running time with Q=0: 2 min
- Maximum solid contents: 60 g/m³
- Maximum pumped liquid temp: 90°C
- Maximum density: 998 kg/m³
- Maximum viscosity: 1 mm²/s

PERFORMANCES

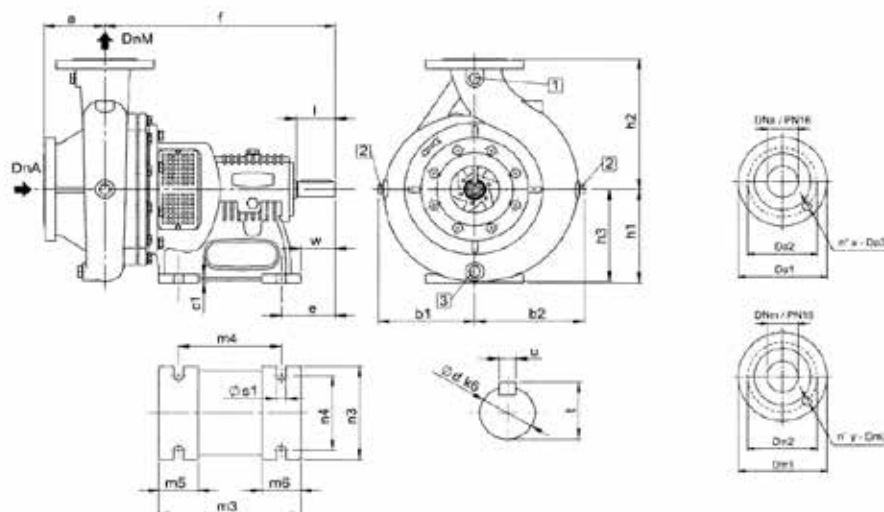
- Temperature: 20°C
- Tolerances: ISO 9906 Grade 3B

MATERIALS

- | | |
|-------------------------------|----------------------------|
| - Pump body | - Cast Iron |
| - Impeller | - Cast Iron + Cataphoresis |
| - Wear ring | - Cast Iron |
| - Support | - Cast Iron |
| - Bearing support | - Cast Iron |
| - Twinner system [®] | - Stainless Steel |
| - Shaft | - Stainless Steel |
| - Shaft protection bushing | - Chromed Stainless Steel |

TYPE	DNa	DNm	PACKAGE DIMENSION (mm)			TOTAL WEIGHT
			L	W	H	kg
SN3F100-250	125	100	610	421	480	96

DIMENSIONS (mm)															
a	b1	b2	c1	f	h1	h2	h3	m3	m4	m5	m6	n3	n4	s1	e
140	195	226	18	470	200	280	211	290	210	80	80	200	160	19	110
w	d	l	u	t	1	2	3	Da1	Da2	Da3	Dm1	Dm2	Dm3	x	y
70	32	80	10	35	G 1/4"	G 1/4"	G 1/4"	250	210	18	220	180	18	8	8



SINGLE STAGE CENTRIFUGAL PUMP 100-315 GG

rovatti pompe

SN3F100-315

APPLICATION

Horizontal single stage centrifugal pump with an axial inlet and a radially adjustable outlet. The Rovatti range of centrifugal end-suction pumps can deliver flowrates of up to 500 m³/h and pressures of up to 150 m. This Rovatti pump includes the exclusive Rovatti Twinner System[®], which allows easy operation on the gland packing box, without having to remove the pump's shaft support. Stainless steel screws that allow easy disassembling, control and stuffing-box replacement procedures even after several operation hours. The applications of the Rovatti pumps include irrigation, liquid transfer, firefighting systems and filling of dams and reservoirs.

The cast iron components in this pump are coated with Rovatti's specially developed cataphoresis coating. The Rovatti cataphoresis coating is an electrochemical coating process for cast iron components, to improve protection from weather conditions, alkali and diluted acids. Rovatti's cataphoresis treatment is characterised by a high adhesion to the surfaces and uniformity of the coating, also in the inner cavities of the component. The result is a black semi-gloss protective layer with homogenous thickness. The cataphoresis treatment produces a reduced surface friction in the hydraulic channels, improving pump efficiency and increasing driving motor life. Components treated with the Rovatti cataphoresis coating are easily removable during routine maintenance operations.



OPERATING DATA SPECIFICATION

- Fluid: Pure water
- Type of installation: Single head pump

PUMP OPERATING DATA

- Impeller ø: 325 mm

USE LIMITS

- Max. running time with Q=0: 2 min
- Maximum solid contents : 60 g/m³
- Maximum pumped liquid temp: 90°C
- Maximum density: 998 kg/m³
- Maximum viscosity: 1 mm²/s

PERFORMANCES

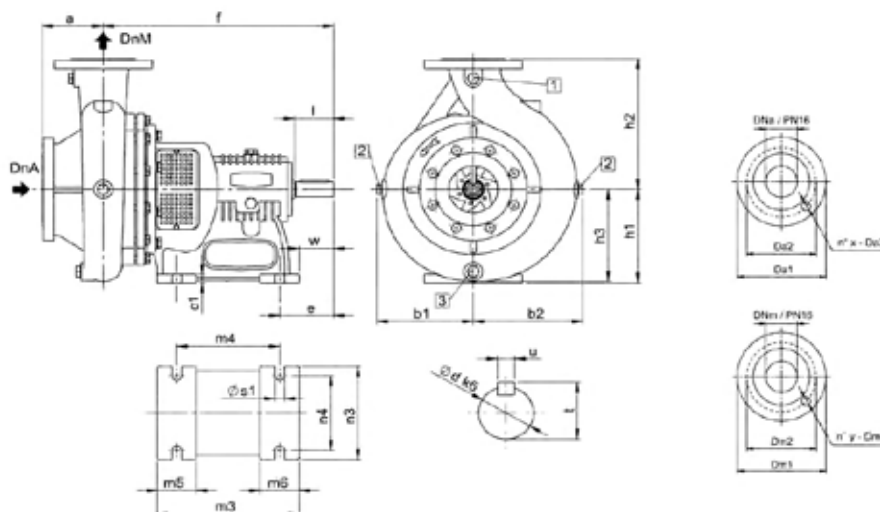
- Temperature: 20°C
- Tolerances: ISO 9906 Grade 3B

MATERIALS

- | | |
|-------------------------------|----------------------------|
| - Pump body | - Cast Iron |
| - Impeller | - Cast Iron + Cataphoresis |
| - Wear ring | - Cast Iron |
| - Bearing support | - Cast Iron |
| - Support | - Cast Iron |
| - Twinner system [®] | - Stainless Steel |
| - Shaft | - Stainless Steel |
| - Shaft protection bushing | - Chromed Stainless Steel |

TYPE	DNa	DNm	PACKAGE DIMENSION (mm)			TOTAL WEIGHT
			L	W	H	kg
SN3F100-315	125	100	610	487	515	112

DIMENSIONS (mm)															
a	b1	b2	c1	f	h1	h2	h3	m3	m4	m5	m6	n3	n4	s1	e
140	227	260	18	470	200	315	244	290	210	80	80	200	160	19	110
w	d	l	u	t	1	2	3	Da1	Da2	Da3	Dm1	Dm2	Dm3	x	y
70	32	80	10	35	G ¾"	G ¾"	G ¾"	250	210	18	220	180	18	8	8



SINGLE STAGE CENTRIFUGAL PUMP 100-400 GG

rovatti pompe

SN4F100-400

APPLICATION

Horizontal single stage centrifugal pump with an axial inlet and a radially adjustable outlet. The Rovatti range of centrifugal end-suction pumps can deliver flowrates of up to 500 m³/h and pressures of up to 150 m. This Rovatti pump includes the exclusive Rovatti Twinner System[®], which allows easy operation on the gland packing box, without having to remove the pump's shaft support. Stainless steel screws that allow easy disassembling, control and stuffing-box replacement procedures even after several operation hours. The applications of the Rovatti pumps include irrigation, liquid transfer, firefighting systems and filling of dams and reservoirs.

The cast iron components in this pump are coated with Rovatti's specially developed cataphoresis coating. The Rovatti cataphoresis coating is an electrochemical coating process for cast iron components, to improve protection from weather conditions, alkali and diluted acids. Rovatti's cataphoresis treatment is characterised by a high adhesion to the surfaces and uniformity of the coating, also in the inner cavities of the component. The result is a black semi-gloss protective layer with homogenous thickness. The cataphoresis treatment produces a reduced surface friction in the hydraulic channels, improving pump efficiency and increasing driving motor life. Components treated with the Rovatti cataphoresis coating are easily removable during routine maintenance operations.



OPERATING DATA SPECIFICATION

- Fluid: Pure water
- Type of installation: Single head pump

PUMP OPERATING DATA

- Impeller ø: 420 mm

USE LIMITS

- Max. running time with Q=0: 2 min
- Maximum solid contents : 60 g/m³
- Maximum pumped liquid temp: 90°C
- Maximum density: 998 kg/m³
- Maximum viscosity: 1 mm²/s

PERFORMANCES

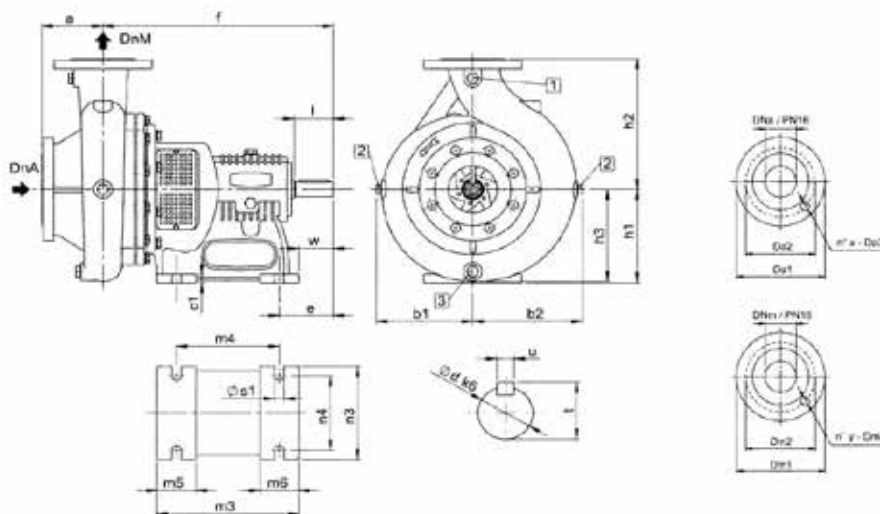
- Temperature: 20°C
- Tolerances: ISO 9906 Grade 3B

MATERIALS

- | | |
|-------------------------------|---------------------------|
| - Pump body | - Cast Iron |
| - Impeller | - Stainless Steel |
| - Wear ring | - Cast Iron |
| - Support | - Cast Iron |
| - Bearing support | - Cast Iron |
| - Twinner system [®] | - Stainless Steel |
| - Shaft | - Stainless Steel |
| - Shaft protection bushing | - Chromed Stainless Steel |

TYPE	DNa	DNm	PACKAGE DIMENSION (mm)			TOTAL WEIGHT
			L	W	H	kg
SN4F100-400	125	100	670	571	605	167

DIMENSIONS (mm)															
a	b1	b2	c1	f	h1	h2	h3	m3	m4	m5	m6	n3	n4	s1	e
140	271	300	22	530	250	355	276	340	250	90	90	250	200	19	110
w	d	l	u	t	1	2	3	Da1	Da2	Da3	Dm1	Dm2	Dm3	x	y
65	42	110	12	45	G 1/4"	G 1/4"	G 1/4"	250	210	18	220	180	18	8	8



ROVATTI SINGLE STAGE CENTRIFUGAL PUMP 125-400 GG

rovatti pompe

SN4F125-400

APPLICATION

Horizontal single stage centrifugal pump with an axial inlet and a radially adjustable outlet. The Rovatti range of centrifugal end-suction pumps can deliver flowrates of up to 500 m³/h and pressures of up to 150 m. This Rovatti pump includes the exclusive Rovatti Twinner System®, which allows easy operation on the gland packing box, without having to remove the pump's shaft support. Stainless steel screws that allow easy disassembling, control and stuffing-box replacement procedures even after several operation hours. The applications of the Rovatti pumps include irrigation, liquid transfer, firefighting systems and filling of dams and reservoirs.

The cast iron components in this pump are coated with Rovatti's specially developed cataphoresis coating. The Rovatti cataphoresis coating is an electrochemical coating process for cast iron components, to improve protection from weather conditions, alkali and diluted acids. Rovatti's cataphoresis treatment is characterised by a high adhesion to the surfaces and uniformity of the coating, also in the inner cavities of the component. The result is a black semi-gloss protective layer with homogenous thickness. The cataphoresis treatment produces a reduced surface friction in the hydraulic channels, improving pump efficiency and increasing driving motor life. Components treated with the Rovatti cataphoresis coating are easily removable during routine maintenance operations.



OPERATING DATA SPECIFICATION

- Fluid: Pure water
- Type of installation: Single head pump

PUMP OPERATING DATA

- Impeller ø: 420 mm

USE LIMITS

- Max. running time with Q=0: 2 min
- Maximum solid contents: 60 g/m³
- Maximum pumped liquid temp: 90°C
- Maximum density: 998 kg/m³
- Maximum viscosity: 1 mm²/s

PERFORMANCES

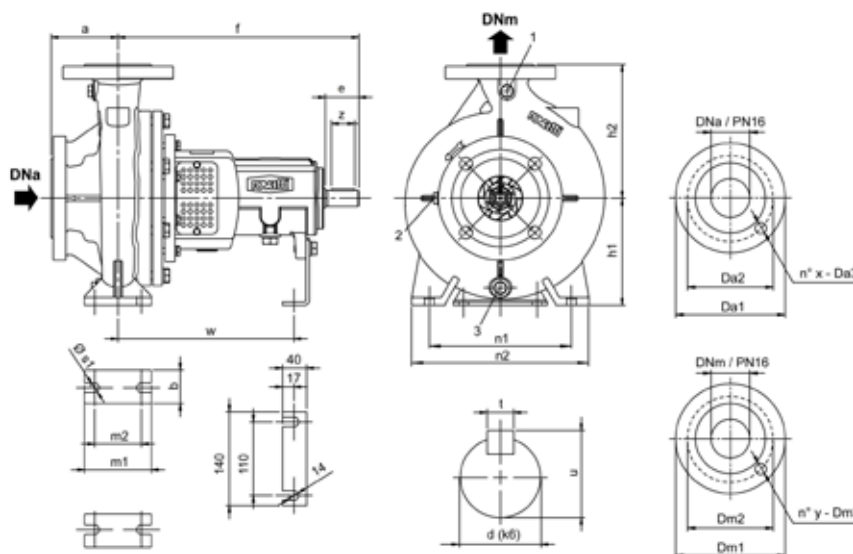
- Temperature: 20°C
- Tolerances: ISO 9906 Grade 3B

MATERIALS

- | | |
|----------------------------|---------------------------|
| - Pump body | - Cast Iron |
| - Impeller | - Stainless Steel |
| - Wear ring | - Cast Iron |
| - Support | - Cast Iron |
| - Bearing support | - Cast Iron |
| - Twinner system® | - Stainless Steel |
| - Shaft | - Stainless Steel |
| - Shaft protection bushing | - Chromed Stainless Steel |

TYPE	DNa	DNm	PACKAGE DIMENSION (mm)			TOTAL WEIGHT
			L	W	H	kg
SN4F125-400	150	120	725	626	660	171

DIMENSIONS (mm)													
a	b	f	h1	h2	m1	m2	n1	n2	s1	w	d	t	u
140	100	530	315	400	197	290	210	80	23	370	42	12	45
1	2	3	Da1	Da2	Da3	Dm1	Dm2	Dm3	z	e	x	y	
G 3/8"	G 3/8"	G 3/8"	285	240	22	250	210	18	90	110	8	8	



SINGLE STAGE CENTRIFUGAL PUMP 150-400 GG

SN4F150-400

rovatti pompe

APPLICATION

Horizontal single stage centrifugal pump with an axial inlet and a radially adjustable outlet. The Rovatti range of centrifugal end-suction pumps can deliver flowrates of up to 500 m³/h and pressures of up to 150 m. This Rovatti pump includes the exclusive Rovatti Twinner System[®], which allows easy operation on the gland packing box, without having to remove the pump's shaft support. Stainless steel screws that allow easy disassembling, control and stuffing-box replacement procedures even after several operation hours. The applications of the Rovatti pumps include irrigation, liquid transfer, firefighting systems and filling of dams and reservoirs.

The cast iron components in this pump are coated with Rovatti's specially developed cataphoresis coating. The Rovatti cataphoresis coating is an electrochemical coating process for cast iron components, to improve protection from weather conditions, alkali and diluted acids. Rovatti's cataphoresis treatment is characterised by a high adhesion to the surfaces and uniformity of the coating, also in the inner cavities of the component. The result is a black semi-gloss protective layer with homogenous thickness. The cataphoresis treatment produces a reduced surface friction in the hydraulic channels, improving pump efficiency and increasing driving motor life. Components treated with the Rovatti cataphoresis coating are easily removable during routine maintenance operations.



OPERATING DATA SPECIFICATION

- Fluid: Pure water
- Type of installation: Single head pump

PUMP OPERATING DATA

- Impeller ø: 420 mm

USE LIMITS

- Max. running time with Q=0: 2 min
- Maximum solid contents : 60 g/m³
- Maximum pumped liquid temp: 90°C
- Maximum density: 998 kg/m³
- Maximum viscosity: 1 mm²/s

PERFORMANCES

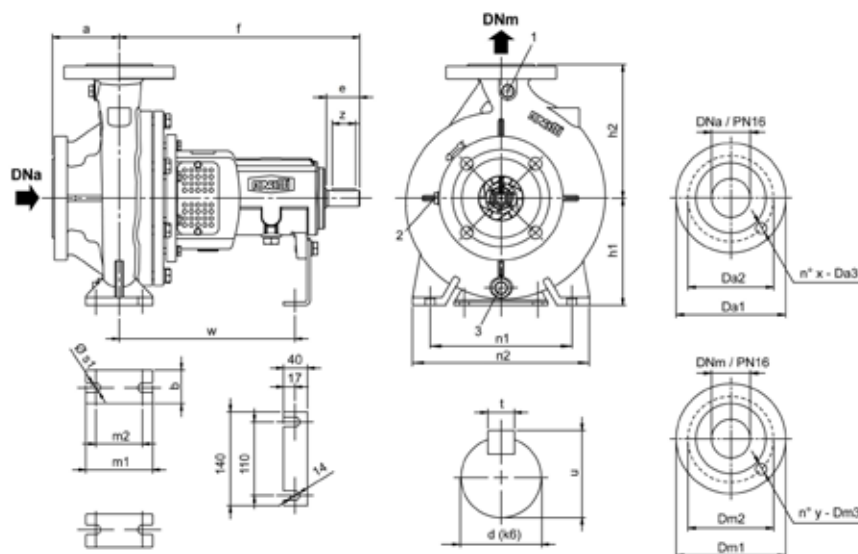
- Temperature: 20°C
- Tolerances: ISO 9906 Grade 3B

MATERIALS

- | | |
|-------------------------------|---------------------------|
| - Pump body | - Cast Iron |
| - Impeller | - Stainless Steel |
| - Wear ring | - Cast Iron |
| - Support | - Cast Iron |
| - Bearing support | - Cast Iron |
| - Twinner system [®] | - Stainless Steel |
| - Shaft | - Stainless Steel |
| - Shaft protection bushing | - Chromed Stainless Steel |

TYPE	DNa	DNm	PACKAGE DIMENSION (mm)			TOTAL WEIGHT
			L	W	H	kg
SN4F150-400	150	125	754	655	689	171

DIMENSIONS (mm)													
a	b	f	h1	h2	m1	m2	n1	n2	s1	w	d	t	u
140	100	530	315	400	200	150	400	500	23	370	42	12	45
1	2	3	Da1	Da2	Da3	Dm1	Dm2	Dm3	z	e	x	y	
G 3/8"	G 3/8"	G 3/8"	285	240	18	250	210	18	90	110	8	8	



TRACTOR PUMP SINGLE STAGE 50x50MM

rovatti pompe

TO-50

APPLICATION

The Rovatti TO-50 and TOF-50 Horizontal single stage centrifugal PTO pumps are a compact, lightweight and easy to handle. This Rovatti range of PTO tractor driven pumps can deliver flowrates of up to 30 m³/h and pressures of up to 50 m, making it ideal for a range of applications. The applications of the Rovatti PTO pumps include irrigation, liquid transfer, firefighting systems and filling of dams and reservoirs. This TO-50 can be mounted on a trailer and connected to the PTO shaft of a tractor with the use of a Cardan shaft. The TOF-50 connects directly to the PTO shaft of a tractor.



APPLICATION

- The compact execution, the low weight and the easy handling are able to ensure that these smart pumps are the perfect equipment for irrigation and general liquid transfer
- One operator: Pump attaches quickly, tractor does the lifting and handling
- Sturdy construction: Light and robust cast iron pump for troublefree operation

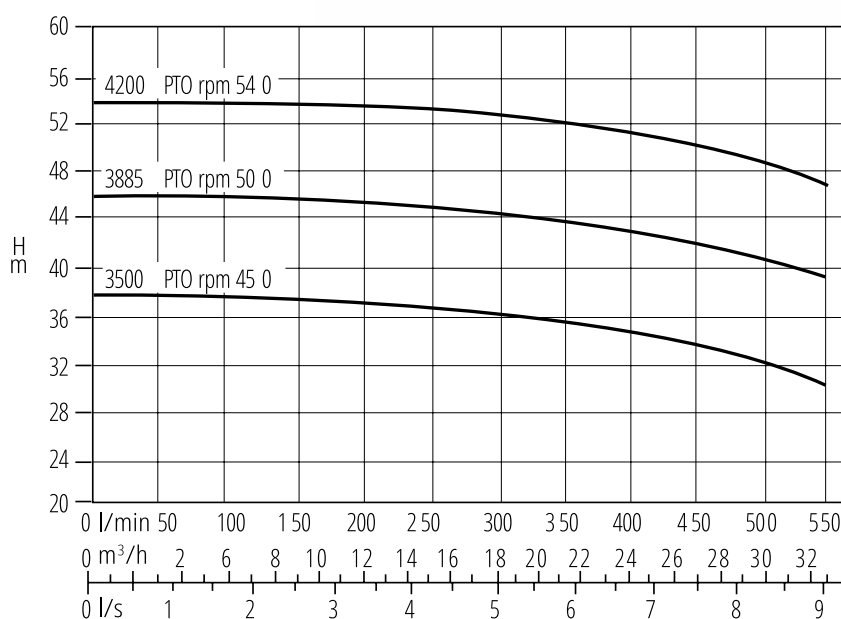
OPERATING CONDITIONS

- Max. running time with Q=0: 1 min
- Maximum solid contents : 40 g/m³
- Maximum water temp: 60°C
- Maximum pressure: 50 m
- Max. flow: 30 m³/h

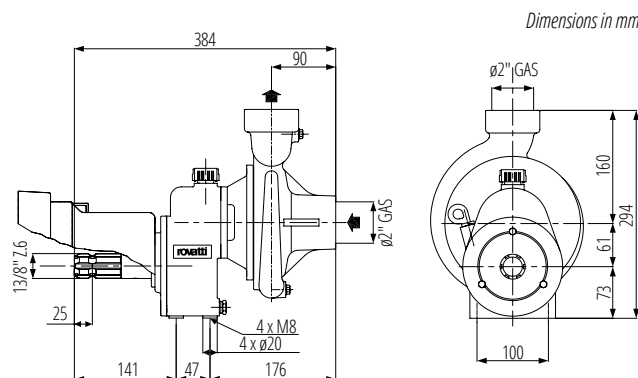
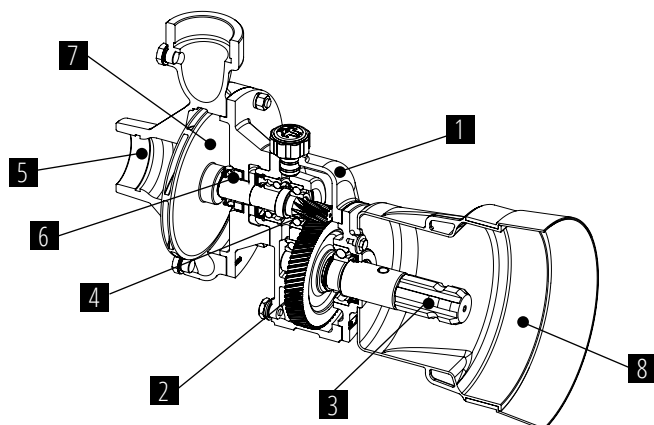
MATERIALS

- | | |
|---------------------------|-----------------------|
| 1 - Gear box | - Cast Iron |
| 2 - PTO transmission gear | - Case Hardened Steel |
| 3 - PTO shaft | - Case Hardened Steel |
| 4 - Shaft pinion | - Case Hardened Steel |
| 5 - Pump body | - Cast Iron |
| 6 - Mechanical seal | - Graphite/Ceramic |
| 7 - Impeller | - Cast Iron |
| 8 - Cardan joint guard | - Rubber |

TYPE	PACKAGE DIMENSION (mm)			WEIGHT
Single Stage	L	W	H	kg
TO-50	384	265	360	20



TRACTOR POWER MIN. (HP)	INLET X OUTLET	GEAR RATIO	PTO rpm	CAPACITY								
				ℓ/min	100	200	300	350	400	450	500	550
				ℓ/s	1.6	3.3	5	5.8	6.6	7.5	8.3	9.1
15	2" x 2"	1 : 7.77	540	H(m)	53.5	53.2	52.5	52	51.2	50.5	48.7	47
HP				4.6	5.7	6.7	7.2	7.8	8.3	8.7	9.2	
10			500	H(m)	46	45.5	44.5	44	43	42	41	39.8
				HP	3.7	4.7	5.6	6	6.4	6.8	7.1	7.4
7.5			450	H(m)	37.2	36.7	36	35.2	34.4	33.5	32.3	30.6
				HP	2.8	3.6	4.3	4.6	4.9	5.2	5.5	5.8



TRACTOR PUMP PTO SINGLE STAGE 50x50MM

rovatti pompe

TOF-50

APPLICATION

The Rovatti TO-50 and TOF-50 Horizontal single stage centrifugal PTO pumps are a compact, lightweight and easy to handle. This Rovatti range of PTO tractor driven pumps can deliver flowrates of up to 30 m³/h and pressures of up to 50 m, making it ideal for a range of applications. The applications of the Rovatti PTO pumps include irrigation, liquid transfer, firefighting systems and filling of dams and reservoirs. This TO-50 can be mounted on a trailer and connected to the PTO shaft of a tractor with the use of a Carden shaft. The TOF-50 connects directly to the PTO shaft of a tractor.



APPLICATION

- The compact execution, the low weight and the easy handling are able to ensure that these smart pumps are the perfect equipment for irrigation and general liquid transfer
- One operator: Pump attaches quickly, tractor does the lifting and handling
- Sturdy construction: Light and robust cast iron pump for troublefree operation

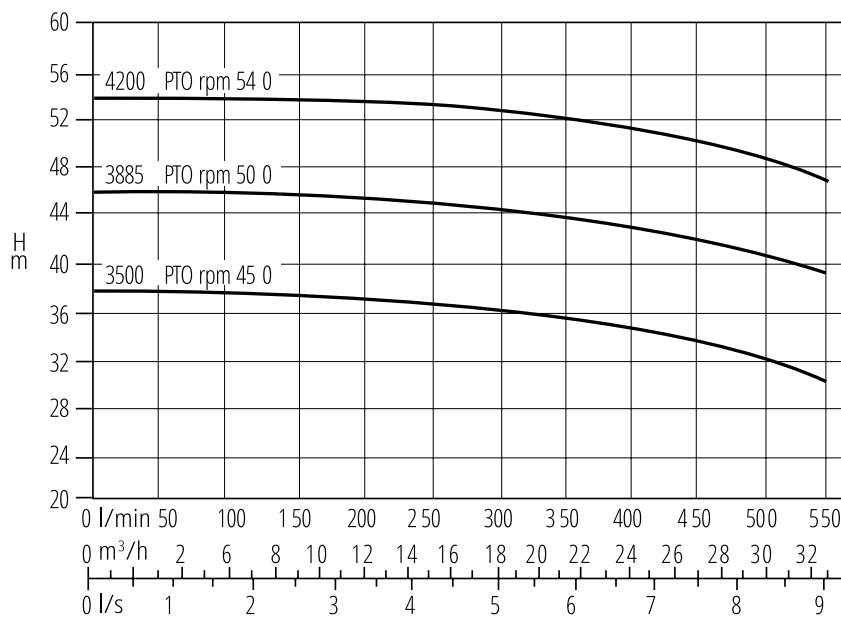
OPERATING CONDITIONS

- Max. running time with Q=0: 1 min
- Maximum solid contents : 40 g/m³
- Maximum water temp: 60°C
- Maximum pressure: 50 m
- Max. flow: 30 m³/h

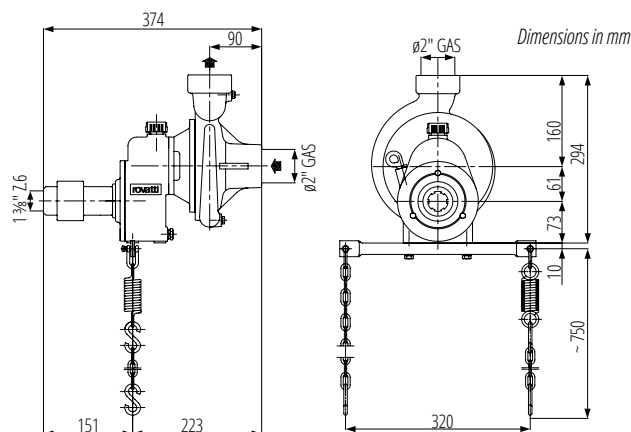
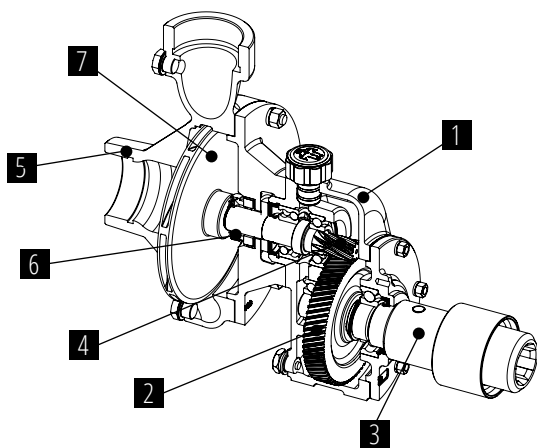
MATERIALS

- | | |
|---------------------------|-----------------------|
| 1 - Gear box | - Cast Iron |
| 2 - PTO transmission gear | - Case Hardened Steel |
| 3 - PTO shaft | - Case Hardened Steel |
| 4 - Shaft pinion | - Case Hardened Steel |
| 5 - Pump body | - Cast Iron |
| 6 - Mechanical seal | - Graphite/Ceramic |
| 7 - Impeller | - Cast Iron |

TYPE	PACKAGE DIMENSION (mm)			WEIGHT
Single Stage	L	W	H	kg
TOF-50	374	184	294	20



TRACTOR POWER MIN. (HP)	INLET X OUTLET	GEAR RATIO	PTO rpm	CAPACITY									
				ℓ/min	100	200	300	350	400	450	500	550	
				ℓ/s	1.6	3.3	5	5.8	6.6	7.5	8.3	9.1	
15	2" x 2"	1 : 7.77	540	H(m)	53.5	53.2	52.5	52	51.2	50.5	48.7	47	
				HP	4.6	5.7	6.7	7.2	7.8	8.3	8.7	9.2	
10			500	H(m)	46	45.5	44.5	44	43	42	41	39.8	
				HP	3.7	4.7	5.6	6	6.4	6.8	7.1	7.4	
7.5			450	H(m)	37.2	36.7	36	35.2	34.4	33.5	32.3	30.6	
				HP	2.8	3.6	4.3	4.6	4.9	5.2	5.5	5.8	



SINGLE STAGE TRACTOR PUMP WITH OVERGEAR T1-50E

rovatti pompe

T1-50E-TW

APPLICATION

Horizontal single stage centrifugal pump with an axial inlet and a radially adjustable outlet. The Rovatti range of PTO tractor driven pumps can deliver flowrates of up to 170 m³/h and pressures of up to 115 m. This Rovatti pump includes the exclusive Rovatti Twinner System®, which allows easy operation on the gland packing box, without having to remove the pump's shaft support. Stainless steel screws that allow easy disassembling, control and stuffing-box replacement procedures even after several operation hours. The applications of the Rovatti PTO pumps include irrigation, liquid transfer, firefighting systems and filling of dams and reservoirs. This range of Rovatti PTO pumps are often mounted on a trailer and connected to the PTO shaft of a tractor with the use of a Carden shaft.



OPERATING DATA SPECIFICATION

- Fluid: Pure water
- Type of installation: Single head pump

PUMP OPERATING DATA

- Impeller ø: 205 mm

USE LIMITS

- Max. running time with Q=0: 2 min
- Maximum solid contents : 40 g/m³
- Maximum pumped liquid temp: 60°C
- Maximum density: 998 kg/m³
- Maximum viscosity: 1 mm²/s

PERFORMANCES

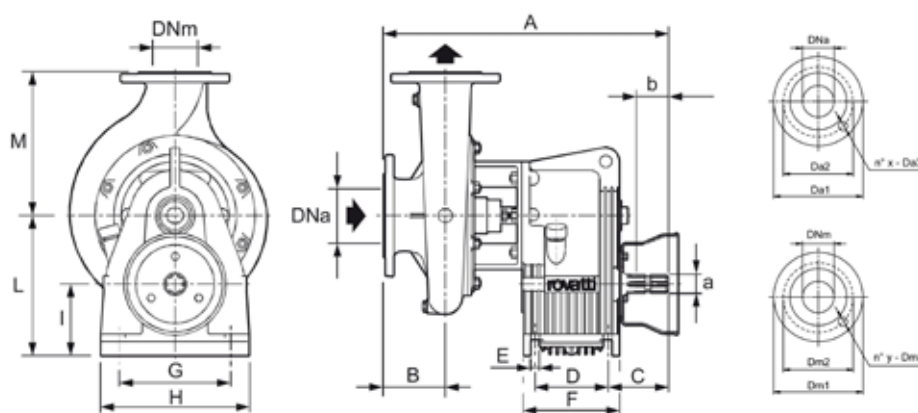
- Temperature: 20°C
- Tolerances: ISO 9906 Grade 3B

MATERIALS

- | | |
|------------------------|-----------------------|
| - Pump body | - Cast Iron |
| - Impeller | - Cast Iron |
| - PTO shaft | - Case Hardened Steel |
| - PTO transmissio gear | - Case Hardened Steel |
| - Shaft pinion | - Case Hardened Steel |
| - Twinner system® | - Stainless Steel |

TYPE	DNa	DNm	PACKAGE DIMENSION (mm)			TOTAL WEIGHT kg
			L	W	H	
T1-50E-TW	65	50	444	210	399	46

DIMENSIONS (mm)										
A	B	C	D	E	F	G	H	I	L	M
444	100	98	110	12	147	185	210	105	199	200
a	b	Da1	Da2	Da3	x	x	Dm1	Dm2	Dm3	y
G 1" 3/8	60	185	145	18	4	4	160	125	18	4



SINGLE STAGE TRACTOR PUMP WITH OVERGEAR T1-65AE

rovatti pompe

T1-65AE-TW

APPLICATION

Horizontal single stage centrifugal pump with an axial inlet and a radially adjustable outlet. The Rovatti range of PTO tractor driven pumps can deliver flowrates of up to 170 m³/h and pressures of up to 115 m. This Rovatti pump includes the exclusive Rovatti Twinner System®, which allows easy operation on the gland packing box, without having to remove the pump's shaft support. Stainless steel screws that allow easy disassembling, control and stuffing-box replacement procedures even after several operation hours. The applications of the Rovatti PTO pumps include irrigation, liquid transfer, firefighting systems and filling of dams and reservoirs. This range of Rovatti PTO pumps are often mounted on a trailer and connected to the PTO shaft of a tractor with the use of a Carden shaft.



OPERATING DATA SPECIFICATION

- Fluid: Pure water
- Type of installation: Single head pump

PUMP OPERATING DATA

- Impeller ø: 174 mm

USE LIMITS

- Max. running time with Q=0: 2 min
- Maximum solid contents: 40 g/m³
- Maximum pumped liquid temp: 60°C
- Maximum density: 998 kg/m³
- Maximum viscosity: 1 mm²/s

PERFORMANCES

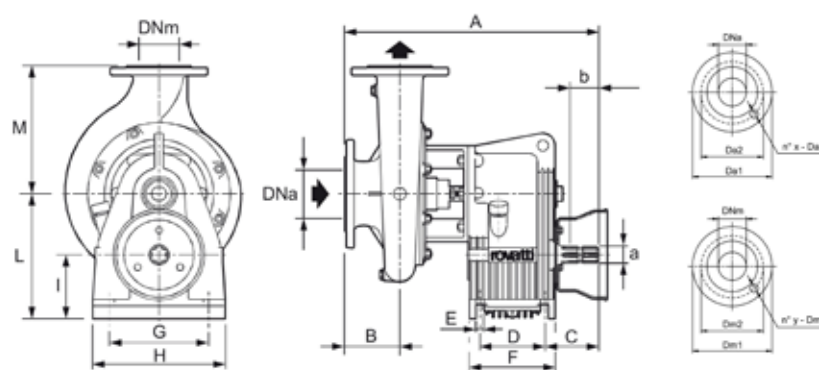
- Temperature: 20°C
- Tolerances: ISO 9906 Grade 3B

MATERIALS

- | | |
|----------------------------|-------------------------------|
| - Pump body | - Cast Iron |
| - Impeller | - Carbon Steel + Cataphoresis |
| - Wear ring | - Cast Iron |
| - Support | - Cast Iron |
| - Bearing support | - Cast Iron |
| - Twinner system® | - Stainless Steel |
| - Shaft | - Stainless Steel |
| - Shaft protection bushing | - Chromed Stainless Steel |

TYPE	DNa	DNm	PACKAGE DIMENSION (mm)			TOTAL WEIGHT kg
			L	W	H	
T1-65AE-TW	65	50	429	210	369	40

DIMENSIONS (mm)										
A	B	C	D	E	F	G	H	I	L	M
429	90	98	110	12	147	185	210	105	199	170
a	b	Da1	Da2	Da3	x	x	Dm1	Dm2	Dm3	y
1" 3/8	60	185	145	18	4	8	160	125	18	4



SINGLE STAGE TRACTOR PUMP WITH OVERGEAR T2-80E

rovatti pompe

T2-80E-TW

APPLICATION

Horizontal single stage centrifugal pump with an axial inlet and a radially adjustable outlet. The Rovatti range of PTO tractor driven pumps can deliver flowrates of up to 170 m³/h and pressures of up to 115 m. This Rovatti pump includes the exclusive Rovatti Twinner System®, which allows easy operation on the gland packing box, without having to remove the pump's shaft support. Stainless steel screws that allow easy disassembling, control and stuffing-box replacement procedures even after several operation hours. The applications of the Rovatti PTO pumps include irrigation, liquid transfer, firefighting systems and filling of dams and reservoirs. This range of Rovatti PTO pumps are often mounted on a trailer and connected to the PTO shaft of a tractor with the use of a Carden shaft.



OPERATING DATA SPECIFICATION

- Fluid: Pure water
- Type of installation: Single head pump

PUMP OPERATING DATA

- Impeller ø: 189 mm

COUPLING

- Gear ratio: - 6.43
- PTO: - 545 1/min
- Trolley: - CT.1
- Cardan shaft: - R 300/90
- Three-point mounting: - A2T

USE LIMITS

- Max. running time with Q=0: 2 min
- Maximum solid contents : 40 g/m³
- Maximum pumped liquid temp: 60°C
- Maximum density: 998 kg/m³
- Maximum viscosity: 1 mm²/s

PERFORMANCES

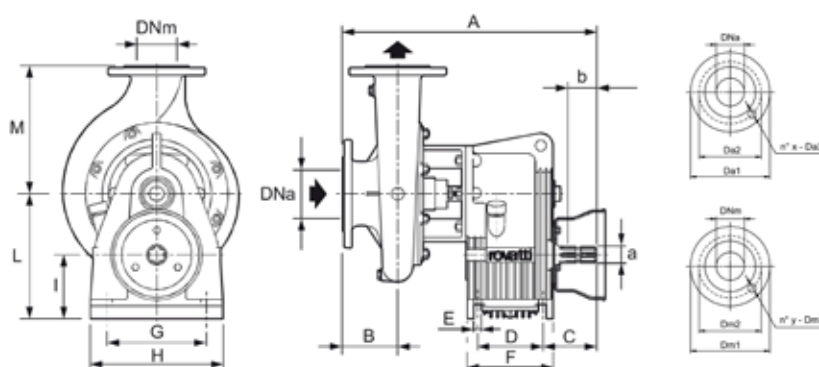
- Temperature: 20°C
- Tolerances: ISO 9906 Grade 3B

MATERIALS

- Gear box - Cast Iron
- Pump body - Cast Iron
- Impeller - Cast Iron
- PTO shaft - Case Hardened Steel
- PTO transmission gear - Case Hardened Steel
- Shaft pinion - Case Hardened Steel
- Twinner system® - Stainless Steel

TYPE	DNa	DNm	PACKAGE DIMENSION (mm)			TOTAL WEIGHT kg
			L	W	H	
T2-80E-TW	80	60	470	424	417	53

DIMENSIONS (mm)										
A	B	C	D	E	F	G	H	I	L	M
470	105	101	120	14	162	210	343	115	222	195
a	b	Da1	Da2	Da3	x	Dm1	Dm2	Dm3	y	
1" 3/8	60	200	160	18	8	185	145	18	4	



SINGLE STAGE TRACTOR PUMP WITH OVERGEAR T3-80AE

rovatti pompe

T3-80AE-TW

APPLICATION

Horizontal single stage centrifugal pump with an axial inlet and a radially adjustable outlet. The Rovatti range of PTO tractor driven pumps can deliver flowrates of up to 170 m³/h and pressures of up to 115 m. This Rovatti pump includes the exclusive Rovatti Twinner System®, which allows easy operation on the gland packing box, without having to remove the pump's shaft support. Stainless steel screws that allow easy disassembling, control and stuffing-box replacement procedures even after several operation hours. The applications of the Rovatti PTO pumps include irrigation, liquid transfer, firefighting systems and filling of dams and reservoirs. This range of Rovatti PTO pumps are often mounted on a trailer and connected to the PTO shaft of a tractor with the use of a Cardan shaft.



OPERATING DATA SPECIFICATION

- Fluid: Pure water
- Type of installation: Single head pump

PUMP OPERATING DATA

- Impeller ø: 269 mm

COUPLING

- Gear ratio: - 5.85
 PTO: - 547 1/min
 Trolley: - CT.2 – CT.3
 Cardan shaft: - R 450/100
 Three-point mounting: - A3T

USE LIMITS

- Max. running time with Q=0: 2 min
- Maximum solid contents : 40 g/m³
- Maximum pumped liquid temp: 60°C
- Maximum density: 998 kg/m³
- Maximum viscosity: 1 mm²/s

PERFORMANCES

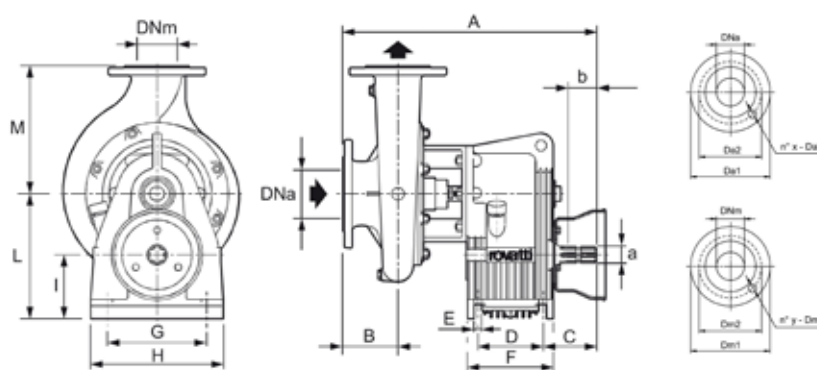
- Temperature: 20°C
- Tolerances: ISO 9906 Grade 3B

MATERIALS

- Gear box - Cast Iron
- Pump body - Cast Iron
- Impeller - Cast Iron
- PTO shaft - Case Hardened Steel
- PTO transmission gear - Case Hardened Steel
- Shaft pinion - Case Hardened Steel
- Twinner system® - Stainless Steel

TYPE	DNa	DNm	PACKAGE DIMENSION (mm)			TOTAL WEIGHT
			L	W	H	
T3-80AE-TW	80	65	506	270	504	80

DIMENSIONS (mm)										
A	B	C	D	E	F	G	H	I	L	M
506	105	111	130	15	174	240	270	130	254	250
a	b	Da1	Da2	Da3	x	Dm1	Dm2	Dm3	y	
1" 3/8	60	200	160	18	8	185	145	18	4	



SINGLE STAGE TRACTOR PUMP WITH OVERGEAR T3-100AE

rovatti pompe

T3-100AE-TW

APPLICATION

Horizontal single stage centrifugal pump with an axial inlet and a radially adjustable outlet. The Rovatti range of PTO tractor driven pumps can deliver flowrates of up to 170 m³/h and pressures of up to 115 m. This Rovatti pump includes the exclusive Rovatti Twinner System®, which allows easy operation on the gland packing box, without having to remove the pump's shaft support. Stainless steel screws that allow easy disassembling, control and stuffing-box replacement procedures even after several operation hours. The applications of the Rovatti PTO pumps include irrigation, liquid transfer, firefighting systems and filling of dams and reservoirs. This range of Rovatti PTO pumps are often mounted on a trailer and connected to the PTO shaft of a tractor with the use of a Carden shaft.



OPERATING DATA SPECIFICATION

- Fluid: Pure water
- Type of installation: Single head pump

PUMP OPERATING DATA

- Impeller ø: 224 mm

COUPLING

- Gear ratio: - 5.85
- PTO: - 545 1/min
- Trolley: - CT.2 – CT.3
- Cardan shaft: - R 450/100
- Three-point mounting: - A3T

USE LIMITS

- Max. running time with Q=0: 2 min
- Maximum solid contents : 40 g/m³
- Maximum pumped liquid temp: 60°C
- Maximum density: 998 kg/m³
- Maximum viscosity: 1 mm²/s

PERFORMANCES

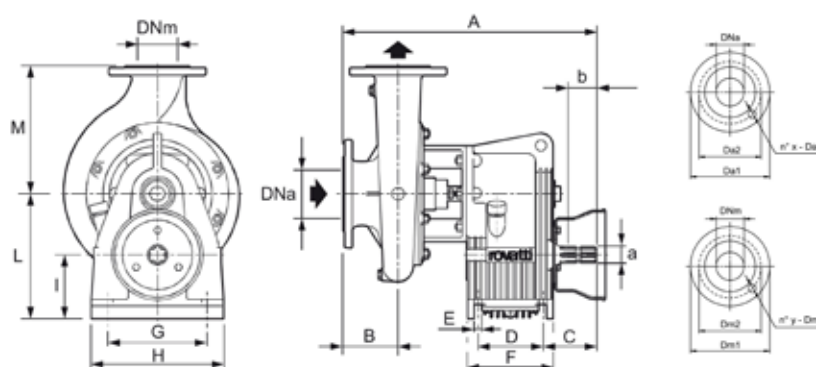
- Temperature: 20°C
- Tolerances: ISO 9906 Grade 3B

MATERIALS

- Gear box - Cast Iron
- Pump body - Cast Iron
- Impeller - Cast Iron
- PTO shaft - Case Hardened Steel
- PTO transmission gear - Case Hardened Steel
- Shaft pinion - Case Hardened Steel
- Twinner system® - Stainless Steel

TYPE	DNa	DNm	PACKAGE DIMENSION (mm)			TOTAL WEIGHT kg
			L	W	H	
T3-100AE-TW	100	80	515	270	484	75

DIMENSIONS (mm)										
A	B	C	D	E	F	G	H	I	L	M
515	110	111	130	15	174	240	270	130	254	230
a	b	Da1	Da2	Da3	x	Dm1	Dm2	Dm3	y	
1" 3/8	60	220	180	18	8	200	160	18	8	



TRACTOR PUMP T2K65/2E-TW R5.5

rovatti pompe

T2K652ETW

APPLICATION

Rovatti pumps of the T2K65/2E-TW series are multi-stage, cantilever pumps driven by a tractor PTO. The impellers of the pump are fixed on the high-speed shaft of the multiplier, which increases the speed of rotation of the working bodies to the required ones. Pumps of this type are designed to supply a large volume of water under significant pressure. These pumps are used when it is necessary to transport water over long distances, for sprinkler irrigation, for fire fighting, or filling containers. Characteristics of Rovatti series T2K, capacity-up to 55 cubic meters in an hour and pressure-up to 150 m. At a PTO speed of 545 rpm and ratio of 5.5, the shaft speed will be 3000 rpm. The pump is manufactured from cast iron and features a Twiner gland follower system.



OPERATING DATA SPECIFICATION

- Fluid: Pure water
- Type of installation: Single head pump

COUPLING

- Gear ratio: - 5.5
 PTO: - 545 1/min
 Trolley: - CT.2K

USE LIMITS

- Max. running time with Q=0: 2 min
- Maximum solid contents : 40 g/m³
- Maximum pumped liquid temp: 60°C
- Maximum density: 998 kg/m³
- Maximum viscosity: 1 mm²/s

PERFORMANCES

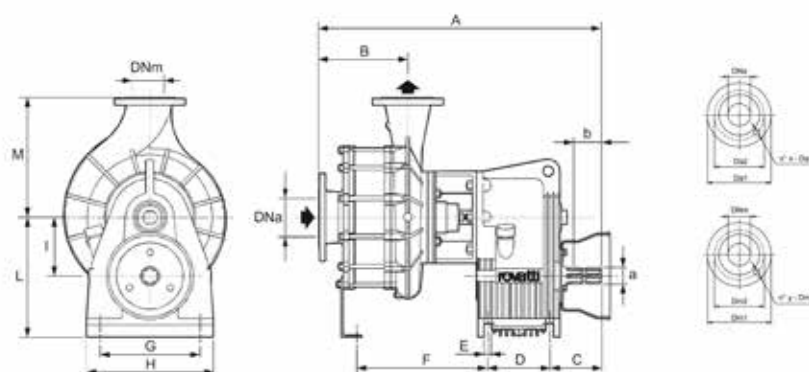
- Temperature: 20°C
- Tolerances: ISO 9906 Grade 3B

MATERIALS

- Gear box - Cast Iron
- Pump body - Cast Iron
- Impeller - Cast Iron
- Wear ring - Cast Iron
- Suction bowl - Cast Iron
- PTO shaft - Case Hardened Steel
- PTO transmission gear - Case Hardened Steel
- Shaft pinion - Case Hardened Steel

TYPE	DNa	DNm	PACKAGE DIMENSION (mm)			TOTAL WEIGHT kg
			L	W	H	
T2K652ETW	65	50	571	240	462	90

DIMENSIONS (mm)										
a	A	b	B	C	D	Da1	Da2	Da3	Dm1	Dm2
1" 3/8	571	60	190	101	120	185	145	18	165	125
Dm3	E	F	G	H	I	L	M	x	y	
18	14	259	210	242	115	222	240	4	4	





ELECTRIC MOTOR SINGLE-PHASE

Aluminium housing, single-phase, dual capacitor motor conforming to IEC standards. Good performance, safe and reliable operation with starting torque capability of 1,8 to 2,5 times normal output torque. Typical applications are compressors, pumps and fans.

PRODUCT CODE	SIZE	MOQ
317-025*	4P 0.25 kW 230 V	1
317-035	4P 0.37 kW 230 V Shaft diam. 19 - Frame: 80	1
317-040	2P 0.55 kW 230 V Shaft diam. 14 mm - Frame: 71	1
317-045	4P 0.55 kW 230 V Shaft diam. 19 mm - Frame: 80	1
317-050*	2P 0.75 kW 230 V Shaft diam. 24 - Frame: 90S	1
317-055	4P 0.75 kW 230 V Shaft diam. 19 mm - Frame: 80	1
317-060	2P 1.1 kW 230 V Shaft diam. 19 mm - Frame: 80	1
317-065	4P 1.1 kW 230 V Shaft diam. 24 mm - Frame: 90S	1
317-070*	2P 1.5 kW 230V Shaft diam. 28 - Frame: 100L	1
317-075	4P 1.5 kW 230 V Shaft diam. 24 mm - Frame: 90L	1
317-080	2P 2.2 kW 230 V Shaft diam. 24 mm - Frame: 90L	1
317-085	4P 2.2 kW 230 V Shaft diam. 28 mm - Frame: 100L	1
317-095	4P 3 kW 230 V Shaft diam. 28 mm - Frame: 100L	1
317-100*	4P 3.7 kW 230 V Shaft diam. 38 - Frame: 132S	1

* Non-Stock item: Special order required



ELECTRIC MOTOR 4-POLE

Squirrel cage electric motors 50 Hz. Two-year warranty. Four-pole = 1 450 rpm. Three-phase.

PRODUCT CODE	SIZE	MOQ
318-040	0.75 kW 380 V Shaft diam. 19 mm - Frame: 80	1
318-050	1.10 kW 380 V Shaft diam. 24 mm - Frame: 90S	1
318-060	1.50 kW 380 V Shaft diam. 24 mm - Frame: 90L	1
318-070	2.20 kW 380 V Shaft diam. 28 mm - Frame: 100L	1
318-080	3.00 kW 380 V Shaft diam. 28 mm - Frame: 100L	1
318-090	4.00 kW 380 V Shaft diam. 28 mm - Frame: 112M	1
318-100	5.50 kW 380 V Shaft diam. 38 mm - Frame: 132S	1
318-110	7.50 kW 380 V Shaft diam. 38 mm - Frame: 132M	1
318-120	11.0 kW 380 V Shaft diam. 42 mm - Frame: 160M	1
318-130	15.0 kW 380 V Shaft diam. 42 mm - Frame: 160L	1
318-140	18.5 kW 380 V Shaft diam. 48 mm - Frame: 180M	1
318-150	22.0 kW 380 V Shaft diam. 48 mm - Frame: 180L	1
318-160	30.0 kW 380 V Shaft diam. 55 mm - Frame: 200L	1
318-170	37.0 kW 380 V Shaft diam. 60 mm - Frame: 225S/M	1
318-180	45.0 kW 380 V Shaft diam. 60 mm - Frame: 225S/M	1
318-190	55.0 kW 380 V Shaft diam. 70 mm - Frame: 250S/M	1



ELECTRIC MOTOR 2-POLE

Squirrel cage electric motors 50 Hz, latest SABS certification. Two year warranty. Two-pole = 2 900 rpm. Three-phase.

PRODUCT CODE	SIZE	MOQ
318-035	0.75 kW 380 V Shaft diam. 19 mm - Frame: 80	1
318-055	1.50 kW 380 V Shaft diam. 24 mm - Frame: 90S	1
318-065	2.20 kW 380 V Shaft Diam. 24 mm - Frame: 90L	1
318-075	3.00 kW 380 V Shaft diam. 28 mm - Frame: 100L	1
318-085	4.00 kW 380 V Shaft diam. 28 mm - Frame: 112M	1
318-095	5.50 kW 380 V Shaft Diam. 38 mm - Frame: 132S	1
318-105	7.50 kW 380 V Shaft diam. 38 mm - Frame: 132S	1
318-115	11.0 kW 380 V Shaft diam. 42 mm - Frame: 160M	1
318-125	15.0 kW 380 V Shaft diam. 42 mm - Frame: 160M	1
318-135	18.5 kW 380 V Shaft diam. 42 mm - Frame: 160L	1
318-145	22.0 kW 380 V Shaft diam. 48 mm - Frame: 180M	1
318-155	30.0 kW 380 V Shaft diam. 55 mm - Frame: 200L	1
318-165	37.0 kW 380 V Shaft diam. 55 mm - Frame: 200L	1
318-175	45.0 kW 380 V Shaft diam. 55 mm - Frame: 225S/M	1
318-185	55.0 kW 380 V Shaft diam. 60 mm - Frame: 250S/M	1

01 IRRIGATION PUMP & MOTOR ACCESSORIES



SUBMERSIBLE MOTORS

Stainless steel water cooled submersible motor rewindable. The stator windings are of water proof synthetic film insulated copper winding wires. It features water lubricated thrust and journal bearings. Motor is pre-filled with clear, cold, pure, filtered water. Specially designed high performance thrust bearings are used that can withstand axial thrust loads and up-thrust loads with minimum wear and tear. Pressure equalizing rubber diaphragm is provided to guard the pressure and volume variations of the water inside the motor. Motor sealing are made by means of "O" rings, shaft seals and sand guard to avoid ingress of well water, sand and fibre particle into the motor. Mounting dimensions are in accordance with NEMA mounting standard.

PRODUCT CODE	SIZE	MOQ
308047	7.5 kW 400 V 150 mm	1
308048	11 kW 400 V 150 mm	1
308049	15 kW 400 V 150 mm	1
308050	18.5 kW 400 V 150 mm	1
308051	22 kW 400 V 150 mm	1
308052	30 kW 400 V 150 mm	1
308053	37 kW 400 V 150 mm	1
308055	45 kW 400 V 150 mm	1



CASCADE PERIPHERAL PRESSURE PUMP WITH HOSE KIT 0.37 kW

The Tank Connector Kit is a DIY solution for you to connect a booster pump to your water tank. Flow rate 1320 ℓ at 2 bar.

PRODUCT CODE	SIZE	MOQ
CAWW037COMBO	0.37 kW	1

- 1 x Cascade peripheral pump with flow control 0.37 kW 230V
- 2 x 25 mm Camlock insert male adaptors
- 1 x 25 mm Galvanised elbow 90° MXF
- 2 x Hose clamp galvanised 20 - 32 mm
- 1 x 20/25 mm Hose connector
- 2 x 25 mm Nylon nipple
- 1 x 40 x 25 mm Nylon reducing bush
- 1 x 25 mm x 300 mm Pipe Kanaflex
- 2 x PVC ball valve 25 mm



TORRENTI CONNECTION KIT FOR TANK

Torrenti connection kit for tank 25 mm.

PRODUCT CODE	SIZE	MOQ
309CON-KIT	25 mm	1



CASCADE HOSE KIT FOR PRESSURE PUMP

The Tank Connector Kit is a DIY solution for you to connect a booster pump to your water tank.

PRODUCT CODE	SIZE	MOQ
CAWWHOSEKIT	25 mm	1



STAIRS CONTROL BOX 230 V

Standard control box for use with 230 V Stairs submersible motors, equipped with capacitor, thermal protection relay and on/off switch.

PRODUCT CODE	SIZE	MOQ
308201	0.37 kW 230 V	1
308202	0.56 kW 230 V	1
308203	0.75 kW 230 V	1
308204	1.12 kW 230 V	1
308205	1.50 kW 230 V	1
308206	2.25 kW 230 V	1



CASCADE VSD REPLACEMENT CONTROLLER 230 V

Replacement VSD's for the VFF pump range.

PRODUCT CODE	SIZE	MOQ
CAD10M3075	0.75 kW 3 x 230 V	1
CAD10M3011	1.1 kW 3 x 230 V	1
CAD10M3022	2.2 kW 3 x 230 V	1



CASCADE INTELLIGENT CONTROL BOX

Cascade Intelligent Control Box with run dry protection probes. The LCD display screen displays pump running information. Short circuit protection. Under and over voltage protection. Locked rotor protection. Protection degree Rating IP22. The distance for low voltage signal transmitting is 200 m.

PRODUCT CODE	SIZE	MOQ
CAM037KW	0.37 kW 230 V	1
CAM056KW	0.56 kW 230 V	1
CAM075KW	0.75 kW 230 V	1
CAM011KW	1.1 kW 230 V	1
CAM022KW	2.2 kW 230V	1
CAM0754KW	0.75 - 4 kW 400 V	1
CAM05575KW	5.5 - 7.5kW 400 V	1



CASCADE VSD STAND-ALONE CONTROLLER

Stand-alone VSD's with Internal cooling and pressure transducer.

PRODUCT CODE	SIZE	MOQ
CAD10M1015	1.5 kW 230 V	1
CAD10M3015	1.5 kW 3 x 230 V	1
CAD10T3022	2.2 kW 400 V	1
CAD10T3040	4.0 kW 400 V	1
CAD10T3055	5.5 kW 400 V	1
CAD10T3075	7.5 kW 400 V	1



ACTOM STARTER STAR/DELTA ISO+AMP

Star/delta starters are suitable for starting three-phase motors. Metal IP65 enclosure contains an isolator, class 10 thermal overload relay and ammeter. Protects against overloading and phase loss.

PRODUCT CODE	SIZE	MOQ
514007-5	7.5 kW 380 V	1
514011	11 kW 380 V	1
514015	15 kW 380 V	1
514018-5	18.5 kW 380 V	1
514022	22 kW 380 V	1
514030	30 kW 380V	1
514037	37 kW 380 V	1
514045	45 kW 380 V	1
514055	55 kW 380 V	1
514075	75 kW 380 V	1
514090	90 kW 380 V	1
514110	110 kW 380 V	1



ALLEN BRADLEY DOL STARTER

Economy type starter with contactor and overload in plastic enclosure with IP66 protection.

PRODUCT CODE	SIZE	MOQ
3066019	0.55 kW - 2.2 kW 400 V	1
3066031	5.56 kW - 7.50 kW 400 V	1
3066035	11 kW 400 V	1

01 IRRIGATION PUMP & MOTOR ACCESSORIES



WEG DOL STARTER

DOL starters are suitable for starting single and three-phase motors. Plastic IP65 enclosures contain a contactor and class 10 thermal overload relay. Protects against overloading and phase loss.

SINGLE-PHASE

PRODUCT CODE	SIZE	MOQ
3066063	0.75 kW 230 V	1
3066064	1.1 kW 230 V	1
3066065	1.5 kW 230 V	1
3066066	2.2 kW 230 V	1
3066067	3 kW 230 V	1

THREE-PHASE

PRODUCT CODE	SIZE	MOQ
3066051	0.37 kW 400 V	1
3066052	0.55 kW 400 V	1
3066054	0.75 kW - 1.1 kW 400 V	1
3066055	1.5 kW 400 V	1
3066056	2.2 kW 400 V	1
3066057	3 kW 400 V	1
3066058	4 kW 400 V	1
3066059	5.5 kW 400 V	1
3066060	7.5 kW 400 V	1
3066061	11 kW 400 V	1
3066062	15 kW 400 V	1
3066068	18.5 kW 400 V	1



VAREM VERTICAL PRESSURE TANK

Use with centrifugal pumps to store water under pressure in automatic pressure systems.

PRODUCT CODE	SIZE	MOQ
30960LV	60 ℓ	1
309100LV	100 ℓ	1
309200LV	200 ℓ	1
309500LV	500 ℓ	1



VAREM HORIZONTAL PRESSURE TANK

Use with centrifugal pumps to store water under pressure in automatic pressure systems.

PRODUCT CODE	SIZE	MOQ
30920L	20 ℓ	1
30925L	24 ℓ	1
30960L	60 ℓ	1
309100L	100 ℓ	1



VAREM VERTICAL PRESSURE TANK 24 LITRE

Use with centrifugal pumps to store water under pressure in automatic pressure systems.

PRODUCT CODE	SIZE	MOQ
30924L	24 ℓ	1



VERTICAL PRESSURE TANK STAINLESS STEEL 8 LITRE

304 Vertical stainless steel 8 ℓ tank, 16 bar maximum pressure with EPDM membrane, 25 mm BSP connection. Installed with the pump to control the water under pressure for automatic pressure systems.

PRODUCT CODE	SIZE	MOQ
309SS8LV	8 ℓ 16 bar	1



PASCALI HORIZONTAL PRESSURE TANK

Pascali 24 ℓ steel tank complete.

PRODUCT CODE	SIZE	MOQ
PAS24L	24 ℓ	1



AQUAFOS HORIZONTAL TANK WITH PLASTIC BASE 25 MM

Aquafos horizontal tank with plastic base.

PRODUCT CODE	SIZE	MOQ
309AQ24H	24 ℓ	1
309AQ58H	58 ℓ	1



AQUAFOS TANK IN-LINE 25 MM

Aquafos In-line tank 24 ℓ.

PRODUCT CODE	SIZE	MOQ
309AQ24	24 ℓ	1



AQUAFOS TANK VERTICAL WITH PLASTIC BASE 25 MM

Aquafos vertical tank with plastic base 58 ℓ.

PRODUCT CODE	SIZE	MOQ
309AQ58	58 ℓ	1



AQUAFOS TANK VERTICAL WITH PLASTIC BASE 25 MM

Aquafos vertical tank with plastic base 100 ℓ.

PRODUCT CODE	SIZE	MOQ
309AQ100	100 ℓ	1



AQUAFOS TANK VERTICAL WITH STEEL BASE 32 MM

Aquafos vertical tank with steel base 160 ℓ.

PRODUCT CODE	SIZE	MOQ
309AQ160	160 ℓ	1

01 IRRIGATION PUMP & MOTOR ACCESSORIES



CASCADE VFF PRESSURE TANK

Tank to be used as replacement part on CAVFF260, CAVFF460 and CAVFF840 VSD pumps. The vessel ensures the pump can switch off if there are small leaks on the system. The air pressure must be maintained at 60% of set water pressure to ensure correct operation.

PRODUCT CODE	SIZE	MOQ
CATANK2L	2 ℓ	1
CATANK4L	4 ℓ	1



SPERONI VFF PRESSURE TANK

Replacement pressure tank for the Speroni and Cascade VFF range of pumps. These tanks work with a rubber diaphragm allowing the pump to switch on and off less frequently.

PRODUCT CODE	SIZE	MOQ
309VFF2L	2ℓ	1
309VFF4L	4 ℓ	1



SPERONI PUMP AUTOMATIC CONTROL UNIT DSK8

Suitable for automatic control in water pressure systems. Automatic start and stop function with opening and closing of taps. Dry run protection.

Related voltage:	220 V - 240 V 110 V-120 V
Frequency:	50/60 Hz
Max current:	10 A
Max power:	1.1 kW - 1.5 kW
Starting pressure setting:	1.2 bar - 1.5 bar - 2.2 bar
Max working pressure:	10 bar
Connection thread:	R1"
Protection rating:	IP65
Flow at dry running:	30 - 60 ℓ/h
Max working temperature:	60°C

PRODUCT CODE	SIZE	MOQ
309DSK8	230 V 1.1 kW	1



SPERONI PUMP AUTOMATIC CONTROL UNIT DSK9

Suitable for automatic control in water pressure systems. Automatic start and stop function with opening and closing of taps. Dry run protection.

Related voltage:	100 V - 240 V
Frequency:	50/60 Hz
Max current:	30 (16) A
Max power:	2.2 kW
Starting pressure setting:	1.2 bar - 1.5 bar - 2.2 bar
Max working pressure:	10 bar
Connection thread:	R1" ¼"
Protection rating:	IP65
Flow at dry running:	30 - 60 ℓ/h
Max working temperature:	60°C

PRODUCT CODE	SIZE	MOQ
309DSK9	230 V 2.2 kW	1



SPERONI PUMP AUTOMATIC CONTROL UNIT DSK2

Suitable for automatic control in water pressure systems. Automatic start and stop function with opening and closing of taps. Dry run protection.

Related voltage:	220 V - 240 V 110 V-120 V
Frequency:	50/60 Hz
Max current:	10 A
Max power:	1.1 kW - 1.5 kW
Starting pressure setting:	1.2 bar - 1.5 bar - 2.2 bar
Max working pressure:	10 bar
Connection thread:	R1"
Protection rating:	IP65
Flow at dry running:	60 - 150 ℓ/h
Max working temperature:	60°C

PRODUCT CODE	SIZE	MOQ
309DSK2	230 V 1.1 kW	1



SPERONI PUMP AUTOMATIC CONTROL UNIT PC-58 230 V 1.1 kW

Speroni pump automatic control unit 230 V 1.1 kW

PRODUCT CODE	SIZE	MOQ
309PC-58	230 V 1.1 kW	1



SPERONI EUROPRESS CONTROLLER

Speroni europress controller 230 V

Supply voltage:	230 V
Frequency:	50/60 Hz
Maximum rated current:	16 (6) A
Protection level:	IP65
Max operating pressure:	8 bar (Euro press)
Max working temperature:	65°C
1 male connection	
MATERIALS	
Body:	Nylon
Membrane:	NBR
Flow switch:	Brass

PRODUCT CODE	SIZE	MOQ
3095CON	230 V	1



SPERONI ADJUSTABLE STOP START PUMP CONTROL PC-59

Speroni adjust stop start pump control 1.1 kW

Starting pressure:	1 - 6 bar (adjustable)
Stop pressure:	2 bar - 10 bar (adjustable)
Min. differential pressure:	1 bar
Max. differential pressure:	7 bar
Rated current:	10 A
Max. allowable pressure:	10 bar
Rated voltage:	220 V
Frequency:	50/60 Hz
Outlet:	25 mm

PRODUCT CODE	SIZE	MOQ
309PC-59	1.1 kW	1



CASCADE AUTO CONTROL PUMP UNIT DSK1

Suitable for automatic control in water pressure systems. 10 Amps. Can be used on pumps up to 1.1 kW 230 V. Automatic start and stop function with opening and closing of taps. Dry run protection. 25 mm Outlet.

PRODUCT CODE	SIZE	MOQ
CADSK1	230 V 1.1 kW	1



CASCADE AUTO CONTROL PUMP UNIT DSK9

Suitable for automatic control in water pressure systems. 16 Amps. Can be used on pumps up to 2.2 kW 230 V. Automatic start and stop function with opening and closing of taps. Dry run protection. 32 mm Outlet.

PRODUCT CODE	SIZE	MOQ
CADSK9	230 V 2.2 kW	1



CASCADE AUTO CONTROL PUMP UNIT DSK2

Suitable for automatic control in water pressure systems. 10 Amps. Can be used on pumps up to 1.1 kW 230 V. Automatic start and stop function with opening and closing of taps. Dry run protection. 25 mm Outlet.

PRODUCT CODE	SIZE	MOQ
CAEDWC2013	230 V 1.1 kW	1



NERA STOP MODULE

To connect NERA to the solar system, the STOP MODULE device is available as an accessory. It is equipped with MC4 connectors for fast and easy panels connection, button for pump start and stop, connection for float or pressure switch as well as surge protection.

PRODUCT CODE	MOQ
NERA-STOP	1

01 IRRIGATION PUMP & MOTOR ACCESSORIES

SPERONI**SPERONI CONTROL FLUSH**

Suitable for automatic control in water pressure systems. Automatic start and stop function with opening and closing of taps. Dry run protection.

PRODUCT CODE	MOQ
309FCON	1

SPERONI**SPERONI VSD PRESSURE SENSOR 5 M**

To be used with stand-alone VSD's.

PRODUCT CODE	SIZE	MOQ
3066K16	0 - 16 bar Pressure transducers	1
3066K25	0 - 25 bar Pressure transducers	1

SPERONI**SPERONI PRESSURE SENSOR**

Replacement pressure sensing transducer for the Speroni and Cascade VFF model pumps, as well as for the Cascade VSD's. 0 - 10 bar 4 - 20 mA.

PRODUCT CODE	SIZE	MOQ
3066K90	230 V 1.1 kW 90 ° 90°	1

CASCADE PUMPS**CASCADE VSD PRESSURE SENSOR**

The pressure transmitter converts the measured pressure into a linear output signal. The minimum value of the output signal is equal to 10% of the value of the supply voltage. The maximum is equal to 90%. Therefore, with a power supply voltage of 8 - 28 VDC, a linear output signal is obtained equal to: 4 - 20 mA. CAPX010 to be used with all VFF pumps and Cascade stand-alone VSD's. CAPX016 to be used with all stand-alone buy-out VSD's.

PRODUCT CODE	SIZE	MOQ
CAPX010	230 V 1.1 kW 0 - 10 bar	1
CAPX016	230 V 1.1 kW 0 - 16 bar	1

VAREM**EUROPE MEMBRANE**

Membrane for stainless steel pressure tank 309SS8LV.

PRODUCT CODE	SIZE	MOQ
309MEM8LV	20 ℓ	1

VAREM**VAREM MEMBRANE**

Membrane for pressure tank.

PRODUCT CODE	SIZE	MOQ
309MEM20	20 ℓ Vertical	1
309MEM24	24 ℓ Vertical	1
309MEM60	60 ℓ Horizontal	1
309MEM100	100 ℓ Horizontal	1
309MEM100V	100 ℓ Vertical	1
309MEM200V	200 ℓ Vertical	1
309MEM500LV	500 ℓ Vertical	1

PASCALI**PASCALI MEMBRANE**

Pascali 24 liter replacement rubber membrane.

PRODUCT CODE	SIZE	MOQ
PASMEM24	24 ℓ	1

SPERONI**SPERONI CONNECTOR 3 WAY**

Connector to be used when connecting automatic pressure systems. Connect ends for pressure tank, push switch, pressure meter and pump.

PRODUCT CODE	MOQ
3093WAY	1

SPERONI**SPERONI CONNECTOR 4 WAY**

Connector to be used when connecting automatic pressure systems. Connect ends for pressure tank, push switch, pressure meter and pump.

PRODUCT CODE	SIZE	MOQ
3094WAY	25 mm	1

SPERONI**SPERONI CONNECTOR 5 WAY**

Connector to be used when connecting automatic pressure systems. Connect ends for pressure tank, push switch, pressure meter and pump.

PRODUCT CODE	SIZE	MOQ
3095WAY	25 mm	1

PASCALI**PASCALI BRASS CONNECTOR**

Pascali 3 way brass connector.

PRODUCT CODE	SIZE	MOQ
PAS3WAY	25 mm	1

PASCALI**PASCALI BRASS CONNECTOR**

Pascali 5 way brass connector.

PRODUCT CODE	SIZE	MOQ
PAS5WAY	25 mm	1

SPERONI**SPERONI CONNECTOR FOR CAM100EP**

Speroni connector for CAM100EP 25 mm.

PRODUCT CODE	SIZE	MOQ
426SP025	25 mm	1

SPERONI**SPERONI FLEXIHOSE D20X6 1 INCH FOR CAM100/60**

Hose for use on pressure tanks. In- and outlet 25 mm.

PRODUCT CODE	SIZE	MOQ
0847106230	25 mm	1

SPERONI**SPERONI FLEXIHOSE MALE 15 MM FEMALE 15 MM FOR CAM100/25**

Hose for use on pressure tanks. In- and outlet 25 mm.

PRODUCT CODE	SIZE	MOQ
0847106232	250 mm	1

01 IRRIGATION PUMP & MOTOR ACCESSORIES



PASCALI FLEXIBLE HOSE 65CM FOR QB24 JET/24 SS/24

Anti-vibration flexible hose for use on pressure tanks.

PRODUCT CODE	SIZE	MOQ
PASFLEXHOSE	65 cm	1



PASCALI FLEXIBLE HOSE SHORT FOR PASJET/24

Hose for use on pressure tanks. Short female thread size is 1/2 inch (15 mm), male thread size is 1/4 inch (8 mm).

PRODUCT CODE	SIZE	MOQ
PASFLEXHOSE-2	Short	1



STAIRS CABLE LEAD OUT

Lead-out cable for Stairs motors. Replace the cable if damaged during installation or when motor is replaced. Ensure that it is clean and dry before insertion. Do not use sealants on the plug section.

PRODUCT CODE	SIZE	MOQ
308030C	0.37 kW - 1.5 kW 1.7 m	1
308036C	2.2 kW - 7.5 kW 2.5 m	1



CASCADE FLOAT SWITCH 8 AMP

Switching device that activates or deactivates when the liquid is rising or lowering. Cable and weight included.

PRODUCT CODE	SIZE	MOQ
CAFS5M	5 m	1
CAFS10M	10 m	1



SPERONI FLOAT SWITCH

Switching device that activates or deactivates when the liquid is rising or sinking. Cable and weight included.

PRODUCT CODE	SIZE	MOQ
ST-M5	5 m	1
ST-M10	10 m	1



SPERONI SWITCH PRESSURE LP3

Pressure switch to use on pressure systems to automatically switch pump off when there is no flow, thus protecting the unit from running dry. To be used in series with 3095 bar.

PRODUCT CODE	MOQ
309CAM-LP3	1



SPERONI PRESSURE SWITCH 5 BAR

Pressure switch 5 bar.

PRODUCT CODE	SIZE	MOQ
3095BAR	2.8 bar	1



PASCALI PRESSURE SWITCH SK-1

Pascali pressure switch SK-1.

PRODUCT CODE	MOQ
PASSK-1	1



PASCALI PRESSURE SWITCH

Pascali pressure switch on at 1.4 bar and off at 2.8 bar.

PRODUCT CODE	SIZE	MOQ
PASSK-2A	2.8 bar	1



CABLE SPLICE KIT RESIN 2/4 CORE

Use in narrow shapes, ideal for borehole applications where space is limited. Four vein cable splicer included.

PRODUCT CODE	SIZE	MOQ
ARJEP0	1.5 mm – 4 mm	1
ARJP1	4 mm – 10 mm	1



CABLE SPLICE KIT 4 WIRE WITH FERRELS

Dry cable joint for use on submersible cable.

PRODUCT CODE	SIZE	MOQ
ALVSJ1	1.5 mm - 4 mm	1
ALVSJ2	6 mm - 16 mm	1



STARTER BASE 8 PIN

Holds the relay and makes contact with a circuit. 8 Pin base connected to circuit to hold base.

PRODUCT CODE	MOQ
PF-083A	1



CABLE SPLICE KIT ARMOURED

Cable splice kit 4 wire with ferrels.

PRODUCT CODE	SIZE	MOQ
ALVJ154	1.5 mm – 4 mm	1



STARTER RELAY 24 V 8 PIN

8 Pin plug in relay: double pole switching device.

PRODUCT CODE	MOQ
MK-2P	1



LIGHTNING ARRESTOR

Heavy-duty, compact type surge arrester that is intended for indoor use in domestic and industrial distribution boards. The arrester will protect a wide range of electrical and electronic equipment powered by 220/240 V single-phase and 380/440 V three-phase supply systems from high, transient voltage spikes and mains surges. Three are required for three-phase installation.

PRODUCT CODE	SIZE	MOQ
3065050	2 Wire 25 kA 380 V	1



CABLE SPLICE KIT SCOTCHCAST

Utilizes a slim-line mould, 82 series is ideal for borehole applications where space is limited. 82-A1 min O.D 7 mm, max O.D 16 mm. Cable size 2.5 mm to 4 mm² 82-A2 min O.D 14 mm, max O.D 28 mm. Cable size 6 to 16 mm².

PRODUCT CODE	SIZE	MOQ
40082-A1	82-A1	1
40082-A2	82-A2	1



PUMP COVER PC3 RANGE

Green Hydro Farms pump covers for protection of your irrigation pumps.

PRODUCT CODE	SIZE	MOQ
PCOVER3BI	Medium Beige	1
PCOVER3OG	Medium Olive Green	1



PUMP COVER PC4

Green Hydro Farms pump covers for protection of your irrigation pumps.

PRODUCT CODE	SIZE	MOQ
PCOVER4BI	Small Beige	1

01 IRRIGATION PUMP & MOTOR ACCESSORIES



CANADIAN SOLAR PANEL

Mono crystal solar panel.

PRODUCT CODE	SIZE	MOQ
302SD120HV	SD HV 120 W VMP 37.2 V IMP 3.26 A	1
302SD180	SD 180 W 205 W	1
302SD180HV	High Voltage SD HV 180 W VMP 36.5 V IMP 4.93 A	1
302SD250	SD 300 W VMP 30.83 V IMP 8.11 A	1



CANADIAN HIGH POWER POLY PERC SOLAR PANEL

Lower internal current, lower hot spot temperature. Minimizes micro-crack impacts. Heavy snow load up to 5400 Pa, wind load up to 3600 Pa.

- 24 % Higher power than conventional modules
- Up to 4.5% lower LCOE
- Up to 2.7% lower system cos
- Low NMOT: 42 plus/minus 3°C
- Low temperature coefficient (Pmax): -0.36%/°C
- Better shading tolerance

PRODUCT CODE	SIZE	MOQ
302SD420	395 W - 420 W	1



CABLE SUBMERSIBLE 4 CORE 500 M

High-conductivity bunched plain flexible copper conductors. Cores insulated and bedded with flexible PVC.

PRODUCT CODE	SIZE	MOQ
3901.5MM	1.5 mm	500 m
3902.5MM	2.5 mm	500 m
3904.3MM	4.3 mm	500 m
3906.3MM	6.3 mm	500 m



CABLE SUBMERSIBLE 3 CORE 500 M

High-conductivity bunched plain flexible copper conductors. Cores insulated and bedded with flexible PVC.

PRODUCT CODE	SIZE	MOQ
4001.5MM	1.5 mm	500 m
4002.5MM	2.5 mm	500 m
4004.3MM	4.3 mm	500 m
4006.3MM	6.3 mm	500 m



PIVOT ANTI-THEFT CABLE 11 CORE

Construction of solid aluminium alloy conductors, PVC insulated and ultra violet protected PVC outer sheath. For use in the supply of power and control to irrigation systems. This cable has been specially designed to reduce the risk of cable theft for scrap value and will be more cost effective than copper cable. Scrap value will be 80% less than that of copper cable.

CODE	SIZE	MOQ
401111	11 AAR/CORE	500 m

TORRENTI



TORRENTI PUMP PACKING GRAPHITE

Black colour. Used on irrigation installations in particular.

PRODUCT CODE	SIZE	MOQ
HW2250128	6 mm x 1 m	1
HW2250268	8 mm x 1 m	1
HW2250403	10 mm x 1 m	1
HW2250543	13 mm x 1 m	1
HW2250631	16 mm x 1 m	1
HW2250632	20 mm x 1m	1

TORRENTI**TORRENTI PUMP PACKING TEFTLON**

Light brown. Used in clean, more hygienic environment.

PRODUCT CODE	SIZE	MOQ
HW2250004	6 mm x 1 m	1
HW2250020	8 mm x 1 m	1
HW2250047	10 mm x 1 m	1
HW2250063	13 mm x 1 m	1
HW2250098	16 mm x 1 m	1

**PRESSURE GAUGE GLYCERINE**

Measures pressure on pipelines and pump installations. Pressure check needle at code F1784.

PRODUCT CODE	SIZE	MOQ
3650-0250	0-0250 kPa	1
3650-400	0-400 kPa	1
3650-600	0-600 kPa	1
3650-800	0-800 kPa	1
3650-1000	0-1000 kPa	1
3650-1600	0-1600 kPa	1
3650-2500	0-2500 kPa	1

SPERONI**SPERONI GAUGE DSK2**

Replacement pressure gauge for 309DSK2.

PRODUCT CODE	MOQ
309DSK2GAUGE	1

PASCALI**PASCALI PRESSURE GAUGE FOR DSK2**

Pascali pressure gauge max, 10 bar.

PRODUCT CODE	SIZE	MOQ
PASY4010BAR	0 - 1200 kPa	1

SPERONI**SPERONI PRESSURE OIL GAUGE STAINLESS STEEL 60 MM**

Speroni oil pressure gauge 60 mm stainless steel, 0 - 11 bar. Back entry.

PRODUCT CODE	SIZE	MOQ
309H-GAUGE	0 - 11 bar	1

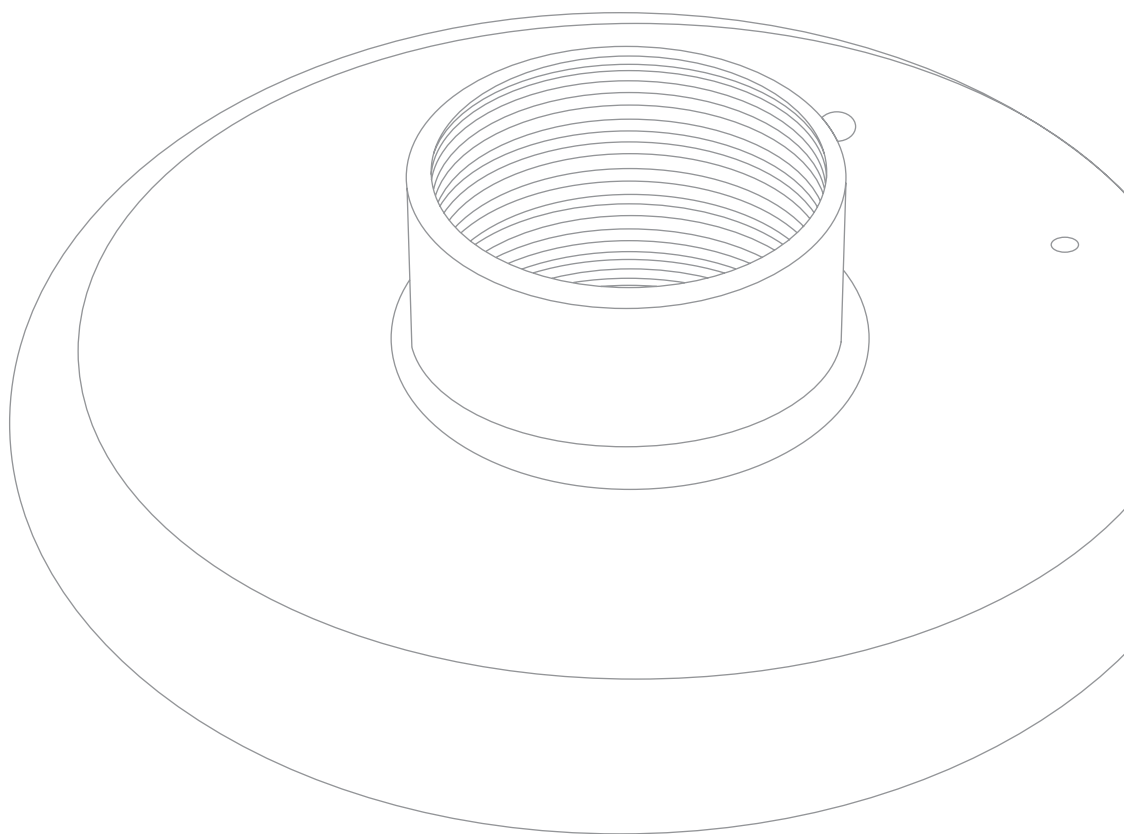
SPERONI**SPERONI PRESSURE GAUGE**

Back inlet dry-pressure gauge. 8 mm.

PRODUCT CODE	SIZE	MOQ
309GAUGE	50 mm 0 - 600 kPa	1

01 IRRIGATION PUMP & MOTOR ACCESSORIES

IRRIGATION BOREHOLE EQUIPMENT





DELIVERY TABLE FOR JOOSTE CYLINDERS DRIVEN BY WINDMILLS OR POWERHEADS

CYLINDER MODEL	CYLINDER DIAMETER		TOTAL HEAD	ROD SIZE	MINIMUM WINDMILL WHEEL (FOOT)	LITERS* (PER HOUR)
	MM	INCH				
AS50	49.2	2	60	12	8	500
AS50RDS	49.2	2	100	16	10	494
AS50RDS	49.2	2	150	16	14	489
AS50RDS	49.2	2	240	16	16	480
AS60	61.2	2.5	50	16	8	770
AS60	61.2	2.5	60	16	10	769
AS60RDS	61.2	2.5	80	16	10	767
AS60RDS	61.2	2.5	100	16	12	765
AS60RDS	61.2	2.5	80	16	14	760
AS70	73.2	3	40	16	8	1,100
AS70	73.2	3	60	16	10	1,098
AS70RDS	73.2	3	80	16	12	1,096
AS70RDS	73.2	3	120	16	16	1,092
AS70RDS	73.2	3	130	16	16	1,091
AS80	81.5	3.5	30	16	8	1,370
AS80	81.5	3.5	50	16	10	1,368
AS80	81.5	3.5	60	16	12	1,367
AS80RDS	81.5	3.5	70	16	12	1,366
AS80RDS	81.5	3.5	100	16	14	1,363
AS80RDS	81.5	3.5	120	16	16	1,361
AS100	100	4	20	16	8	2,100
AS100	100	4	40	16	12	2,098
AS100	100	4	50	16	12	2,097
AS100	100	4	60	16	14	2,096
AS130	125	5	20	16	10	3,250
AS130	125	5	30	16	12	3,249
AS130	125	5	50	16	14	3,247
AS130	125	5	60	16	16	3,246
AS150	152.4	6	20	16	12	4,700
AS150	152.4	6	30	16	14	4,699
AS150	152.4	6	40	16	16	4,698
AS180	177.8	7	20	20	14	6,500
AS180	177.8	7	30	20	16	6,499

* The litres per hour are an indication only.



JOOSTE DEEP CYLINDER

The RDS models are specially designed for boreholes with a total head of more than 60 m and have a stroke length of 360 mm. The stainless steel tube is longer than the standard cylinder and operates with a double ring plunger. Rod supports and the unique Jooste foot valve is fitted to the RDS models. A rust retainer is fitted on the galvanised rod, before the cylinder, preventing rust or sand from settling in the cylinder.

PRODUCT CODE	SIZE	MOQ
AS50RDS	AS50 50-40 50 mm	1
AS60RDS	AS60 50-40 60 mm	1
AS70RDS	AS70 50-50 70 mm	1
AS80RDS	AS80 50-50 80 mm	1



JOOSTE PRESSURE SURFACE CYLINDER

The Jooste force cylinder is surface mounted for pumping from a tank, reservoir, river, dam or well and can pump over long distances up to a height of 240 m, depending on the distance and the size of the pipe. It consists of a RDS cylinder with a force head fitted to it. A baseplate is used to secure the pump to the ground. 500 mm Cylinder with 370 mm stroke length.

PRODUCT CODE	SIZE	MOQ
AS50F	AS50 40-40 50 mm	1
AS60F	AS60 50-40 60 mm	1
AS70F	AS70 40-40 70 mm	1
AS80F	AS80 50-40 80 mm	1
AS100F	AS100 50-40 100 mm	1

JOOSTE
Suter & Pump Mpy. (Edms) Bpk
Cylinder & Pump Co. (Pty) Ltd



JOOSTE CYLINDER STAINLESS STEEL

The AS Cylinders consists of a stainless steel tube and plunger set which is attached to the rod. A unique Jooste foot valve is fitted at the bottom of the cylinder. For use in boreholes up to a depth of 60 m. Cylinder tube is 450 mm with a stroke length of 320 mm.

PRODUCT CODE	SIZE	MOQ
AAS050	50 mm	1
AAS060	60 mm	1
AAS070	70 mm	1
AAS080	80 mm	1
AAS100	100 mm	1
AAS130	130 mm	1

JOOSTE
Suter & Pump Mpy. (Edms) Bpk
Cylinder & Pump Co. (Pty) Ltd



JOOSTE CYLINDER ROD COMPLETE

The pump rod in RDS cylinders (used in deep holes) is the component that moves the plunger set up and down.

PRODUCT CODE	SIZE	MOQ
AS60RDS17	RDS AS60 60 mm	1
AS70RDS17	RDS AS70 70 mm	1

JOOSTE
Suter & Pump Mpy. (Edms) Bpk
Cylinder & Pump Co. (Pty) Ltd



JOOSTE FORCE HEAD ROD STAINLESS STEEL

Pump rod made from stainless steel. Used with force head. Spare part on Jooste force head at code Jooste force head 40 mm.

PRODUCT CODE	SIZE	MOQ
AFB40-31	16 mm x 500 mm	1
AFB318	16 mm x 800 mm	1
AFB311	16mm x 1000 mm	1

JOOSTE
Suter & Pump Mpy. (Edms) Bpk
Cylinder & Pump Co. (Pty) Ltd



JOOSTE PUMP ROD STAINLESS STEEL

Force head pump rod with long thread.

PRODUCT CODE	SIZE	MOQ
ASP3-ST	16 x 700 mm	1
ASD8-9ST	16 x 800 mm	1

JOOSTE
Suter & Pump Mpy. (Edms) Bpk
Cylinder & Pump Co. (Pty) Ltd



JOOSTE FORCE HEAD

The Force Head is fitted into a T-piece on the last riser pipe to prevent water being forced out at the rod. This high-pressure model has a 250 m delivery capacity. 16 x 500 mm stainless steel rod.

PRODUCT CODE	SIZE	MOQ
AFB40	40 mm	1

JOOSTE
Suter & Pump Mpy. (Edms) Bpk
Cylinder & Pump Co. (Pty) Ltd



JOOSTE CYLINDER ROD COMPLETE

The pump rod for AS cylinders is the component that pushes the plunger up and down in the cylinder.

PRODUCT CODE	SIZE	MOQ
AS05017	AS50 12 mm Rod	1
AS08017	AS80 16 mm Rod	1

JOOSTE
Suter & Pump Mpy. (Edms) Bpk
Cylinder & Pump Co. (Pty) Ltd



JOOSTE FORCE HEAD LOW PRESSURE

The force head consists of three main parts; 12 mm rod, housing and packing. There is also a brass adjustment nut.

PRODUCT CODE	SIZE	MOQ
AFA40	40 mm	1

JOOSTE
Suter & Pump Mpy. (Edms) Bpk
Cylinder & Pump Co. (Pty) Ltd



JOOSTE FORCE HEAD GREASE SEAL FB40-29A

Spare part on the force head. Only use with grease supplied by Jooste.

PRODUCT CODE	MOQ
AFB40-29A	1



JOOSTE CYLINDER RING SET

The ring set consists of a ring, plunger valve and spring. The ring fits in the groove of the plunger.

PRODUCT CODE	SIZE	MOQ
AS05008	AS50 – 50 mm Brown	1
AS06008	AS60 – 60 mm Yellow	1
AS07008	AS70 – 70 mm Purple	1
AS08008	AS80 – 80 mm Green	1
AS10008	AS100 – 100 mm Orange	1
AS13008	AS130 – 130 mm White	1



JOOSTE CYLINDER PLUNGER SET

The plunger moves up and down with the cylinder rod. The plunger set consists of a plunger, ring, plunger valve and spring.

PRODUCT CODE	SIZE	MOQ
AS05011	AS50 – 50 mm Brown ring	1
AS06011	AS60 – 60 mm Yellow ring	1
AS07011	AS70 – 70 mm Purple ring	1
AS08011	AS80 – 80 mm Green ring	1
AS10011	AS100 – 100 mm Orange ring	1
AS13011	AS130 – 130 mm White ring	1



JOOSTE CYLINDER PLUNGER SET DOUBLE

Double plunger complete with 2 rings, plunger valve and spring.

PRODUCT CODE	SIZE	MOQ
AS50RDS-11X	AS50RDS – 50 mm Brown rings	1
AS60RDS-11X	AS60RDS – 60 mm Yellow rings	1
AS70RDS-11X	AS70RDS – 70 mm Purple rings	1
AS80RDS-11X	AS80RDS – 80 mm Green rings	1



JOOSTE CYLINDER RING SET DOUBLE

The double ring set consists of 2 x rings, plunger valve and spring. Spares for the RDS plunger/piston set.

PRODUCT CODE	SIZE	MOQ
AS50RDS8	ASRDS50 – 50 mm Brown rings	1
AS60RDS8	ASRDS60 – 60 mm Yellow rings	1
AS70RDS8	ASRDS70 – 70 mm Purple rings	1
AS80RDS8	ASRDS80 – 80 mm Green rings	1



JOOSTE SPRING VALVE FOOT

Spring for foot valve (spare part).

PRODUCT CODE	SIZE	MOQ
AS60010	AS60 – 60 mm	1



JOOSTE CYLINDER FOOT VALVE ONLY

The foot-valve is used in the cylinder to allow water through and to stop water flowing out.

PRODUCT CODE	SIZE	MOQ
AS05001	AS50 – 50 mm Brown valve stop	1
AS06001	AS60 – 60 mm Yellow valve stop	1
AS07001	AS70 – 70 mm Purple valve stop	1
AS08001	AS80 – 80 mm Green valve stop	1
AS01001	AS100 – 100 mm Orange valve stop	1
AS01301	AS130 – 130 mm White valve stop	1

JOOSTE
Suler & Pomp Mpy. (Edms) Bpk
Cylinder & Pump Co. (Pty) Ltd



JOOSTE CYLINDER STOP VALVE SET

Valve stop set is fitted at the bottom of the cylinder where the water is sucked up.

PRODUCT CODE	SIZE	MOQ
AS503BC	AS50 – 50 mm Brown	1
AS603BC	AS60 – 60 mm Yellow	1
AS703BC	AS70 – 70 mm Purple	1
AS803BC	AS80 – 80 mm Green	1
AS1003BC	AS100 – 100 mm Orange	1
AS1303BC	AS130 – 130 mm White	1

JOOSTE
Suler & Pomp Mpy. (Edms) Bpk
Cylinder & Pump Co. (Pty) Ltd



JOOSTE CYLINDER RING

Fits in the groove of the plunger set. Stops the water from passing the plunger set in the upwards movement.

PRODUCT CODE	SIZE	MOQ
AS508	AS50 – 50 mm Brown	1
AS608	AS60 – 60 mm Yellow	1
AS708	AS70 – 70 mm Purple	1
AS808	AS80 – 80 mm Green	1
AS108	AS100 – 100 mm Orange	1

JOOSTE
Suler & Pomp Mpy. (Edms) Bpk
Cylinder & Pump Co. (Pty) Ltd



JOOSTE FORCE HEAD OIL SEAL

Oil seal for force head. Only use with oil supplied by Jooste.

PRODUCT CODE	SIZE	MOQ
AFB40-32	Red	1

JOOSTE
Suler & Pomp Mpy. (Edms) Bpk
Cylinder & Pump Co. (Pty) Ltd



JOOSTE CYLINDER PLUNGER VALVE

Valve on plunger set.

PRODUCT CODE	SIZE	MOQ
AS05012	AS50 – 50 mm Brown	1
AS06012	AS60 – 60 mm Yellow	1
AS07012	AS70 – 70 mm Purple	1
AS08012	AS80 – 80 mm Green	1
AS10012	AS100 – 100 mm Orange	1

JOOSTE
Suler & Pomp Mpy. (Edms) Bpk
Cylinder & Pump Co. (Pty) Ltd



JOOSTE ACETAL ADAPTOR

The acetal adaptor can be fitted to the bottom of the cylinder to accommodate a submersible pump or extension pipes and is part of the sub assembly.

PRODUCT CODE	SIZE	MOQ
AF50AA	AF50 – 50 mm Brown	1
AF60AA	AF60 – 60 mm Yellow	1
AF70AA	AF70 – 70 mm Purple	1
AF80AA	AF80 – 80 mm Green	1

JOOSTE
Suler & Pomp Mpy. (Edms) Bpk
Cylinder & Pump Co. (Pty) Ltd



JOOSTE FORCE HEAD HOUSING

The housing is a part of the force head.

PRODUCT CODE	MOQ
AFB40-28	1

JOOSTE
Suler & Pomp Mpy. (Edms) Bpk
Cylinder & Pump Co. (Pty) Ltd



JOOSTE FORCE HEAD NUT

Spare part on the force head. Designed to tighten the packing in the housing.

PRODUCT CODE	MOQ
AFB40-30	1

JOOSTE
 Suler & Pump Mpy, (Edms) Bpk
 Cylinder & Pump Co. (Pty) Ltd


JOOSTE PIPE PROTECTOR

Pipe protectors are fitted onto the rods in the riser pipe. Two pipe protectors per rod are required.

PRODUCT CODE	SIZE	MOQ
APB1228	12 x 28 Orange	1
APB1240	12 x 40 White	1
APB1628	16 x 28 Blue	1
APB1640	16 x 40 Yellow	1
APB1650	16 x 50 Grey	1
APB2050	20 x 50 Red	1

JOOSTE
 Suler & Pump Mpy, (Edms) Bpk
 Cylinder & Pump Co. (Pty) Ltd


JOOSTE CYLINDER SEAT

Spare (Seat) on the foot valve of the cylinder.

PRODUCT CODE	SIZE	MOQ
AS50001	AS50 – 50 mm	1
AS60001	AS60 – 60 mm	1
AS70001	AS70 – 70 mm	1
AS80001	AS80 – 80 mm	1
AS10001	AS100 – 100 mm	1

JOOSTE
 Suler & Pump Mpy, (Edms) Bpk
 Cylinder & Pump Co. (Pty) Ltd


JOOSTE FORCE HEAD VALVE CHECK ACETAL

Easy to fit in cylinder and very effective used vertically or horizontally. Used as a one-way valve. This check valve is used in the AS50F40 & AS60F40 force cylinder and can also be used as a one-way valve.

PRODUCT CODE	SIZE	MOQ
AKK40AC	40 mm	1
AKK50AC	50 mm	1

JOOSTE
 Suler & Pump Mpy, (Edms) Bpk
 Cylinder & Pump Co. (Pty) Ltd


JOOSTE CYLINDER STOP VALVE

The Valve Stop is a part of the foot valve.

PRODUCT CODE	SIZE	MOQ
AS5003B2	AS50 – 50 mm Brown	1
AS6003B2	AS60 – 60 mm Yellow	1
AS7003B2	AS70 – 70 mm Purple	1

JOOSTE
 Suler & Pump Mpy, (Edms) Bpk
 Cylinder & Pump Co. (Pty) Ltd


JOOSTE CYLINDER BOLT

Spare (5 mm stainless steel bolt) on the cylinder.

PRODUCT CODE	SIZE	MOQ
AS0705B	AS70 – 70 mm	1

JOOSTE
 Suler & Pump Mpy, (Edms) Bpk
 Cylinder & Pump Co. (Pty) Ltd


JOOSTE FORCE HEAD OIL

Special oil to be used with Jooste packings. Spare part on Jooste force head at code AFB40.

PRODUCT CODE	SIZE	MOQ
AOF020	20 mℓ	1

JOOSTE
 Suler & Pump Mpy, (Edms) Bpk
 Cylinder & Pump Co. (Pty) Ltd


JOOSTE FORCE HEAD PACKING

New improved packing for use on FB40 force head (AFB40).

PRODUCT CODE	MOQ
AFB40-29X	1

JOOSTE
 Suler & Pump Mpy, (Edms) Bpk
 Cylinder & Pump Co. (Pty) Ltd


JOOSTE CYLINDER NUT

Spare nut for Jooste cylinder. 5 mm Stainless Steel.

PRODUCT CODE	SIZE	MOQ
AS0705N	AS70 – 70 mm	1

JOOSTE
Soler & Pump Mpy. (Edms) Bpk
Cylinder & Pump Co. (Pty) Ltd



JOOSTE CYLINDER PLUNGER ONLY

The plunger moves up and down in the cylinder and is part of the plunger set. The new design has a better rounding that stops the plunger from getting stuck in the cylinder and has less problems with sand. The plungers on cylinders for deep holes and force heads have two rings next to each other.

PRODUCT CODE	SIZE	MOQ
AS5011	AS50 – 50 mm	1
AS6011	AS60 – 60 mm	1
AS7011	AS70 – 70 mm	1
AS8011	AS80 – 80 mm	1
AS1011	AS100 – 100 mm	1

JOOSTE
Soler & Pump Mpy. (Edms) Bpk
Cylinder & Pump Co. (Pty) Ltd



JOOSTE SUB ASSEMBLY

The sub assembly is used to attach a submersible pump onto a cylinder enabling the use of the windmill and a submersible pump. The sub assembly is made up of an acetal adaptor, a Jooste non-return (one-way valve), T-piece and a stainless steel nipple. The acetal adaptor is installed into the cylinder below the foot valve (do not remove the foot valve). The submersible pump is attached to the bottom stainless steel nipple.

PRODUCT CODE	SIZE	MOQ
AAS50SUB	AS50	1
AAS60SUB	AS60	1
AAS70SUB	AS70	1
AAS80SUB	AS80	1

JOOSTE
Soler & Pump Mpy. (Edms) Bpk
Cylinder & Pump Co. (Pty) Ltd



JOOSTE CYLINDER O-RING

Spare O-ring for Jooste cylinder.

PRODUCT CODE	SIZE	MOQ
AS50004	AS50 – 50 mm	1
AS60004	AS60 – 60 mm	1
AS70004	AS70 – 70 mm	1
AS80004	AS80 – 80 mm	1
AS10004	AS100 – 100 mm	1
AS13004	AS130 – 130 mm	1

JOOSTE
Soler & Pump Mpy. (Edms) Bpk
Cylinder & Pump Co. (Pty) Ltd



JOOSTE ROD SUPPORT

The pump rod support insures that the full weight does not rest on the foot valve, should you accidentally drop the rods. It prevents the foot-valve from falling out and the rods from falling down the borehole.

PRODUCT CODE	SIZE	MOQ
SS40-16	40 mm x 16 mm	1
SS50-16	50 mm x 16 mm	1



BASEPLATE CAST IRON

Split base plate for use at installation of submersible pump and windmills.

PRODUCT CODE	SIZE	MOQ
402032	32 mm	1
402040	40 mm	1
402050	50 mm	1
402065	65 mm	1
402080	80 mm	1
402100	100 mm	1



SOCKET ROD ELECTRO PLATED

Connecting the pump rods with each other as well as with the cylinder.

PRODUCT CODE	SIZE	MOQ
160001	12 mm	10
161001	12 mm x 1/2"	10
160002	16 mm	10
161003	16 mm x 1/2"	10
161002	16 mm x 12 mm	10
161004	16 mm x 3/8"	10
160004	1/2"	10
160005	5/8"	10
161006	5/8" x 1/2"	10
161005	5/8" x 12 mm	10

02 IRRIGATION BOREHOLE EQUIPMENT



BASEPLATE HDPE

Baseplate with ends to attach safety rope and ground wire as well as gland for submersible pump cable.

PRODUCT CODE	SIZE	MOQ
401025	25 mm	1
401032	32 mm	1
401040	40 mm	1



BASEPLATE GALVANISED STEEL

Heavy-duty base plate used in the case of deeper installation of submersible pumps.

PRODUCT CODE	SIZE	MOQ
398032	32 mm	1
398040	40 mm	1
398050	50 mm	1



NUT LOCK ELECTRO PLATED

Connecting the pump rods with each other as well as with the cylinder.

PRODUCT CODE	SIZE	MOQ
162001	12 mm	10
162002	16 mm	10
162004	½"	10
162005	⅝"	10



ROD PUMP ELECTRO PLATED

Pump rods of 3 m used with brass cylinders on windmills.

PRODUCT CODE	SIZE	MOQ
159001	12 mm	1
159002	16 mm	1



TAP WASHER FIBRE

Fibre washer for replacement on hot water taps.

PRODUCT CODE	SIZE	MOQ
2040905	13 mm	1
2041049	20 mm	10



PLUNGER TUBE BUCKET KIT

Replacement washer set for rapid force head models.

PRODUCT CODE	SIZE	MOQ
311-200	P3	1
311-205	P4	1
311-210	P6	1



WASHER FORCEHEAD RUBBER

Range of quality rubber washers to be used with borehole cylinders and force heads.

PRODUCT CODE	SIZE	MOQ
311-650	N/D12	1
311-655	N/D	1
311-660	HP 32 mm	1
311-665	HP 40 mm	1
311-680	LP 40 mm	1
311-685	LP 50 mm	1



TAP WASHER LEATHER SMALL

Leather washer for replacement on cold water taps.

PRODUCT CODE	SIZE	MOQ
2040484	13 mm	10



TAP WASHER LEATHER LARGE

Leather washer for replacement on cold water taps.

PRODUCT CODE	SIZE	MOQ
2040638	20 mm	10
2040778	25 mm	10



LEATHER WASHER

Range of quality rubber washers to be used with borehole cylinders connections.

PRODUCT CODE	SIZE	MOQ
311-020	1"	1
311-025	1-¼"	1
311-030	1-⅜"	1
311-035	1-½"	1
311-035F	1-½" Forcehead	1
311-040	1-⅝"	1
311-045	1-¾"	1
311-055	2"	1
311-060	2-¼"	1
311-070	2-½"	1
311-075	2-¾"	1
311-090	3"	1
311-095	3-¼"	1
311-105	3-½"	1
311-110	3-¾"	1
311-125	4"	1
311-130	4-½"	1
311-150	5"	1



WINDMILL WASHER LEATHER 1 PACK

Quality leather washer. Individually packed. Used as replacement washer for brass windmill cylinders.

PRODUCT CODE	SIZE	MOQ
0736616	1-¼"	1
0736618	1-½"	1
0736617	1-⅜"	1
0736620	1-¾"	1
0736619	1-⅝"	1
0736621	1-⅞"	1
0736614	1"	1
0736623	2-¼"	1
0736624	2-½"	1
0736625	2-¾"	1
0736622	2"	1
0736628	3-½"	1
0736627	3-¼"	1
0736629	3-¾"	1
0736626	3"	1
0736661	4-¼"	1
0736663	4-½"	1
0736662	4"	1
0736664	5"	1
311-605F	62.5 mm 16 mm	1



WASHER LEATHER GRAPHITE COATED

Graphite-coated leather cups prevent fast absorption of water and act as lubricant to reduce binding of the plunger in the cylinder. Three to four times longer life-span than that of standard cups.

PRODUCT CODE	SIZE	MOQ
311-505	1"	1
311-510	1-¼"	1
311-515	1-½"	1
311-520	1-¾"	1
311-525	2"	1
311-530	2-½"	1
311-535	3"	1
311-540	3-½"	1
311-545	4"	1



PACKING OLD TYPE

Old packing for use on force head with oil.

PRODUCT CODE	MOQ
311-220	1



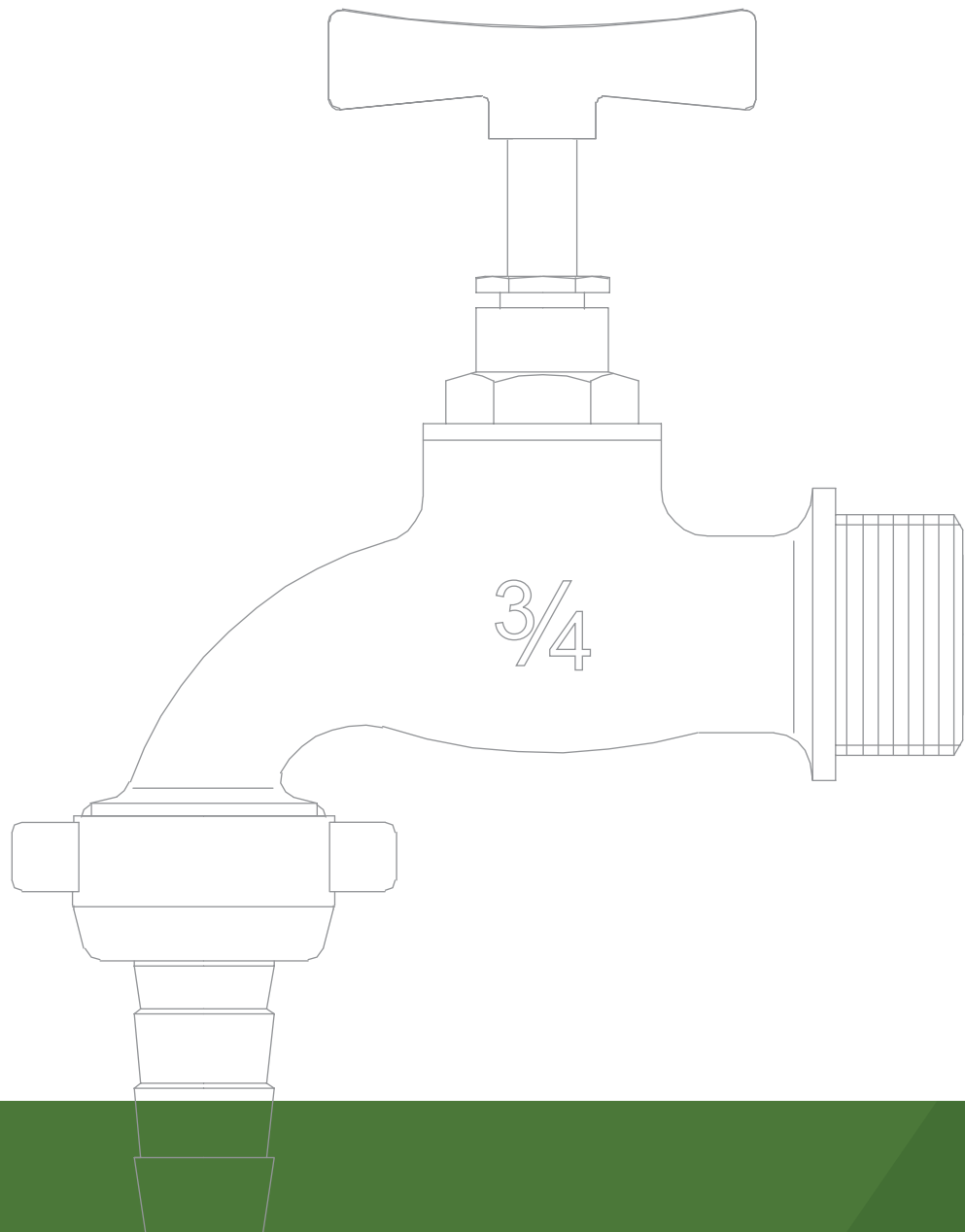
PACKING IMPROVED

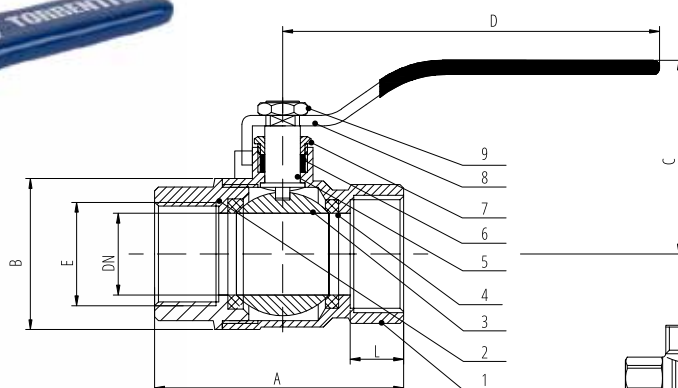
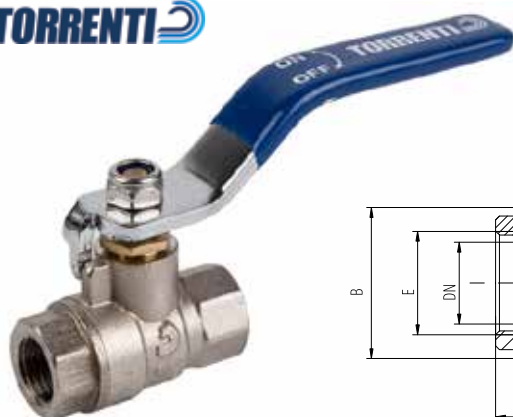
New improved packing for force head with oil.

PRODUCT CODE	MOQ
311-225	1

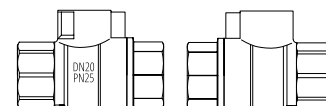
02 IRRIGATION **BOREHOLE EQUIPMENT**

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IRRIGATION
VALVES



MATERIALS		
1	BODY	BRASS
2	BONNET	BRASS
3	BALL	BRASS
4	O-RING	PTFE
5	STEM	BRASS
6	GASKET	PTFE
7	NUT	BRASS
8	HANDLE	IRON
9	NUT	STAINLESS STEEL

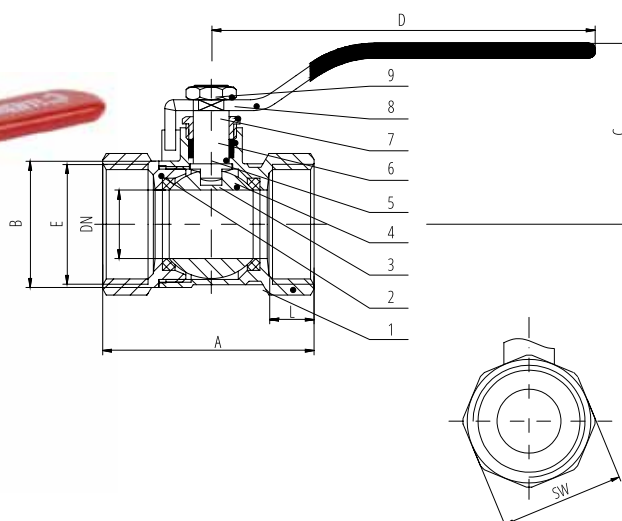


BALL VALVE FULL BORE TYPE BLUE

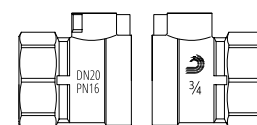
Brass valve with chrome finish. Steel handle to control flow of water.

Nominal pressure : 25 bar
Working medium : Water, gas, oil (Non corrosive)
Working temperature : -10°C to 120°C
Thread standard : ISO228-1

PRODUCT CODE	SIZE	A	B	C	D	E"	L	DN	WEIGHT (g)	MOQ
320008	8 mm	41	21	45	85	1/4	9	9	110	1
320010	10 mm	43	23.5	46	85	3/8	12	10	135	1
320015	15 mm	49	28.5	48	100	1/2	12	14	167	1
320020	20 mm	54.5	35.5	51	100	3/4	12	19	237	1
320025	25 mm	66.5	42.5	57	112	1	14.5	22	357	1
320032	32 mm	72.5	52.5	70	140	1 1/4	14	29	540	1
320040	40 mm	85.5	62.5	75	140	1 1/2	15	35	775	1
320050	50 mm	94.5	74	85	165	2	18	43	1160	1
320065	65 mm	116	97	103	235	2 1/2	18.5	57	2350	1
320080	80 mm	139	114	123	240	3	22.5	69	3540	1
320100	100 mm	165	138.5	135	240	4	29.5	85	6000	1



MATERIALS		
1	BODY	BRASS
2	SCREW	BRASS
3	BALL	BRASS
4	O-RING	PTFE
5	STEM	BRASS
6	GASKET	PTFE
7	NUT	BRASS
8	HANDLE	IRON
9	NUT	STAINLESS STEEL

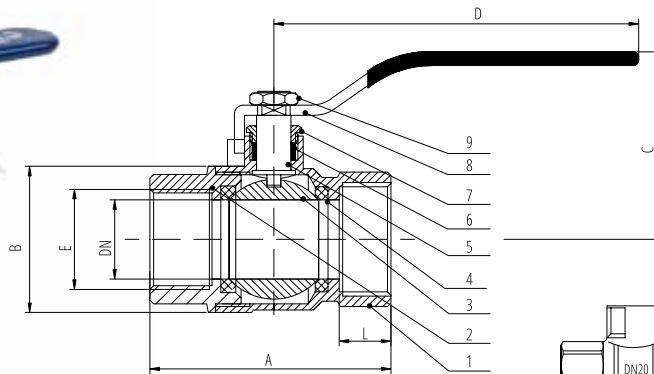


BALL VALVE REDUCE BORE TYPE RED

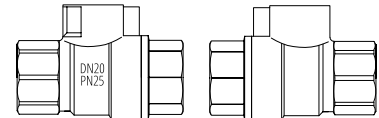
Brass valve with chrome finish. Steel handle to control flow of water.

Nominal pressure : 16 bar
Working medium : Water, gas, oil (Non corrosive)
Working temperature : -10°C to 120°C
Thread standard : ISO228-1

PRODUCT CODE	SIZE	E"	A	B	C	D	L	SW	DN	WEIGHT (g)	MOQ
321015	15 mm	1/2	47	25.5	46	100	12	24.5	12	160	1
321020	20 mm	3/4	52	30.5	50	100	12.5	30.5	15	215	1
321025	25 mm	1	59	35	55	112	13.5	37	19	310	1
321032	32 mm	1 1/4	68	45	68	140	14.5	46.5	25	545	1
321040	40 mm	1 1/2	80	56	76	140	16	53	32	735	1
321050	50 mm	2	92	69.5	90	170	18	65.5	40	1130	1



MATERIALS		
1	BODY	ZINC ALLOY
2	BONNET	ZINC ALLOY
3	BALL	IRON
4	O-RING	PTFE
5	STEM	IRON
6	GASKET	PTFE
7	NUT	BRASS
8	HANDLE	IRON
9	NUT	STAINLESS STEEL

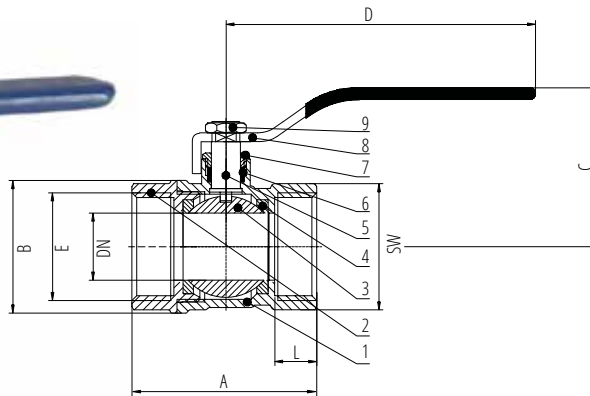


BALL VALVE FULL ECONO

Valve with chrome finish. Steel handle to control flow of water.

Nominal pressure : 16 bar
 Working medium : Water, gas, oil (Non corrosive)
 Working temperature : -10°C to 120°C
 Thread standard : ISO228-1

PRODUCT CODE	SIZE	E	A	B	C	D	L	DN	WEIGHT (g)	MOQ
321115	15 mm	1/2	50	28	42	93	13.5	14	147	1
321120	20 mm	3/4	56	35.5	49	93	13.5	19	215	1
321125	25 mm	1	64.5	42.5	56	112	14	24	315	1
321132	32 mm	1 1/4	73.5	53	70	118	14.5	30	540	1
321140	40 mm	1 1/2	83	62	75	140	15	37	770	1
321150	50 mm	2	92.5	74.5	85	165	16.5	44	1195	1



MATERIALS		
1	BODY	BRASS
2	BONNET	BRASS
3	BALL	BRASS
4	O-RING	PTFE
5	STEM	BRASS
6	GASKET	PTFE
7	NUTS	BRASS
8	HANDLE	STEEL
9	NUT9	S.S.201

BALL VALVE FULL BORE MEDIUM PRESSURE FXF

Brass valve with chrome finish. Steel handle to control flow of water.

Nominal pressure : 16 bar
 Working medium : Water, gas, oil (Non corrosive)
 Working temperature : -10°C to 120°C
 Thread standard : ISO228

CODE	SIZE	A	B	C	D	L	DN	SW	WEIGHT (g)	MOQ
312015	15 mm	43	27.5	47	80	9	14	24	140	1
312020	20 mm	48	33	49	85	10	17	29	193	1
312025	25 mm	57	41	55	98	10.5	21	36	310	1



BIBCOCK LOCK TYPE CHROME PLATED

Brass ball valve with hose connection that locks. Chrome plated. 16 bar.

PRODUCT CODE	SIZE	MOQ
323015	15 mm	1
323020	20 mm	1



BIBCOCK AND HOSE UNION CHROME

Brass ball valve with hose connection. Chrome plated. 16 bar.

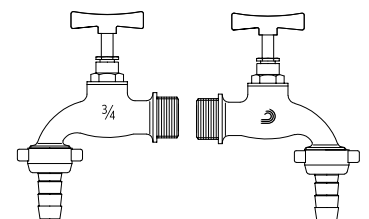
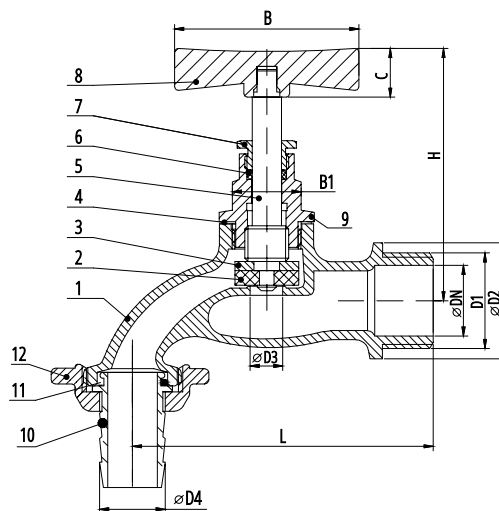
PRODUCT CODE	SIZE	MOQ
322015	15 mm	1
322020	20 mm	1



TAP HOSE BRASS

Complete with brass hose pipe connection. Heavy duty.

- Nominal pressure : 16 bar
- Working medium : Water, gas, oil (Non corrosive)
- Working temperature : -10°C to 120°C
- Thread standard : According to ISO228-1



MATERIALS		
1	BODY	BRASS
2	SEAT	NBR
3	GASKET	BRASS
4	O-RING	PTFE
5	STEM	BRASS
6	GASKET	PTFE
7	PRESS NUTS	BRASS
8	HANDLE	BRASS
9	BONNET	BRASS
10	OUTLET	BRASS
11	SEAT	NBR
12	COLOR CAP	BRASS

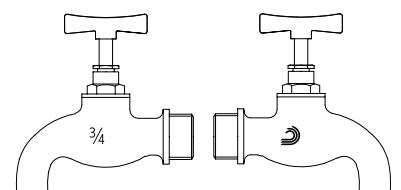
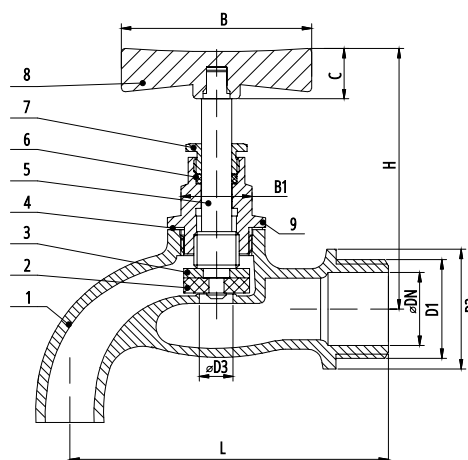
PRODUCT CODE	SIZE	DN	D ₁	D ₂	D ₃	B	B ₁	C	L	H	WEIGHT (g)	MOQ
333208-15	15 mm x 1/2"	15.5	1/2	24.5	10	13	56	SW18	16	103	78	308
333208-20	20 mm x 3/4"	20.5	3/4	32	13	19.5	56	SW18	16	96	72	363



TAP PLAIN BRASS

Heavy duty quality brass tap for domestic use.

- Nominal pressure : 16 bar
- Working medium : Water, gas, oil (Non corrosive)
- Working temperature : -10°C to 120°C
- Thread standard : According to ISO228-1



MATERIALS		
1	BODY	BRASS
2	SEAT	NBR
3	GASKET	BRASS
4	O-RING	PTFE
5	STEM	BRASS
6	GASKET	PTFE
7	PRESS NUT	BRASS
8	HANDLE	BRASS
9	BONNET	BRASS

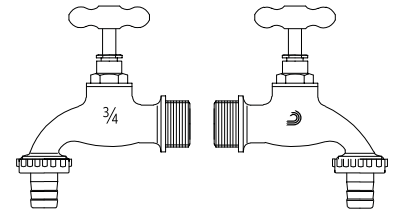
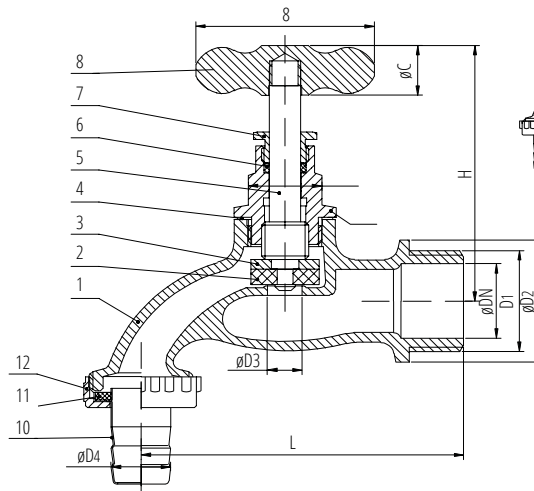
PRODUCT CODE	SIZE	DN	D ₁	D ₂	D ₃	B	B ₁	C	L	H	WEIGHT (g)	MOQ
333200-15	15 mm x 1/2"	15.5	1/2	24.5	10	13	56	SW18	16	103	78	308
333200-20	20 mm x 3/4"	20.5	3/4	32	13	19.5	56	SW18	16	96	72	363



BIBCOCK TAP STANDARD BRASS

Standard duty brass tap for domestic use. Complete with brass hose-pipe connector.

- Nominal pressure : 16 bar
- Working medium : Water, gas, oil (Non corrosive)
- Working temperature : -10°C to 120°C
- Thread standard : According to ISO228-1



MATERIALS		
1	BODY	BRASS
2	SEAT	NBR
3	GASKET	BRASS
4	O-RING	PTFE
5	STEM	BRASS
6	GASKET	PTFE
7	PRESS NUTS	BRASS
8	HANDLE	BRASS
9	BONNET	BRASS
10	OUTLET	STAINLESS STEEL
11	SEAT	NBR
12	COLOUR CAP	BRASS

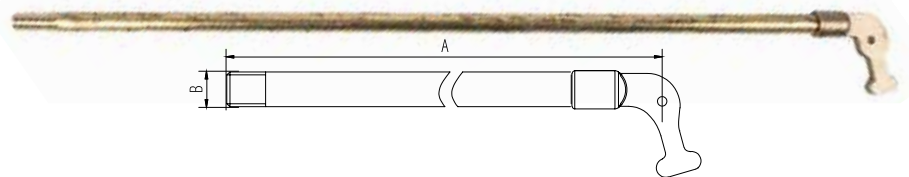
PRODUCT CODE	SIZE	DN	D1	D2	D3	D4	B	B1	C	L	H	WEIGHT (g)	MOQ
333201-15	15 mm x 1/2"	15	1/2	24	8	13.5	39.5	SW16.5	10.5	74	53	185	1
33320-15-20	15 mm x 3/4"	15	1/2	25	9	15.5	38	SW16.5	10.5	74	53	200	1
333201-20	20 mm x 3/4"	15	3/4	31.5	9	19.5	45.5	SW16.5	13	83	69	265	1



FLOAT VALVE ARM BRASS

Brass arm for replacement on Agrinet low-pressure and high-pressure ball valves.
Float valves at codes 333700-020.

- Nominal pressure : 16 bar
- Working medium : Water, gas, oil (Non corrosive)
- Working temperature : -10°C to 120°C
- Thread standard : According to ISO228-1



PRODUCT CODE	E	A	B	WEIGHT (g)	MATERIAL	MOQ
333760-015	286 x 15 mm ARM 8 mm	286	8	130	BRASS	1
333760-020	340 x 20 mm ARM 8 mm	340	8	152	BRASS	1
333760-025	420 x 25 mm ARM 10 mm	420	10	297	BRASS	1
333760-032	422 x 32 mm ARM 12 mm	422	12	425	BRASS	1
333760-040	452 x 40 mm ARM 12 mm	452	12	452	BRASS	1
333760-050	542 x 50 mm ARM 12 mm	542	12	535	BRASS	1

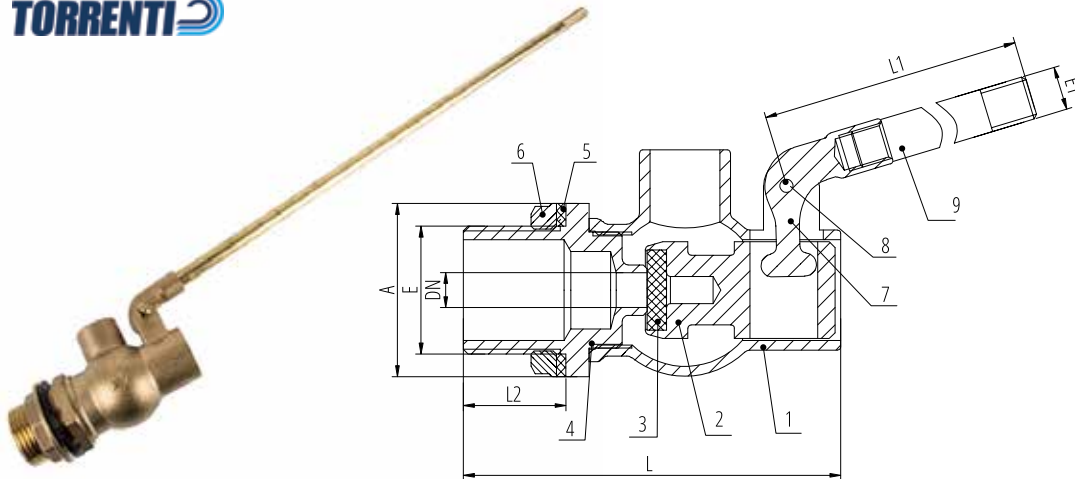


FLOAT VALVE ARM ECON TYPE BRASS

Brass ball valve arm for replacement on ball valve.
Complete valves at code 935020.



PRODUCT CODE	E	A	B	WEIGHT (g)	MATERIAL	MOQ
935120	15 - 20 mm	286	8	125	BRASS	1
935122	25 mm	420	10	297	BRASS	1



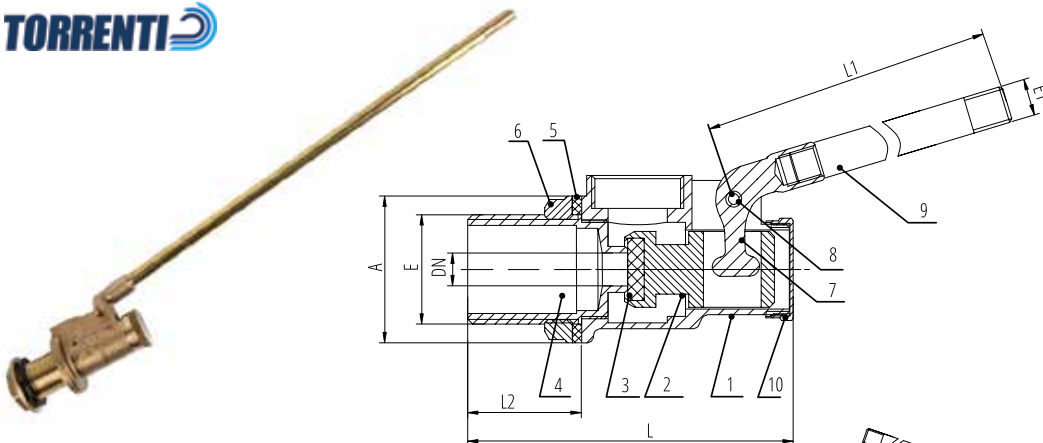
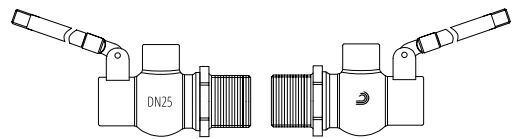
MATERIALS		
1	BODY	BRASS
2	CORE	BRASS
3	GASKET	NBR
4	TIE-IN	BRASS
5	O-RING	NBR
6	PRESS NUTS	BRASS
7	ROTOR	BRASS
8	PIN	BRASS
9	TIE ROD	BRASS

FLOAT VALVE ECON TYPE BRASS

Brass low-pressure ball valve for flow control by tanks and reservoirs. Loose arms at code 935120.

- Nominal pressure : 16 bar
- Working medium : Water, gas, oil (Non-corrosive)
- Working temperature : -10°C to 120°C
- Thread standard : According to ISO228-1

PRODUCT CODE	E	DN	L	L1	L2	E1	A	WEIGHT (g)	MOQ
935015	15 mm	8	65.5	286	21	M8	SW23.5	290	1
935020	20 mm	8	65.5	286	21	M8	SW29.5	330	1
935025	25 mm	9	91.5	420	26.5	M10	SW39.5	666	1



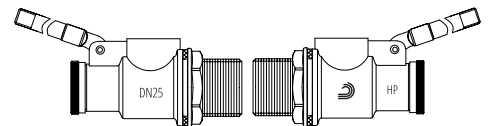
MATERIALS		
1	BODY	BRASS
2	CORE	BRASS
3	GASKET	NBR
4	TIE-IN	BRASS
5	O-RING	NBR
6	PRESS NUTS	BRASS
7	ROTOR	BRASS
8	PIN	BRASS
9	TIE ROD	BRASS
10	CASE	BRASS

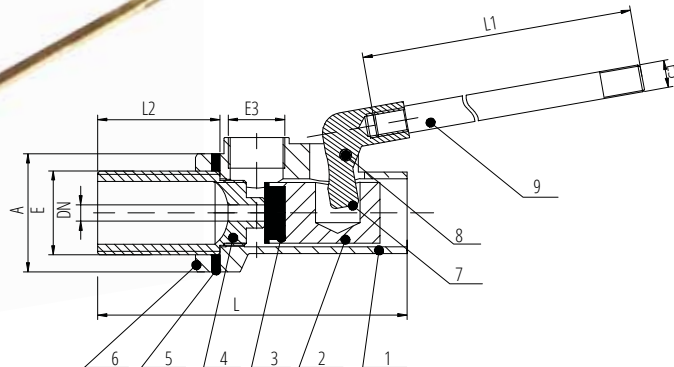
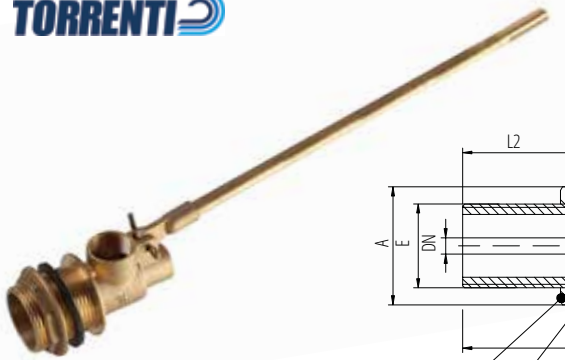
FLOAT VALVE HIGH PRESSURE BRASS

High-pressure brass float valve with recommended operating pressure between 200 kPa and 1600 kPa. Replacement arm at code 333760-025. Brass ball at code 332-B200. Polyurethane balls at codes 332-C3498, 332-C3548, 332-C3629. Plastic ball at code 332-P125.

- Nominal pressure : 16 bar
- Working medium : Water, gas, oil (Non corrosive)
- Working temperature : -10°C to 120°C
- Thread standard : According to ISO228-1

PRODUCT CODE	E	DN	L	L1	L2	E1	A	WEIGHT (g)	MOQ
333700-015	15 mm ARM 8 mm	3.8	75	286	30	M8	34	290	1
333700-020	20 mm ARM 8 mm	5	92	340	30	M8	34	480	1
333700-025	25 mm ARM 10 mm	9	102	420	36.5	M10	44.5	720	1
333700-032	32 mm ARM 12 mm	11.5	147	422	41	M12	60	1522	1
333700-040	40 mm ARM 12 mm	14.5	158	452	52	M12	60	1652	1
333700-050	50 mm ARM 12 mm	19	156	542	50	M12	60	1705	1





MATERIALS		
1	BODY	BRASS
2	CORE	BRASS
3	GASKET	SILICONE RUBBER
4	TIE-IN	BRASS
5	O-RING	NBR
6	PRESS NUTS	BRASS
7	ROTOR	BRASS
8	PIN	BRASS
9	TIE ROD	BRASS

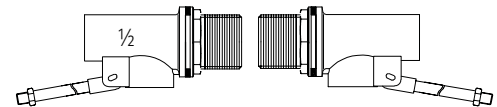
FLOAT VALVE MEDIUM PRESSURE BRASS

Medium-pressure brass ball valves with recommended operating pressure between 200 kPa and 1600 kPa.

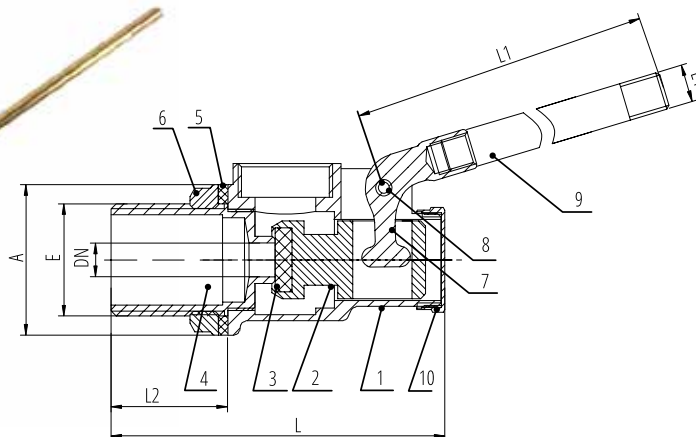
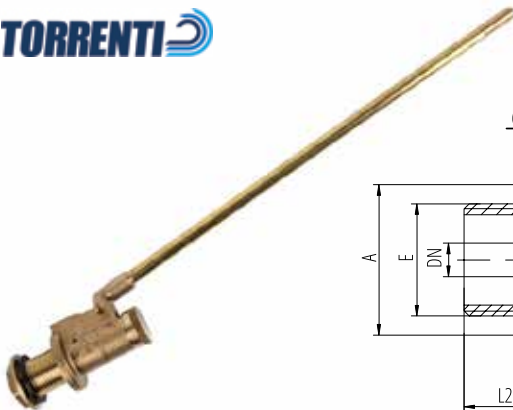
*Replacement arm at code 333760-025. Brass ball at code 332-B200. *Polyurethane balls at codes 332-C3498, 332-C3548, 332-C3629. Plastic ball at code 332-P125.

**Stainless steel ball code at 332-Y125.

- Nominal pressure : 16 bar
- Working medium : Water, gas, oil (Non corrosive)
- Working temperature : -10°C to 110°C
- Thread standard : According to ISO228



PRODUCT CODE	E	DN	L	L1	L2	E1	E2	A	WEIGHT (g)	MOQ
333720-015	15 mm	4	72	230	30	M8	G 3/8	33	265	1
333720-020	20 mm	6	72.5	230	31	M8	G 3/8	34	275	1
333720-025	25 mm	10	94	310	36	M10	G 1/2	43	570	1

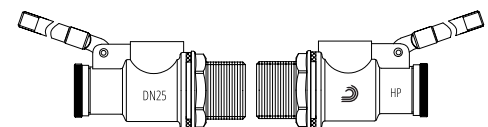


MATERIALS		
1	BODY	BRASS
2	CORE	BRASS
3	GASKET	NBR
4	TIE-IN	BRASS
5	O-RING	NBR
6	PRESS NUTS	BRASS
7	ROTOR	BRASS
8	PIN	BRASS
9	TIE ROD	BRASS
10	CASE	BRASS

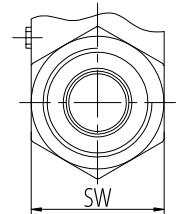
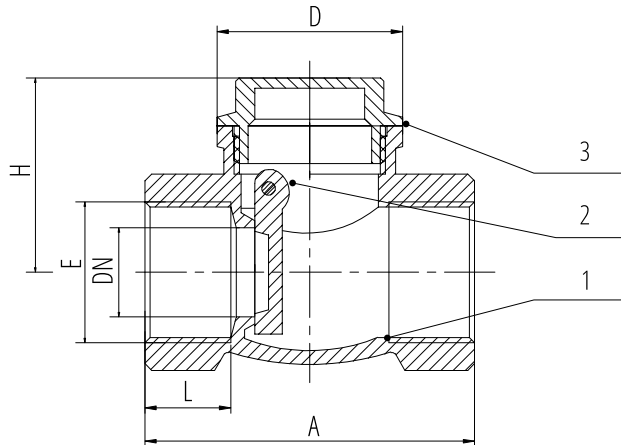
FLOAT VALVE LOW PRESSURE BRASS

Low-pressure brass float valve with recommended operating pressure between 200 kPa and 1600 kPa. Replacement arm at code 333760-025. Brass ball at code 332-B200. Polyurethane balls at codes 332-C3498, 332-C3548, 332-C3629. Plastic ball at code 332-P125.

- Nominal pressure : 16 bar
- Working medium : Water, gas, oil (Non corrosive)
- Working temperature : -10°C to 120°C
- Thread standard : According to ISO228-1



PRODUCT CODE	E	DN	L	L1	L2	E1	A	WEIGHT (g)	MOQ
333710-015	15 mm ARM 8 mm	4.5	75	286	30	M8	34	283	1
333710-020	20 mm ARM 8 mm	10	92	340	30	M8	34	470	1
333710-025	25 mm ARM 10 mm	11.5	102	420	36.5	M10	44.5	702	1
333710-032	32 mm ARM 12 mm	16.5	147	422	41	M12	60	1488	1
333710-040	40 mm ARM 12 mm	19	158	452	52	M12	60	1576	1
333710-050	50 mm ARM 12 mm	25	156	542	50	M12	60	1653	1



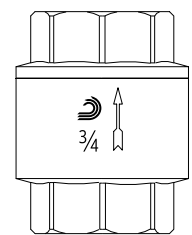
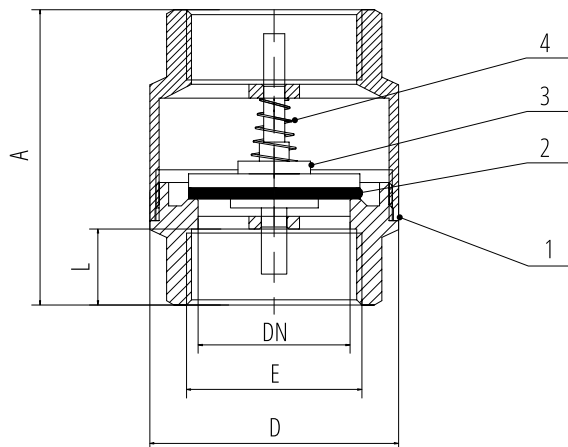
MATERIALS		
1	BODY	BRASS
2	WEDGE	BRASS
3	BONNET	BRASS

VALVE SWING CHECK BRASS

Swivel type one-way valve to prevent backflow of water.

- Nominal pressure : 16 bar
- Working medium : Water, gas, oil (Non corrosive)
- Working temperature : -10°C to 120°C
- Thread standard : According to ISO228-1

PRODUCT CODE	E	A	H	D	L	SW	DN	WEIGHT (g)	MOQ
425K015	15 mm	47	30.5	27	12.5	24.5	12.5	115	1
425K020	20 mm	56	36	31	14	31	17.5	180	1
425K025	25 mm	63	45	39.5	14	38	22	290	1
425K032	32 mm	72.5	49	47	15.5	47.5	27	490	1
425K040	40 mm	80	52	51.5	15	53.5	31	620	1
425K050	50 mm	94	60.5	63.5	16	66	43.5	920	1
425K065	65 mm	102.5	70.5	74	16.5	83.5	53.5	1600	1
425K080	80 mm	124	80	89	20	97	62	2400	1
425K100	100 mm	160	103	118	26	124	89	4950	1



MATERIALS		
1	BODY	BRASS
2	GASKET	NBR
3	INSERT	BRASS
4	SPRING	STAINLESS STEEL

VALVE CHECK BRASS SPRING LOADED

Spring operated one-way valve. Prevents water from flowing back. Used with submersible pumps. Strainers available at code 426S015.

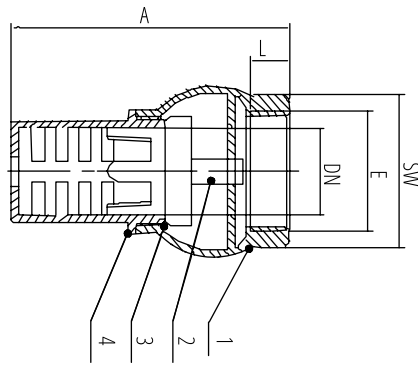
- Nominal pressure : 16 bar
- Working medium : Water, gas, oil (Non corrosive)
- Working temperature : -10°C to 120°C
- Thread standard : According to ISO228-1

PRODUCT CODE	E	A	D	L	DN	WEIGHT (g)	MOQ
426K015	15 mm	45.5	33.2	10	18.5	130	1
426K020	20 mm	50	39.5	12	24	180	1
426K025	25 mm	53	46.7	13	29	250	1
426K032	32 mm	59	58.7	14.5	36	390	1
426K040	40 mm	69.5	67.5	16	44	550	1
426K050	50 mm	78	80	17	53	850	1
426K065	65 mm	95	101	20	68	1540	1
426K080	80 mm	105	110	25	75	2230	1
426K100	100 mm	123	143	26	103	3590	1

TORRENTI


FOOT VALVE BRASS

Brass foot valve used with suction hoses. Prevents stones going through to pump and stop water flowing out again.



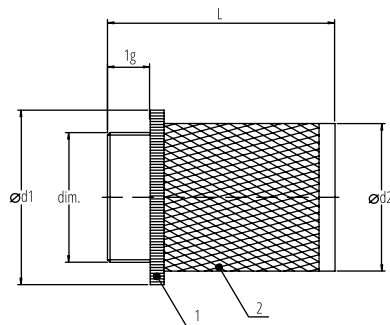
MATERIALS		
1	BODY	BRASS
2	INSERT	BRASS
3	O-RING	NBR
4	BONNET	BRASS

CODE	SIZE	A	L	DN	SW	WEIGHT (g)	MOQ
330K020	20 mm						1
330K025	25 mm	75	13	24.5	37	240	1
330K032	32 mm	81.5	12.5	27.5	47	340	1
330K040	40 mm	86.5	16	33.5	53	450	1
330K050	50 mm	98.5	18	38.5	65	640	1
330K065	65 mm	129.5	22	48.5	82.5	1180	1
330K080	80 mm	145	25	56.5	95	1870	1
330K100	100 mm	166.5	28	72.5	125	3300	1

TORRENTI


FOOT VALVE STRAINER

Used with foot valves to keep dirt out. See valves at code 426K015.



MATERIALS		
1	BONNET	ABS
2	FILTER	STAINLESS STEEL

PRODUCT CODE	SIZE	DN	D ₂	D ₃	LG	L	WEIGHT (g)	MOQ
426S015	15 mm	27	24	15	8	40	8	1
426S020	20 mm	35	30.6	19	8	40	10	1
426S025	25 mm	40	37	23.5	10	51	17	1
426S032	32 mm	49	44	34.5	10	57	19	1
426S040	40 mm	58	54	40	10	65	28	1
426S050	50 mm	69	63	49	12	77	44	1
426S065	65 mm	85	78	63	13	93	75	1
426S080	80 mm	98	86	77	12	101	87	1
426S100	100 mm	122	112	98	14	115	170	1



FLOMAX FOOT VALVE KKV THREADED

Foot valves are used to keep dirt out.

PRODUCT CODE	SIZE	MOQ
BL80	80 mm	1
BL100	100 mm	1
BL150	150 mm	1



FLOMAX FOOT VALVE TD FLANGED

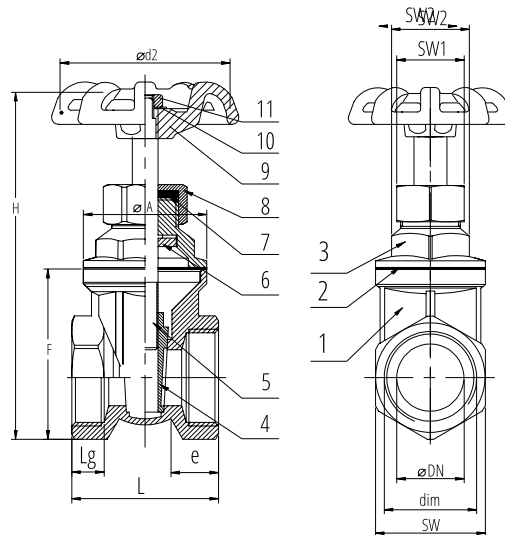
Foot valves are used to keep dirt out.

PRODUCT CODE	SIZE	MOQ
BL100FL	100 mm	1
BL150FL	150 mm	1
BL200FL	200 mm	1
BL250FL	250 mm	1

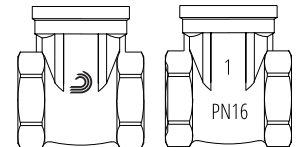
TORRENTI


GATE VALVE BRASS

Female BSP threaded both ends. Regulates water by turning the wheel. 15 - 25 mm Medium duty. 32 - 100 mm Heavy duty.



MATERIALS		
1	BODY	BRASS
2	O-RING	PTFE
3	BONNET	BRASS
4	DISC	BRASS
5	STEM	BRASS
6	NUTS	BRASS
7	GASKET	PTFE
8	NUTS	BRASS
9	HANDLE	IRON
10	GASKET	AI.
11	NUTS	S.S

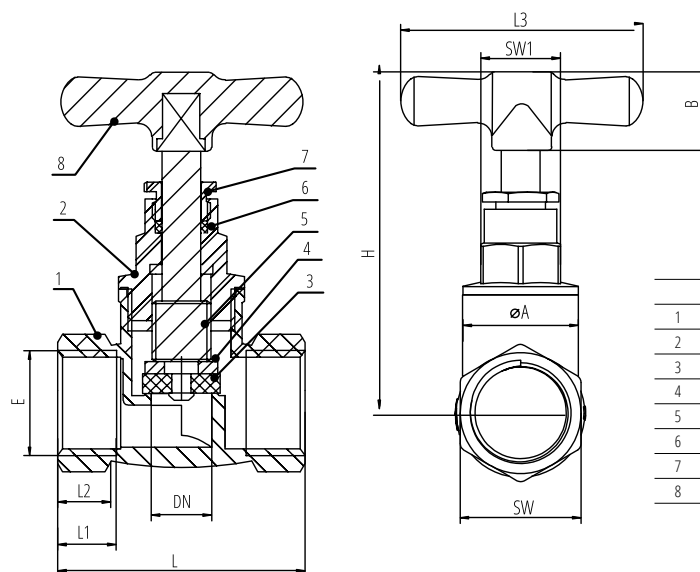


CODE	SIZE	DIM	DN	PN	D ₂	L	H	LG	E	F	A	SW	SW ₁	SW ₂	WEIGHT (g)	MOQ
MEDIUM																
329A015	15 mm	½"	13		53	33	69					24.5			185	1
329A020	20 mm	¾"	17		53	36.5	77					30			260	1
329A025	25 mm	1"	22		60	43.5	83					37			365	1
328A032M	32 mm	1 ¼"	27.5		62	48.5	96					46			560	1
328A040M	40 mm	1 ½"	32		73	54	106					52			700	1
328A050M	50 mm	2"	40.5		78	60	121					64			1000	1
HEAVY DUTY																
329A032	32 mm	1 ¼"	29	16	71	57	135	13	13	74	50	47.8	19	34	720	1
329A040	40 mm	1 ½"	33.5	16	71	60	150	13.5	14	84	55	54	20	34	900	1
329A050	50 mm	2"	43	16	78	66	170	14	19	97	65	66.5	21	42	1285	1
329A065	65 mm	2 ½"	57.5	16	108	78.5	218	16	21	126.5	83	81.5	24	56	2380	1
329A080	80 mm	3"	67	16	110	83	240	20	23	151	98	96.5	27	65	3350	1
329A100	100 mm	4"	88	16	126	97	305	24	25	190	124.5	122	27	84	5520	1

TORRENTI

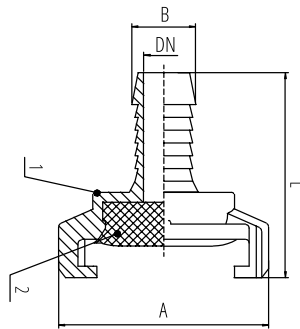

STOP VALVE

Quality brass tap with female thread on both sides. For domestic or industrial use.



MATERIALS		
1	BODY	BRASS
2	BONNET	BRASS
3	SEAT	NBR
4	GASKET	BRASS
5	STEM	BRASS
6	GASKET	PTFE
7	PRESS NUTS	BRASS
8	HANDLE	BRASS

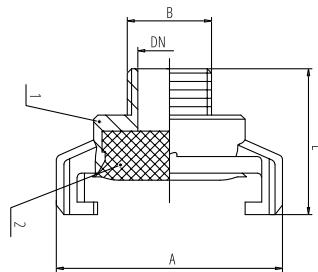
PRODUCT CODE	SIZE	DN	A	B	H	L	L ₁	L ₂	L ₃	SW	SW ₁	WEIGHT (g)	MOQ
333221-015	15 mm	10	27	17.5	73	56	12.5	11	53	25.5	16.5	272	1
333221-020	20 mm	13	30.5	17.5	86	63	15	12	53	33	19.5	407	1

TORRENTI


COUPLING HOSE BRASS

Brass quick-coupling connector. Hose end for dragline and all other types of garden hose.

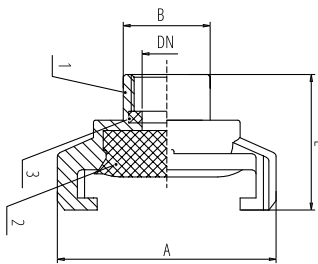
PRODUCT CODE	SIZE	DN	L	A	B	WEIGHT (g)	MOQ
GE101	½" 13 mm ID	9.5	47.5	55	13.5	71	1
GE103	¾" 19 mm ID	16	51.5	55	20.5	82	1
GE104	1" 25 mm ID	21	54.5	55	26	99	1

TORRENTI


COUPLING MALE BRASS

Brass quick-coupling connector. Male thread for dragline and all other types of garden hose.

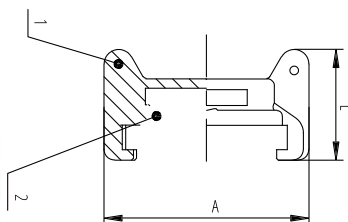
PRODUCT CODE	SIZE	DN	L	A	B	WEIGHT (g)	MOQ
GE110A	½" 13 mm OD	15	33	55	20.6	70	1
GE111A	¾" 19 mm OD	20	31	55	26.2	74	1
GE113A	1" 25 mm OD	26	33	55	32.6	80	1

TORRENTI


COUPLING FEMALE BRASS

Brass quick-coupling connector. Female thread for dragline and all other types of garden hose.

PRODUCT CODE	SIZE	DN	L	A	B	WEIGHT (g)	MOQ
GE110	½" 13 mm ID	14.5	30	55	25	75	1
GE111	¾" 19 mm ID	20	30	55	30.5	75	1
GE113	1" C 25 mm ID	23	33	55	36	76	1

TORRENTI


COUPLING BLANK BRASS

Brass quick-coupling blank cap to stop water supply.

PRODUCT CODE	L	A	WEIGHT (g)	MOQ
GE118A	30	55.4	71	1



Tap only allows water through when pig pushes against the tap. Limits water wastage and keeps sties dry.

PRODUCT CODE	SIZE	MOQ
2012852	15 mm	1



Tap only allows water through when pig pushes against the tap. Limits water wastage and keep sties dry. Replacement washer at code 2012871.

PRODUCT CODE	SIZE	MOQ
2012863	20 mm	1



Brass ball valve connection for replacement on ball valve.

PRODUCT CODE	SIZE	MOQ
935121	25 mm	1



Used with pig drink tap. Fits on tap at code 2012863.

PRODUCT CODE	SIZE	MOQ
2012871	11.3 mm x 2.4 mm	1



Rubber seal for replacement on brass quick-couplings.

PRODUCT CODE	MOQ
GE200C	10



BALL VALVE PVC THREADED

Compact PVC ball valve, BSP threaded. Maximum pressure 16 bar.

PRODUCT CODE	SIZE	MOQ
310015	15 mm	1
310020	20 mm	1
310025	25 mm	1
310032	32 mm	1
310040	40 mm	1
310050	50 mm	1
310065	65 mm	1
310080	80 mm	1
310100	100 mm	1



BALL VALVE PVC SOLVENT

Compact PVC ball valve, solvent plain ended. Maximum pressure 16 bar.

PRODUCT CODE	PIPE SIZE	MOQ
311015	20 mm	1
311020	25 mm	1
311025	32 mm	1
311032	40 mm	1
311040	50 mm	1
311050	63 mm	1
311063	75 mm	1
311075	90 mm	1
311100	110 mm	1



BALL VALVE NYLON

Nylon ball valve, fibre glass reinforced with steel handle, chrome ball and PTFE seats, 16 bar.

PRODUCT CODE	SIZE	MOQ
324015	15 mm	1
324020	20 mm	1
324025	25 mm	1
324032	32 mm	1
324040	40 mm	1
324050	50 mm	1



BALL VALVE PVC SOLVENT

When gluing the end connector on the pipe, care must be taken to prevent the glue or solvent from coming in contact with the valve seats or ball. Special attention should be paid to the correct line-up of the installation and to the pipe length. Tighten the union nut hand tight only and not with any type of wrench. It is important that the unions are not used to pull the system together.

PRODUCT CODE	SIZE	MOQ
408020	20 mm	1
408025	25 mm	1
408032	32 mm	1
408040	40 mm	1
408050	50 mm	1



BALL VALVE BSP PVC

Threaded ends should not be connected with cone-shaped male threads and the use of hemp or similar materials should be avoided. Special attention should be paid to the correct line-up of the installation and to the pipe length. Tighten the union nut hand tight only and not with any type of wrench. It is important that the unions are not used to pull the system together.

PRODUCT CODE	SIZE	MOQ
409020	¾	1
409025	1	1
409032	1 ¼	1
409040	1 ½	1
409050	2	1



STOCKMAN FLOAT VALVE

Basic valve plus 53 mm x ½" male threaded nipple, back nut and washer. Acid corrosion and lime resistant. Pressure ratings: HP maximum 2000 kPa, delivery at 1000 kPa = 800 l/h. LP maximum 1000 kPa, delivery at 600 kPa = 1200 l/h. XLP maximum 300 kPa.

PRODUCT CODE	SIZE	MOQ
405505	HD White	1
405507	LD Red	1
405509	XLD Black	1

03 IRRIGATION VALVES

APEX



FLOAT VALVE + OUT BALL X-CESS 20/25

The x-cess valve was designed to have the highest flow rate of any 1" trough valve on the market - a versatile, full flow, camlock compatible valve for the fast filling of large troughs with high demand.

Pressure range: 0 - 1200 kPa (0 - 175 PSI) Maximum

PRODUCT CODE	SIZE	MOQ
600074	25mm	1

APEX



FLOAT VALVE WITHOUT BALL RES

Manufactured from quality acetyl plastic. No metal corrosion. Working pressure 0 - 5 bar.

PRODUCT CODE	SIZE	MOQ
600032	32 mm	1
600040	40 mm	1
600050	50 mm	1

APEX



FLOAT VALVE WITHOUT BALL ATP

Apex acetyl full-flow float valves. Working pressure 0 - 1200 kPa. Body is UV-stabilized acetyl with no metal corrosion. O-ring wear virtually eliminated. Float available at code 600150.

PRODUCT CODE	SIZE	MOQ
600015	15 mm	1
600020	20 mm	1
600025	25 mm	1
600073	20 / 25 mm	1

APEX



FLOAT VALVE BIG BOY

This extremely high volume diaphragm activated valve gives you greater control of the water levels in your water tank or reservoir. With two weights, the Big Boy allows variable adjustment between minimum and maximum water levels saving your electricity by reducing the number of times your pump runs. 15 - 1200 kPa.

PRODUCT CODE	SIZE	MOQ
600071	40 mm	1
600072	50 mm	1

APEX



PUMP BUDDY FLOAT VALVE

Tank inlet control device with variable minimum and maximum water level settings. High volume water inlet control, must be installed horizontally. Working pressure 55 - 1000 kPa (8 - 150 PSI). Reduces pump run time and stop/start operations, save electricity and increases pump life.

PRODUCT CODE	SIZE	MOQ
600076	20 mm	1
600077	25 mm	1

APEX



FLOAT VALVE X-TRA FLOW

The X-tra flow is able to be installed as a bottom mount or side mount, reducing the likelihood of stock damaging the valve. A compact, armless diaphragm valve with full flow, high volume fill - ideal for filling large troughs with high demand. Working pressure 30 - 1200 kPa (4-175 PSI).

PRODUCT CODE	SIZE	MOQ
600078	25 mm	1

APEX



NIPPLE FLOAT VALVE CORD & SET CONNECTOR

Connector between the Apex float valve arm and ball. Suitable for deep trough and farm dams. Use with complete floats at code 600032.

PRODUCT CODE	MOQ
600090	1

APEX



RESERVOIR VALVE LEVER KIT WITH ARM

Repair kit for Apex reservoir valve. Kit consists of: Reservoir lever arm bolt, 2 adaptor bushes, cotter pin, instruction sheet and red tag.

PRODUCT CODE	MOQ
600063	1

APEX



FLOAT VALVE BALL BLACK PLASTIC

Black, round plastic ball, 150 mm (6"). Used with Apex float valves. UV-stabilised with 8 mm thread. Complete valve at code 600015.

PRODUCT CODE	SIZE	MOQ
600150	150 mm	1

APEX**RESERVOIR VALVE REPAIR KIT**

Repair kit for Apex reservoir valve. Kit consists of: Long 9.2 mm adjusting arm, reservoir lever arm bolt, 2 adaptor bushes, cotter pin, instruction sheet and red tag.

PRODUCT CODE	MOQ
600062	1

APEX**REPAIR KIT FOR FLOAT VALVES**

Apex repair kit for apex float valves.

PRODUCT CODE	SIZE	MOQ
600060	RKAP + P16AP	1

**FLOAT VALVE BALL BSP**

Floats made of polyurethane with stainless steel connection. Advantages: corrosion resistant, resistant to lime encrustation, cannot be damaged or pricked, connection cannot be removed, better buoyancy and proven design.

PRODUCT CODE	SIZE	MOQ
332-C3547	8 - 10 mm 110 mm	1
332-C3548	8 - 10 mm 150 mm	1
332-C3550	12 mm	1

**FLOAT VALVE BALL CHEVRON TYPE**

Floats made of polyurethane with stainless steel connection. Advantages: corrosion resistant, resistant to lime encrustation, cannot be damaged or pricked, connection cannot be removed, better buoyancy and proven design.

PRODUCT CODE	SIZE	MOQ
332-C3629	12 mm 260 mm	1

**FLOAT VALVE BALL CHEVRON CLIP-ON-TYPE**

Floats made of polyurethane with stainless steel connection. Advantages: corrosion resistant, resistant to lime encrustation, cannot be damaged or pricked, connection cannot be removed, better buoyancy and proven design.

PRODUCT CODE	SIZE	MOQ
332-C3498	25 - 32 mm	1
332-C3197	40 - 50 mm	1

**FLOAT VALVE COMPLETE CHEVRON PVC**

Recommended for low pressure high volume life stock troughs. Approximate flow 2000 l/hour, hold back pressure 15 mm - 25 mm 3 bar, 32 mm - 50 mm 1 bar.

PRODUCT CODE	SIZE	MOQ
9440015R	Rubber only 15 mm	1
9440020	20 mm LP	1
9440025	25 mm LP	1
9440032	32 mm LP	1
9440040	40 mm LP	1
9440050	50 mm LP	1
9440050R	20 mm - 50 mm	1
9450020	Float Only	1
9450032	Float Only	1
9450040	Float Only	1
9450050	Float Only	1

**EDUAN FLOAT VALVE BUDDY DUAL LEVEL**

The Eduan Buddy is a float valve with two separate levels one for closing and one for opening. The lower opening level is adjustable from 0 m - 3 m. Operating pressure: 0 - 10 bar. Flow rate: 21 l/min @ 0.5 bar, 48 l/min @ 2 bar.

PRODUCT CODE	SIZE	MOQ
408-FLOAT	25 mm	1

**EDUAN FLOAT VALVE + BALL**

Used at trough for cattle and sheep. Working pressure 25 mm valve 50 kPa = 21 l/min and 200 kPa=48 l/min. Maximum pressure 500 kPa. Working pressure 40 mm valve 30 kPa = 76 l/min. Maximum pressure 400 kPa.

PRODUCT CODE	SIZE	MOQ
407-VLOTTER	25 mm	1



FLOAT VALVE BALL STAINLESS STEEL

Strong, quality 304 stainless steel ball with female thread. Screw on to float valve arm to act as float. Used in household as well as agricultural industry.

PRODUCT CODE	SIZE	MOQ
332-Y110	110 mm x 8 mm	1
332-Y150	150 mm x 10 mm	1
332-Y200	200 mm x 12 mm	1
332-Y250	250 mm x 12 mm	1



FLOAT VALVE HIGH PRESSURE

The ball valve is designed to deliver a full stream of water under high pressure. It can be fitted horizontally or vertically, 10 bar pressure.

PRODUCT CODE	SIZE	FLOW Ø	MOQ
162011	20 x 75 mm	22 mm	1
162012	20 x 150 mm	21 mm	1
162014	25 x 150 mm	27 mm	1



FLOAT VALVE LOW PRESSURE

The ball valve is designed to deliver a full stream of water under low pressure, 1 m to 2 m. It can be fitted horizontally or vertically. Flow diameter of 36 mm. 3 bar.

PRODUCT CODE	SIZE	MOQ
162010	32 x 150 mm	1



FLOAT VALVE BALL BRASS

Strong, quality copper ball with female thread. Screw on to float valve arm to act as float. Used in household as well as agricultural industry. Connection at code 935121.

PRODUCT CODE	SIZE	MOQ
332-B112	115 mm x 8 mm	1
332-B125	125 mm x 8 mm	1
332-B150	150 mm x 10 mm	1
332-B200	200 mm x 10 mm	1
332-B250	250 mm x 12 mm	1
332-B300	300 mm x 12 mm	1



VALVE NON-RETURN WAFER DOUBLE DOOR

Cast iron body epoxy coated, complete with flanged gasket. 16 bar pressure.

PRODUCT CODE	SIZE	MOQ
443100	100 mm	1
443125	125 mm	1
443150	150 mm	1
443200	200 mm	1
443250	250 mm	1
443300	300 mm	1



VALVE NON-RETURN WAFER DOUBLE DOOR SS

Cast iron body epoxy coated, complete with flanged gasket. 16 bar pressure. Stainless steel disc.

PRODUCT CODE	SIZE	MOQ
443100S	100 mm	1
443125S	125 mm	1
443250S	250 mm	1

VALVE BUTTERFLY LEVER 16B CAST IRON



Valve opens and closes with handle. Mounted between two flanges. Butterfly valves are SANS1849: 2008 certified and approved. **Mech valves have 10 year warranty with WRAS and CE certification.



PRODUCT CODE	SIZE	MOQ
327065	65 mm	1
327080	80 mm	1
327100	100 mm	1
327150	150 mm	1
327200	200 mm	1

VALVE BUTTERFLY GEAR 16B CAST IRON



Valve opens and closes with handle. Mounted between two flanges. Butterfly valves are SANS1849: 2008 certified and approved. **Mech valves have 10 year warranty with WRAS and CE certification.



PRODUCT CODE	SIZE	MOQ
328100	100 mm	1
328150	150 mm	1
328200	200 mm	1
328250	250 mm	1
328300	300 mm	1

VALVE BUTTERFLY LEVER SS 16B CAST IRON



Valve opens and closes with handle. Mounted between two flanges. Stainless steel disc. Butterfly valves are SANS1849: 2008 certified and approved. **Mech valves have 10 year warranty with WRAS and CE certification.



PRODUCT CODE	SIZE	MOQ
327065S	65 mm	1
327080S	80 mm	1
327100S	100mm	1
327150S	150 mm	1
327200S	200 mm	1
327250S	250 mm	1

VALVE BUTTERFLY GEAR SS 16B CAST IRON



Valve opens and closes with handle. Mounted between two flanges. Stainless steel disc. Butterfly valves are SANS1849: 2008 certified and approved. **Mech valves have 10 year warranty with WRAS and CE certification.



PRODUCT CODE	SIZE	MOQ
328100S	100mm	1
328150S	150mm	1
328200S	200mm	1
328250S	250mm	1
328300S	300mm	1



VALVE CHECK SLIM

Valve mounted between two flanges and prevents water flowing back.

PRODUCT CODE	SIZE	MOQ
326050	50 mm	1
326080	80 mm	1
326100	100 mm	1
326150	150 mm	1
326200	200 mm	1



QUICK COUPLING VALVE

The quick-coupling valve allows a convenient source of water without an unsightly hose bib. Recommended use: near a driveway or adjacent to a garden. Key at code 503030. Lip seal at code 503040

PRODUCT CODE	SIZE	MOQ
503020	20 mm	1
503025	25 mm	1



PULA QUICK COUPLING VALVE

The quick-coupling valve allows a convenient source of water without an unsightly hose bib. Lets water through only on inserting a valve key. Recommended use in gardens and parks. Key at code 666-V-KEY. Lid at code 666-V-DEKSEL. Lip seal at code 666-V-LIP seal. O-ring at code 666-V-RING.

PRODUCT CODE	SIZE	MOQ
666T-VALVE	25 mm	1

03 IRRIGATION VALVES



QUICK COUPLING VALVE KEY

Unlocks the quick-coupling valve for access to the water. Sprinkler with 20 mm female thread may be used direct on to the key. Complete valve at code 503020.

PRODUCT CODE	SIZE	MOQ
503030	20 mm	1



PULA QUICK COUPLING VALVE KEY

Unlocks the quick-coupling valve for access to the water. Sprinkler can be mounted directly on key for convenient use. Complete valve at code 666T-VALVE.

PRODUCT CODE	MOQ
666-V-KEY	1



QUICK COUPLING VALVE SEAL

Replacement seal for quick-coupling valve. Complete valve at code 503020.

PRODUCT CODE	MOQ
503040	10



PULA QUICK COUPLING VALVE LIPSEAL

Replacement seal for quick-coupling valve. Complete valve at code 666T-VALVE.

PRODUCT CODE	MOQ
666-V-LIPSEAL	1



PULA QUICK COUPLING VALVE O-RING

Replacement o-ring for quick-coupling valve. Complete valve at code 666T-VALVE.

PRODUCT CODE	MOQ
666-V-RING	1



QUICK COUPLING VALVE LID

Covers the quick-coupling valve for protection. Complete valve at code 503020.

PRODUCT CODE	MOQ
503035	10



PULA QUICK COUPLING VALVE LID

Covers the quick-coupling valve for protection. Complete valve at code 666T-VALVE.

PRODUCT CODE	MOQ
666-V-DEKSEL	1



VALVE AIR AUTOMATIC

Automatic 25 mm valve designed to extract air from pipes, large filters, tanks or any similar equipment functioning without the presence of air. Maximum pressure 12 bar.

PRODUCT CODE	SIZE	MOQ
ARV1-CA	25 mm	1



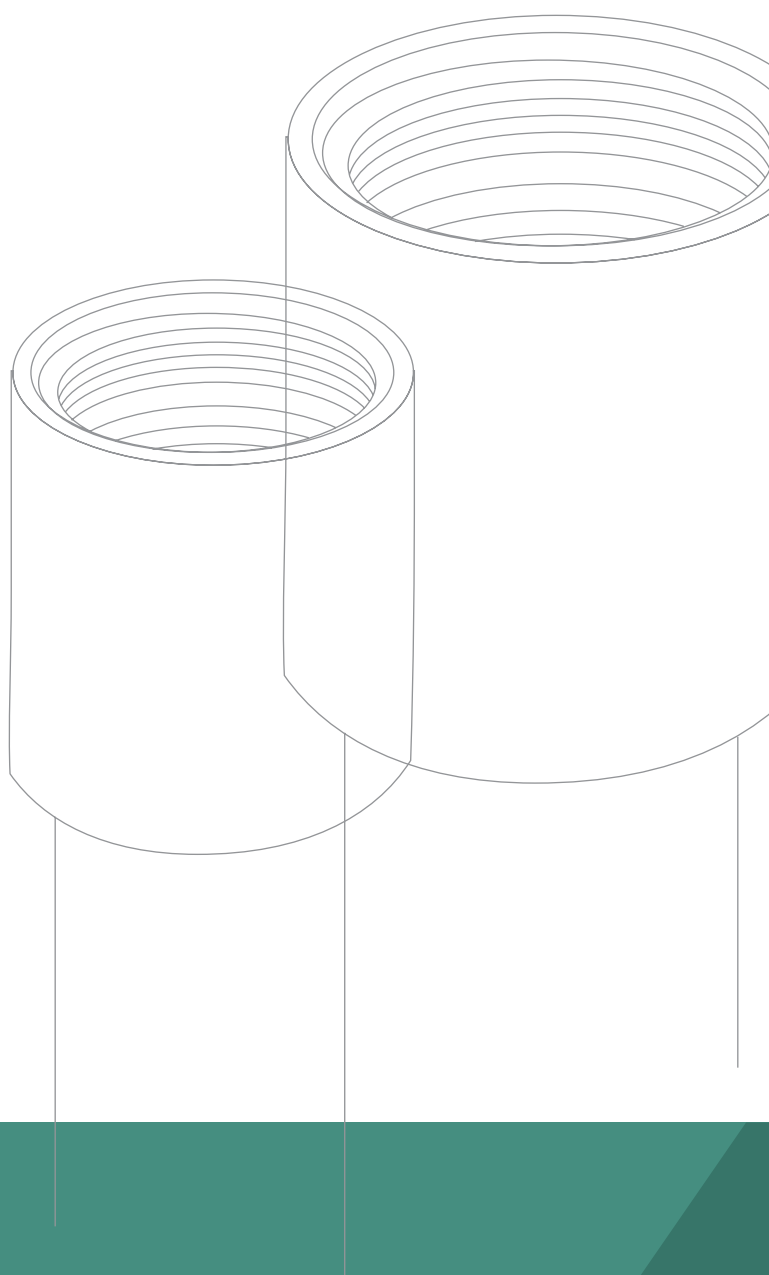
VALVE AIR TWIN PURPOSE

Automatic 50 mm valve designed to extract and release unwanted air from pipes, large filters, tanks or any similar equipment. Maximum pressure 16 bar.

PRODUCT CODE	SIZE	MOQ
ARV2-CA	50 mm	1

04

IRRIGATION PIPES



PIPES



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04 IRRIGATION PIPES



BLUE BORE DRAGLINE PIPE

High quality dragline is UV-stabilised and flexible with a double strength layer to enable dragging. Available in coils of 30 m, 36 m, 45 m, 50 m and 100 m. Manufactured in South Africa.

PRODUCT CODE	SIZE	MOQ
800-125-100	12.5 mm x 100 m	100 m
800-020-030	20 mm x 30 m	1 Roll
800-020-036	20 mm x 36 m	1 Roll
800-020-050	20 mm x 50 m	50 m
800-020-054	20 mm x 54 m	54 m
800-020-100	20 mm x 100 m	100 m
800-020-200	20 mm x 200 m	200 m
800-025-030	25 mm x 30 m	1 Roll
800-025-050	25 mm x 50 m	50 m
800-025-100	25 mm x 100 m	100 m



DRAGLINE HOSE WITH GARDEN FITTINGS

Kit consist of 25 m x 12 mm bluebore dragline and garden fittings: 1 x tap adaptor with double thread connector, suits 1/2 inch (13 mm) or 3/4 inch (19 mm taps), 2 x hose connectors, 3 x nozzles and 4 x waterstop hose connectors.

PRODUCT CODE	SIZE	MOQ
800-012-KIT	12 mm x 25 m	1 Roll



LIN DRIP PIPE NON-COMPENSATING 500 M

The LIN DRIP is a non-pressure compensated flat dripper that is well proven in rough field conditions with a double inlet design that provides continues clean water entry and high clogging resistance.

PRODUCT CODE	SIZE	MOQ
LINL122003	12 mm 2 l/h 0.6 mm Wall	1 Roll
LINL12203500	12 mm 2 l/h 0.9 mm Wall	1 Roll
LINL162003	16 mm 2 l/h 0.6 mm Wall	1 Roll
LINL162006	16 mm 2 l/h 0.9 mm Wall	1 Roll



PIPE DRIP MICRO BLACK

Flexible micro pipe variety. Manufactured in South Africa.

PRODUCT CODE	SIZE	MOQ
A0100	3 mm x 5 mm x 300 m	300 m
A0101	GF8 4.5 mm x 7 mm x 100 m	100 m
A0115	1 mm x 500 m	500 m



HOSE LAYFLAT PM

A light duty and light weight PVC layflat hose suitable for de-watering, irrigation and similar water pumping applications. Working pressure of 300 kPa and a bursting pressure for 900 kPa.

BLUE 300 kPa

PRODUCT CODE	SIZE	MOQ
5880-040	40 mm x 100 m	100 m
5880-050	50 mm x 100 m	100 m
5880-065	65 mm x 100 m	100 m
5880-075	75 mm x 100 m	100 m
5880-100	100 mm x 100 m	100 m

RED 600 kPa

A light duty and light weight Red PVC layflat hose suitable for de-watering, irrigation and similar water pumping applications. Working pressure of 600 kPa and a bursting pressure for 1800 kPa.

PRODUCT CODE	SIZE	MOQ
5880-040-7B	40 mm x 100 m	100 m
5880-050-7B	50 mm x 100 m	100 m
5880-065-7B	65 mm x 100 m	100 m
5880-100-7B	100 mm x 100 m	100 m



T TAPE 16 MM 0.3SP 340LPH/100 M 2300 M (8 MIL) 0.2 MM

T-tape has a reinforced design. Manufactured with some of the most advanced extrusion technology in drip irrigation. T-tape provides outstanding tensile strength making it ideal for situations where retrieval may be a challenge. T-tape can perform at low pressure and therefore flow rates are calculated at 0.55 bar. Performance data code: 508-30-340

PRODUCT CODE	SIZE	MOQ
TAP50830340	16 mm x 340 l/h 100 m 0.2 mm Wall	1 Roll



DAN TUBE MICRO PVC GREEN

Green PVC tube 7/4 mm made of UV resistant flexible PVC material, suitable for any micro sprinkler installation in the agricultural or domestic environment.

PRODUCT CODE	SIZE	MOQ
FLEX44PVC100G	4 mm x 7 mm x 100 m	100 m



PIPE PLASTIC INSERT

Low-density polyethylene pipe Class 3 for insert and full flow fittings. NON SABS.

CLASS 3 LDPE

PRODUCT CODE	SIZE	MOQ
103015-005	15 mm x 0.5 m	5 m
103015-015	15 mm x 15 m	15 m
103015-025	15 mm x 25 m	25 m
103015-050	15 mm x 50 m	50 m
• 103015A	15 mm x 100 m	100 m
103020-005	20 mm x 0.5 m	5 m
103020-015	20 mm x 15 m	15 m
103020-025	20 mm x 25 m	25 m
103020-050	20 mm x 50 m	50 m
• 103020A	20 mm x 100 m	100 m
103025-005	25 mm x 0.5 m	5 m
103025-015	25 mm x 15 m	15 m
103025-025	25 mm x 25 m	25 m
103025-050	25 mm x 50 m	50 m
• 103025A	25 mm x 100 m	100 m
103032A	32 mm x 100 m	100 m
103040A	40 mm x 100 m	100 m
103050A	50 mm x 100 m	100 m

• BELLVILLE ONLY

CLASS 4 FULL FLOW

PRODUCT CODE	SIZE	MOQ
+ 104015	15 mm x 100 m	100 m
+ 104020	20 mm x 100 m	100 m
+ 104025A	25 mm x 100 m	100 m

+ SAMRAND ONLY

CLASS 6 LDPE

Low-density polyethylene pipe Class 6 for insert fittings. NON SABS.

PRODUCT CODE	SIZE	MOQ
106020A	20 mm x 100 m	100 m
106025A	25 mm x 100 m	100 m
106032A	32 mm x 100 m	100 m
106040A	40 mm x 100 m	100 m
106050A	50 mm x 100 m	100 m



SUCTION HOSE YELLOW 30 M ROLL

Suitable to use as suction or delivery hose. Manufactured in South Africa.

PRODUCT CODE	SIZE	MOQ
582755-025	25 mm	30 m
582755-032	32 mm	30 m
582755-040	40 mm	30 m
582755-050	50 mm	30 m
582755-063	63 mm	30 m
582755-075	75 mm	30 m
582755-100	100 mm	30 m



RUBBER SUCTION HOSE FBE

Multi purpose hard wall hose for both suction and delivery purposes. Incorporating high tensile wire helix to prevent kinking. Flanged table D. 10 bar.

PRODUCT CODE	SIZE	MOQ
7102-150-1-TD	150 mm x 1 m	1
7102-150-2-TD	150 mm x 2 m	1
7102-150-3-TD	150 mm x 3 m	1
7102-150-6-TD	150 mm x 6 m	1
7102-200-1-TD	200 mm x 1 m	1
7102-200-2-TD	200 mm x 2 m	1
7102-200-3-TD	200 mm x 3 m	1
7102-200-6-TD	200 mm x 6 m	1
7102-250-3-TD	250 mm x 3 m	1



SUCTION HOSE GREEN 30 M ROLL

Suitable to use as suction or delivery hose. Heavy duty. Manufactured in South Africa.

PRODUCT CODE	SIZE	MOQ
582866-032	32 mm	30 m
582866-040	40 mm	30 m
582866-050	50 mm	30 m
582866-063	63 mm	30 m
582866-080	80 mm	30 m
582866-100	100 mm	30 m
582866-150	150 mm	30 m



PIPE STAND PVC

Green Irrigation IPV water pipe. Imperial threaded both sides. Manufactured in South Africa.

PRODUCT CODE	SIZE	MOQ
500015-0150	15 x 150 mm	1
500015-0200	15 x 200 mm	1
500015-0300	15 x 300 mm	1
500015-0450	15 x 450 mm	1
500015-0500	15 x 500 mm	1
500015-0600	15 x 600 mm	1
500015-0750	15 x 750 mm	1
500015-1000	15 x 1000 mm	1
500020-0200	20 x 200 mm	1
500020-0300	20 x 300 mm	1
500020-0400	20 x 400 mm	1
500020-0500	20 x 500 mm	1
500020-0600	20 x 600 mm	1
500020-0750	20 x 750 mm	1
500020-1000	20 x 1000 mm	1



PIPE STAND GALVANISED

Medium-duty galvanized water pipe threaded both ends. Used with sprinklers, valves ect. EN 10241.

PRODUCT CODE	SIZE	MOQ
300015-0100	15 x 100 mm	1
300015-0150	15 x 150 mm	1
300015-0200	15 x 200 mm	1
300015-250	15 x 250 mm	1
300015-0300	15 x 300 mm	1
300015-350	15 x 350 mm	1
300015-0400	15 x 400 mm	1
300015-0450	15 x 450 mm	1
300015-0500	15 x 500 mm	1
300015-0600	15 x 600 mm	1
300015-750	15 x 750 mm	1
300015-0900	15 x 900 mm	1
300015-1000	15 x 1000 mm	1
300015-1200	15 x 1200 mm	1

PRODUCT CODE	SIZE	MOQ
300020-0150	20 x 150 mm	1
300020-0200	20 x 200 mm	1
300020-0300	20 x 300 mm	1
300020-0450	20 x 450 mm	1
300020-0500	20 x 500 mm	1
300020-0600	20 x 600 mm	1
300020-0700	20 x 700 mm	1
300020-0750	20 x 750 mm	1
300020-0900	20 x 900 mm	1
300020-1000	20 x 1000 mm	1
300020-1200	20 x 1200 mm	1
300020-1500	20 x 1500 mm	1

PRODUCT CODE	SIZE	MOQ
300025-0150	25 x 150 mm	1
300025-0300	25 x 300 mm	1
300025-0450	25 x 450 mm	1
300025-0600	25 x 600 mm	1
300025-1000	25 x 1000 mm	1
300025-1200	25 x 1200 mm	1

PRODUCT CODE	SIZE	MOQ
300032-0150	32 x 150 mm	1
300032-0300	32 x 300 mm	1
300032-0450	32 x 450 mm	1
300032-0500	32 x 500 mm	1
300032-0600	32 x 600 mm	1
300032-0900	32 x 900 mm	1
300032-1000	32 x 1000 mm	1

PRODUCT CODE	SIZE	MOQ
300040-0150	40 x 150 mm	1
300040-0300	40 x 300 mm	1
300040-0450	40 x 450 mm	1
300040-0600	40 x 600 mm	1
300040-0900	40 x 900 mm	1
300040-1000	40 x 1000 mm	1

PRODUCT CODE	SIZE	MOQ
300050-0150	50 x 150 mm	1
300050-0300	50 x 300 mm	1
300050-0450	50 x 450 mm	1
300050-0600	50 x 600 mm	1
300050-0900	50 x 900 mm	1
300050-1000	50 x 1000 mm	1
300050-2000	50 x 2000 mm	1

PRODUCT CODE	SIZE	MOQ
300065-0300	65 x 300 mm	1
300065-0600	65 x 600 mm	1
300065-1000	65 x 1000 mm	1

PRODUCT CODE	SIZE	MOQ
300080-0200	80 x 200 mm	1
300080-0300	80 x 300 mm	1
300080-0400	80 x 400 mm	1
300080-0500	80 x 500 mm	1
300080-0600	80 x 600 mm	1
300080-0900	80 x 900 mm	1
300080-1000	80 x 1000 mm	1
300080-2000	80 x 2000 mm	1

PRODUCT CODE	SIZE	MOQ
300100-0200	100 x 200 mm	1
300100-0300	100 x 300 mm	1
300100-0400	100 x 400 mm	1
300100-0500	100 x 500 mm	1
300100-0600	100 x 600 mm	1
300100-1000	100 x 1000 mm	1



PIPE GALVANISED MEDIUM SCREWED SOCKET

Medium-duty galvanized water pipe for boreholes. Threaded both ends with steel socket. SANS 62.

PRODUCT CODE	SIZE	MOQ
15003000-032	3 m x 32 mm	1
15003000-040	3 m x 40 mm	1
15003000-050	3 m x 50 mm	1
15003000-065	3 m x 65 mm	1
15003000-080	3 m x 80 mm	1
15003000-100	3 m x 100 mm	1



PIPE GALVANISED MEDIUM SCREWED

Medium-duty galvanized water pipe for boreholes. Threaded both ends with steel socket. SANS 62.

PRODUCT CODE	SIZE	MOQ
15506000-015	15 mm x 6 m	1
15506000-020	20 mm x 6 m	1
15506000-025	25 mm x 6 m	1
15506000-032	32 mm x 6 m	1
15506000-040	40 mm x 6 m	1
15506000-050	50 mm x 6 m	1
15506000-065	65 mm x 6 m	1
15506000-080	80 mm x 6 m	1
15506000-100	100 mm x 6 m	1





PIPE HDPE

High-density polyethylene pressure pipes (HDPE). Used in agricultural, industrial and mining industries. Supplied in 100 m coils. Plain edge. SABS 4427.

PRODUCT CODE	SIZE	MOQ
710600-12-20	20 mm Class 12	100 m
710600-16-20	20 mm Class 16	100 m
710600-10-25	25 mm Class 10	100 m
710600-12-25	25 mm Class 12	100 m
710600-16-25	25 mm Class 16	100 m
710600-10-32	32 mm Class 10	100 m
710600-12-32	32 mm Class 12	100 m
710600-16-32	32 mm Class 16	100 m
710600-10-40	40 mm Class 10	100 m
710600-16-40	40 mm Class 16	100 m
710600-10-50	50 mm Class 10	100 m
710600-12-50	50 mm Class 12	100 m
710600-16-50	50 mm Class 16	100 m
710600-20-50	50 mm Class 20	100 m
710600-12-63	63 mm Class 12	100 m
710600-16-63	63 mm Class 16	100 m
710600-10-75	75 mm Class 10	100 m
710600-12-75	75 mm Class 12	100 m



PIPE MPVC PER PIPE

Modified polyvinyl chloride pressure pipes (MPVC) are blue in colour. Supplied in standard 6 m lengths. Spigot with integral socket and rubber ring seal. SABS 966-2.

PRODUCT CODE	SIZE	MOQ
7091100-063-09	63 mm x 6 m Class 9	1
7091100-075-06	75 mm x 6 m Class 6	1
7091100-075-09	75 mm x 6 m Class 9	1
7091100-075-12	75 mm x 6 m Class 12	1
7091100-090-06	90 mm x 6 m Class 6	1
7091100-090-09	90 mm x 6 m Class 9	1
7091100-090-12	90 mm x 6 m Class 12	1
7091100-110-06	110 mm x 6 m Class 6	1
7091100-110-12	75 mm x 6 m Class 12	1
7091100-110-16	110 mm x 6 m Class 16	1
7091100-125-06	125 mm x 6 m Class 6	1
7091100-125-09	125 mm x 6 m Class 9	1
7091100-140-06	140 mm x 6 m Class 6	1
7091100-140-09	140 mm x 6 m Class 9	1
7091100-160-06	160 mm x 6 m Class 6	1
7091100-160-12	160 mm x 6 m Class 12	1
7091100-200-06	200 mm x 6 m Class 6	1
7091100-200-09	200 mm x 6 m Class 9	1
7091100-200-12	200 mm x 6 m Class 12	1
7091100-250-06	250 mm x 6 m Class 6	1
7091100-250-09	250 mm x 6 m Class 9	1
7091100-250-16	215 mm x 6 m Class 16	1
7091100-315-06	315 mm x 6 m Class 6	1



PIPE UPVC PER PIPE

Unplasticised polyvinyl chloride pressure pipes (uPVC) are blue in colour. Supplied in standard 6 m lengths. Spigot with integral socket and rubber ring seal. SABS 966-1.

PRODUCT CODE	SIZE	MOQ
7061100-050-06	50 mm x 6 m Class 6	1
7061100-050-09	50 mm x 6 m Class 9	1
7061100-050-12	50 mm x 6 m Class 12	1
7061100-063-06	63 mm x 6 m Class 6	1
7061100-063-09	63 mm x 6 m Class 9	1
7061100-063-12	63 mm x 6 m Class 12	1
7061100-075-06	75 mm x 6 m Class 6	1
7061100-075-12	75 mm x 6 m Class 12	1
7061100-075-16	75 mm x 6 m Class 16	1
7061100-090-06	90 mm x 6 m Class 6	1
7061100-090-09	90 mm x 6 m Class 9	1
7061100-090-12	90 mm x 6 m Class 12	1
7061100-090-16	90 mm x 6 m Class 16	1
7061100-110-06	110 mm x 6 m Class 6	1
7061100-110-09	110 mm x 6 m Class 9	1
7061100-110-12	110 mm x 6 m Class 12	1
7061100-110-16	110 mm x 6 m Class 16	1
7061100-125-06	125 mm x 6 m Class 6	1
7061100-125-12	125 mm x 6 m Class 12	1
7061100-140-06	140 mm x 6 m Class 6	1
7061100-140-09	140 mm x 6 m Class 9	1
7061100-160-09	160 mm x 6 m Class 6	1
7061100-160-16	160 mm x 6 m Class 16	1
7061100-200-06	200 mm x 6 m Class 6	1
7061100-200-09	200 mm x 6 m Class 9	1
7061100-200-16	200 mm x 6 m Class 16	1
7061100-250-04	250 mm x 6 m Class 4	1
7061100-250-09	250 mm x 6 m Class 9	1
7061100-250-12	250 mm x 6 m Class 12	1
7061100-315-04	315 mm x 6 m Class 4	1
7061100-315-06	315 mm x 6 m Class 6	1
7061100-315-12	315 mm x 6 m Class 12	1
7061100-355-12	355 mm x 6 m Class 12	1
7061100-400-12	400 mm x 6 m Class 12	1



CLEAR WALL PVC HOSE

Clear PVC hoses can be used for fluid and air applications, such as fish pond pumps, factories, cooling pipes and workshops. Manufactured in South Africa.

PRODUCT CODE	SIZE	MOQ
5836002-03	1.3 mm Thick Wall 3 mm	30 m
5836002-05	1.3 mm Thick Wall 5 mm	30 m
5836002-06	2.0 mm Thick Wall 6 mm	30 m
5836002-08	2.0 mm Thick Wall 8 mm	30 m
5836002-10	2.0 mm Thick Wall 10 mm	30 m
5836002-12	2.5 mm Thick Wall 12 mm	30 m
5836002-16	2.5 mm Thick Wall 16 mm	30 m
5836002-20	2.5 mm Thick Wall 20 mm	30 m
5836002-25	3.0 mm Thick Wall 25 mm	30 m

PRODUCT CODE	SIZE	MOQ
5836001-03	0.8 mm Thin Wall 3 mm	30 m
5836001-05	0.8 mm Thin Wall 5 mm	30 m
5836001-10	1.0 mm Thin Wall 10 mm	30 m
5836001-12	1.5 mm Thin Wall 12 mm	30 m
5836001-20	1.5 mm Thin Wall 20 mm	30 m



ASHIRVAD PIPE PVC MEDIUM DUTY ORANGE

Pipes attach to one another by means of a unique socket and wire lock design. Specially designed square threads that have high load capacity. Rubber seals are provided to ensure 100% leak proof at high pressure. Comes in 3 m and needs top and bottom adaptors to fit. Light weight design makes handling easier.

PRODUCT CODE	SIZE	MOQ
1403002-050	50 mm x 3 m 10 bar	3 m
1403002-065	65 mm x 3 m 10 bar	3 m
1403002-080	80 mm x 3 m 10 bar	3 m
1403002-100	100 mm x 3 m 10 bar	3 m



ASHIRVAD PIPE PVC STANDARD DUTY RED

Ashirvad Column pipes are made of uPVC and are non-corrosive, Hi-tech, Hi-tensile pipes, having a successful installation track record of over 20 years across the globe. The thick and thin technology to ensure uniform thickness across the length of the pipe and the square threads for extra strength, are some of the unique features of Ashirvad Column Pipes. The pipes come in various types like medium, heavy and super heavy and a quick look at the "Pipe Selection Chart" will clearly indicate the best type to be used for any particular application, depending upon the depth of the borehole and the type of pump head. Available in various sizes starting from 25 mm to 150 mm diameter.

PRODUCT CODE	SIZE	MOQ
1403000-032	32 mm 26 bar	3 m
1403000-040	40 mm 26 bar	3 m
1403000-050	50 mm 20 bar	3 m
1403000-065	65 mm 16 bar	3 m
1403000-080	80 mm 17 bar	3 m
1403000-100	100 mm 15 bar	3 m



ASHIRVAD MILD STEEL PIPE ADAPTOR TOP

Ashirvad mild steel top adaptors fit the column pipe to the surface conditions of the borehole. The top adaptors seamlessly integrate with the baseplates and any other standard adaptors on the surface of the borehole.

PRODUCT CODE	SIZE	MOQ
1403111-032	Mild Steel 32 mm	1
1403111-040	Mild Steel 40 mm	1
1403111-050	Mild Steel 50 mm	1
1403111-065	Mild Steel 65 mm	1
1403111-080	Mild Steel 80 mm	1
1403111-100	Mild Steel 100 mm	1



ASHIRVAD STAINLESS STEEL PIPE ADAPTOR BOTTOM

Ashirvad bottom adaptors to fit the pipes to the outlet of the pump. Stainless Steel bottom adaptors are used where the water extraction conditions are corrosive. The patented thread technology ensures a strong, durable joint between the column pipe and pump outlet that will outlast many of its competitors.

PRODUCT CODE	SIZE	MOQ
1403555-032	Stainless Steel 32 mm	1
1403555-040	Stainless Steel 40 mm	1
1403555-050	Stainless Steel 50 mm	1
1403555-065	Stainless Steel 65 mm	1
1403555-080	Stainless Steel 80 mm	1
1403555-100	Stainless Steel 100 mm	1

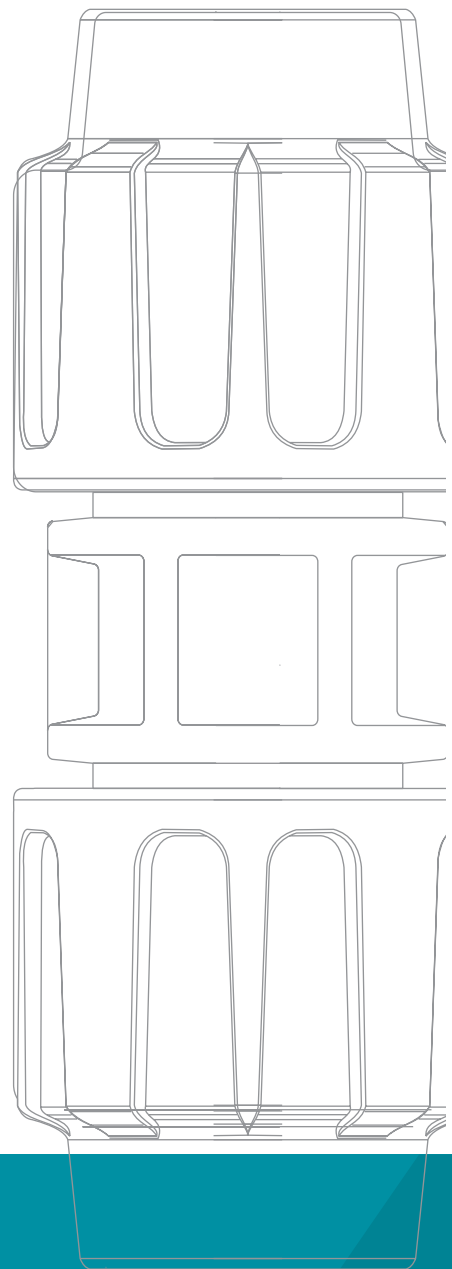


ASHIRVAD CAST IRON PIPE ADAPTOR BOTTOM

Ashirvad bottom adaptors are available in stainless steel or cast iron and used to connect the last pipe to the submersible pump. BSP male thread.

PRODUCT CODE	SIZE	MOQ
1403444-032	Cast Iron 32 mm	1
1403444-040	Cast Iron 40 mm	1
1403444-050	Cast Iron 50 mm	1
1403444-065	Cast Iron 65 mm	1
1403444-080	Cast Iron 80 mm	1
1403444-100	Cast Iron 100 mm	1

IRRIGATION FITTINGS



PLAST COMPRESSION FITTINGS SANS14236

PLAST compression fittings are suitable for use with the whole range of HD polyethylene pipe. Outer dimensions manufactured to ISO standards. The perfect seal - achieved by the rubber O-ring - ensures complete water-tightness whether the pipe is bent or straight. It works well in high-pressure as well as low-pressure applications. The resistance of the fittings to pull out exceeds the requirements of all the standards. PN 16 ISO 14236 / SANS 14236.

ELBOW COMPRESSION MALE
SANS 14236

PRODUCT CODE	SIZE	MOQ
405128	20 mm x 1/2"	1
405130	20 mm x 3/4"	1
405132	25 mm x 1/2"	1
405134	25 mm x 3/4"	1
405136	25 mm x 1"	1
405137	32 mm x 3/4"	1
405138	32 mm x 1"	1
405139	32 mm x 1-1/4"	1
405143	40 mm x 1"	1
405144	40 mm x 1-1/4"	1
405145	40 mm x 1-1/2"	1
405146	50 mm x 1-1/4"	1
405152	50 mm x 1-1/2"	1
405154	50 mm x 2"	1
405147	63 mm x 1-1/2"	1
405148	63 mm x 2-1/2"	1
405158	63 mm x 2"	1

ELBOW COMPRESSION FEMALE
SANS 14236

PRODUCT CODE	SIZE	MOQ
405173	16 mm x 1/2"	1
405174	20 mm x 1/2"	1
405176	20 mm x 3/4"	1
405180	25 mm x 1"	1
405177	25 mm x 1/2"	1
405178	25 mm x 3/4"	1
405182	32 mm x 3/4"	1
405184	32 mm x 1"	1
405191	32 mm x 1-1/4"	1
405186	40 mm x 1-1/4"	1
405187	40 mm x 1-1/2"	1
405185	40 mm x 1"	1
405189	50 mm x 1-1/4"	1
405188	50 mm x 1-1/2"	1
405193	50 mm x 2"	1
405195	63 mm x 1-1/2"	1
405190	63 mm x 2"	1



ELBOW COMPRESSION SANS 14236

PRODUCT CODE	SIZE	MOQ
405019	16 mm	1
405020	20 mm	1
405022	25 mm	1
405024	32 mm	1
405026	40 mm	1
405028	50 mm	1
405030	63 mm	1
405032	75 mm	1
405034	90 mm	1
405036	110 mm	1

ADAPTOR COMPRESSION FEMALE
SANS 14236

PRODUCT CODE	SIZE	MOQ
405097	16 mm x 1/2"	1
405098	20 mm x 1/2"	1
405100	20 mm x 3/4"	1
405102	25 mm x 3/4"	1
405102B	25 mm x 1/2"	1
405104	25 mm x 1"	1
405106	32 mm x 3/4"	1
405108	32 mm x 1"	1
405109	32 mm x 1-1/4"	1
405110	40 mm x 1"	1
405112	40 mm x 1-1/4"	1
405114	40 mm x 1-1/2"	1
405116	50 mm x 1-1/2"	1
405116B	50 mm x 2"	1
405118	63 mm x 2"	1
405119	75 mm x 2"	1
405122	75 mm x 2-1/2"	1
405123	90 mm x 3"	1
405125	90 mm x 2-1/2"	1

TEE COMPRESSION REDUCING
SANS 14236

PRODUCT CODE	SIZE	MOQ
405314	25 x 20 mm	1
405316	32 x 25 mm	1
405318	40 x 32 mm	1
405320	50 x 32 mm	1
405322	50 x 40 mm	1
405324	63 x 50 mm	1



TEE COMPRESSION SANS 14236

PRODUCT CODE	SIZE	MOQ
405037	16 mm	1
405038	20 mm	1
405040	25 mm	1
405042	32 mm	1
405044	40 mm	1
405046	50 mm	1
405048	63 mm	1
405050	75 mm	1
405052	90 mm	1
405054	110 mm	1

PLAST COMPRESSION FITTINGS SANS14236

PLAST compression fittings are suitable for use with the whole range of HD polyethylene pipe. Outer dimensions manufactured to ISO standards. The perfect seal - achieved by the rubber O-ring - ensures complete water-tightness whether the pipe is bent or straight. It works well in high-pressure as well as low-pressure applications. The resistance of the fittings to pull out exceeds the requirements of all the standards, PN 16 ISO 14236 / SANS 14236.



**ADAPTOR COMPRESSION MALE
SANS 14236**

PRODUCT CODE	SIZE	MOQ
405055	16 mm x 1/2"	1
405056	20 mm x 1/2"	1
405058	20 mm x 3/4"	1
405059	25 mm x 1/2"	1
405060	25 mm x 3/4"	1
405062	25 mm x 1"	1
405064	32 mm x 3/4"	1
405066	32 mm x 1"	1
405068	32 mm x 1-1/4"	1
405070	40 mm x 1"	1
405072	40 mm x 1-1/4"	1
405074	40 mm x 1-1/2"	1
405075	50 mm x 1-1/4"	1
405076	50 mm x 1-1/2"	1
405078	50 mm x 2"	1
405079	63 mm x 1-1/2"	1
405080	63 mm x 2"	1
405082	63 mm x 2-1/2"	1
405084	75 mm x 2"	1
405086	75 mm x 2-1/2"	1
405088	75 mm x 3"	1
405090	90 mm x 3"	1
405096	110 mm x 4"	1



**END CAP COMPRESSION
SANS 14236**

PRODUCT CODE	SIZE	MOQ
405231	16 mm	1
405232	20 mm	1
405234	25 mm	1
405236	32 mm	1
405238	40 mm	1
405240	50 mm	1
405242	63 mm	1
405244	75 mm	1
405246	90 mm	1



**TEE COMPRESSION FEMALE
SANS 14236**

PRODUCT CODE	SIZE	MOQ
405277	16 mm x 1/2"	1
405278	20 mm x 1/2"	1
405280	20 mm x 3/4"	1
405279	25 mm x 1/2"	1
405281	25 mm x 1/2"	1
405282	25 mm x 3/4"	1
405284	25 mm x 1"	1
405286	32 mm x 3/4"	1
405288	32 mm x 1"	1
405291	32 mm x 1-1/4"	1
405289	40 mm x 1"	1
405290	40 mm x 1-1/4"	1
405292	40 mm x 1-1/2"	1
405285	50 mm x 1-1/4"	1
405294	50 mm x 1-1/2"	1
405287	50 mm x 2"	1
405296	63 mm x 2"	1
405302	75 mm x 2-1/2"	1



**COUPLING COMPRESSION
SANS 14236**

PRODUCT CODE	SIZE	MOQ
405000	16 mm	1
405002	20 mm	1
405004	25 mm	1
405006	32 mm	1
405008	40 mm	1
405010	50 mm	1
405012	63 mm	1
405014	75 mm	1
405016	90 mm	1
405018	110 mm	1



**TEE COMPRESSION MALE
SANS 14236**

PRODUCT CODE	SIZE	MOQ
405250	20 mm x 1/2"	1
405252	20 mm x 3/4"	1
405254	25 mm x 3/4"	1
405256	25 mm x 1"	1
405258	32 mm x 3/4"	1
405260	32 mm x 1"	1
405261	32 mm x 1-1/4"	1
405263	40 mm x 1"	1
405262	40 mm x 1-1/4"	1
405251	40 mm x 1-1/2"	1
405253	50 mm x 1-1/4"	1
405266	50 mm x 1-1/2"	1
405255	50 mm x 2"	1
405268	63 mm x 2"	1



**COUPLING COMPRESSION
REDUCING SANS 14236**

PRODUCT CODE	SIZE	MOQ
405203	20 x 16 mm	1
405204	25 x 20 mm	1
405206	32 x 20 mm	1
405208	32 x 25 mm	1
405209	40 x 25 mm	1
405210	40 x 32 mm	1
405207	50 x 25 mm	1
405211	50 x 32 mm	1
405212	50 x 40 mm	1
405218	63 x 50 mm	1
405213	75 x 50 mm	1
405222	75 x 63 mm	1

PLAST AGRI RANGE COMPRESSION FITTINGS

PLAST AGRI-RANGE compression fittings are suitable for use with the whole range of HD polyethylene pipe. Outer dimensions manufactured to ISO standards. The perfect seal - achieved by the rubber O-ring - ensures complete water-tightness whether the pipe is bent or straight. It works well in high-pressure as well as low-pressure applications. The resistance of the fittings to pull out exceeds the requirements of all standards. PN 16 ISO 14236. Raw material PP-B.



AGRI ELBOW COMPRESSION MALE TN

PRODUCT CODE	SIZE	MOQ
405128TN	20 mm x 1/2"	1
405130TN	20 mm x 3/4"	1
405132TN	25 mm x 1/2"	1
405134TN	25 mm x 3/4"	1
405136TN	25 mm x 1"	1
405137TN	32 mm x 3/4"	1
405138TN	32 mm x 1"	1
405139TN	32 mm x 1-1/4"	1
405143TN	40 mm x 1"	1
405144TN	40 mm x 1-1/4"	1
405152TN	50 mm x 1-1/2"	1
405158TN	63 mm x 2"	1



AGRI ELBOW COMPRESSION FEMALE TN

PRODUCT CODE	SIZE	MOQ
405173TN	16 mm x 1/2"	1
405174TN	20 mm x 1/2"	1
405176TN	20 mm x 3/4"	1
405177TN	25 mm x 1/2"	1
405178TN	25 mm x 3/4"	1
405180TN	25 mm x 1"	1
405182TN	32 mm x 3/4"	1
405184TN	32 mm x 1"	1
405191TN	32 mm x 1-1/4"	1
405185TN	40 mm x 1"	1
405186TN	40 mm x 1-1/4"	1
405188TN	50 mm x 1-1/2"	1
405190TN	63 mm x 2"	1



AGRI ELBOW COMPRESSION TN

PRODUCT CODE	SIZE	MOQ
405019TN	16 mm	1
405020TN	20 mm	1
405022TN	25 mm	1
405024TN	32 mm	1
405026TN	40 mm	1
405028TN	50 mm	1
405030TN	63 mm	1
405032TN	75 mm	1
405034TN	90 mm	1
405036TN	110 mm	1



AGRI TEE COMPRESSION REDUCING TN

PRODUCT CODE	SIZE	MOQ
405314TN	25 x 20 mm	1
405316TN	32 x 25 mm	1
405318TN	40 x 32 mm	1
405320TN	50 x 32 mm	1
405322TN	50 x 40 mm	1
405324TN	63 x 50 mm	1



AGRI TEE COMPRESSION MALE TN

PRODUCT CODE	SIZE	MOQ
405250TN	20 mm x 1/2"	1
405254TN	25 mm x 3/4"	1
405260TN	32 mm x 1"	1
405261TN	32 mm x 1-1/4"	1
405263TN	40 mm x 1"	1
405262TN	40 mm x 1-1/4"	1
405266TN	50 mm x 1-1/2"	1
405268TN	63 mm x 2"	1



AGRI TEE COMPRESSION FEMALE TN

PRODUCT CODE	SIZE	MOQ
405277TN	16 mm x 1/2"	1
405278TN	20 mm x 1/2"	1
405280TN	20 mm x 3/4"	1
405281TN	25 mm x 1/2"	1
405282TN	25 mm x 3/4"	1
405284TN	25 mm x 1"	1
405286TN	32 mm x 3/4"	1
405288TN	32 mm x 1"	1
405291TN	32 mm x 1-1/4"	1
405289TN	40 mm x 1"	1
405290TN	40 mm x 1-1/4"	1
405294TN	50 mm x 1-1/2"	1
405295TN	50 mm x 2"	1
405296TN	63 mm x 2"	1
405302TN	75 mm x 2-1/2"	1

PLAST AGRI RANGE COMPRESSION FITTINGS

PLAST AGRI-RANGE compression fittings are suitable for use with the whole range of HD polyethylene pipe. Outer dimensions manufactured to ISO standards. The perfect seal - achieved by the rubber O-ring - ensures complete water-tightness whether the pipe is bent or straight. It works well in high-pressure as well as low-pressure applications. The resistance of the fittings to pull out exceeds the requirements of all standards. PN 16 ISO 14236. Raw material PP-B.



AGRI TEE COMPRESSION TN

PRODUCT CODE	SIZE	MOQ
405037TN	16 mm	1
405038TN	20 mm	1
405040TN	25 mm	1
405042TN	32 mm	1
405044TN	40 mm	1
405046TN	50 mm	1
405048TN	63 mm	1
405050TN	75 mm	1
405052TN	90 mm	1
405054TN	110 mm	1



AGRI COUPLING COMPRESSION REDUCING TN

PRODUCT CODE	SIZE	MOQ
405203TN	20 x 16 mm	1
405204TN	25 x 20 mm	1
405206TN	32 x 20 mm	1
405208TN	32 x 25 mm	1
405209TN	40 x 25 mm	1
405210TN	40 x 32 mm	1
405211TN	50 x 32 mm	1
405212TN	50 x 40 mm	1
405218TN	63 x 50 mm	1
405222TN	75 x 63 mm	1



AGRI ADAPTOR COMPRESSION MALE TN

PRODUCT CODE	SIZE	MOQ
405055TN	16 mm x 1/2"	1
405056TN	20 mm x 1/2"	1
405058TN	20 mm x 3/4"	1
405059TN	25 mm x 1/2"	1
405060TN	25 mm x 3/4"	1
405062TN	25 mm x 1"	1
405064TN	32 mm x 3/4"	1
405066TN	32 mm x 1"	1
405068TN	32 mm x 1-1/4"	1
405070TN	40 mm x 1"	1
405072TN	40 mm x 1-1/4"	1
405074TN	40 mm x 1-1/2"	1
405075TN	50 mm x 1-1/4"	1
405076TN	50 mm x 1-1/2"	1
405078TN	50 mm x 2"	1
405079TN	63 mm x 1-1/2"	1
405080TN	63 mm x 2"	1
405082TN	63mm x 2-1/2"	1
405084TN	75 mm x 2"	1
405086TN	75 mm x 2-1/2"	1
405088TN	75 mm x 3"	1
405096TN	110 mm x 4"	1



AGRI COUPLING COMPRESSION TN

PRODUCT CODE	SIZE	MOQ
405000TN	16 mm	1
405002TN	20 mm	1
405004TN	25 mm	1
405006TN	32 mm	1
405008TN	40 mm	1
405010TN	50 mm	1
405012TN	63 mm	1
405014TN	75 mm	1
405016TN	90 mm	1
405018TN	110 mm	1



AGRI ADAPTOR COMPRESSION FEMALE TN

PRODUCT CODE	SIZE	MOQ
405097TN	16 mm x 1/2"	1
405098TN	20 mm x 1/2"	1
405100TN	20 mm x 3/4"	1
405102TN	25 mm x 3/4"	1
405104TN	25 mm x 1"	1
405106TN	32 mm x 3/4"	1
405108TN	32 mm x 1"	1
405110TN	40 mm x 1"	1
405112TN	40 mm x 1-1/4"	1
405116TN	50 mm x 1-1/2"	1
405118TN	63 mm x 2"	1
405119TN	75 mm x 2"	1
405122TN	75 mm x 2-1/2"	1
405123TN	90 mm x 3"	1



AGRI END CAP COMPRESSION TN

PRODUCT CODE	SIZE	MOQ
405232TN	20 mm	1
405234TN	25 mm	1
405236TN	32 mm	1
405238TN	40 mm	1
405240TN	50 mm	1
405242TN	63 mm	1
405244TN	75 mm	1
405246TN	90 mm	1



PLASSON SUBMERSIBLE ADAPTOR

Adaptor for attaching high-density polyethylene pipe to submersible and base plates.

PRODUCT CODE	SIZE	MOQ
303118	32 mm x 1 1/4"	1
303117	40 mm x 1 1/4"	1
303113	50 mm x 1 1/2"	1
303114	50 mm x 2"	1



SADDLE COMPRESSION AND PVC

Plast compression fittings are suitable for use with the whole range of HD polyethylene pipe. Outer dimensions manufactured to ISO standards. The perfect seal - achieved by the rubber O-ring - ensures complete water-tightness whether the pipe is bent or straight. It works well in high-pressure as well as low-pressure applications. The resistance of these fittings to pullout exceeds the requirements of all the standards.

PRODUCT CODE	SIZE	MOQ
405332	25 mm x 1/2"	1
405334	25 mm x 3/4"	1
405336	32 mm x 1/2"	1
405338	32 mm x 3/4"	1
405340	32 mm x 1"	1
405342	40 mm x 1/2"	1
405344	40 mm x 3/4"	1
405346	40 mm x 1"	1
405348	50 mm x 1/2"	1
405350	50 mm x 3/4"	1
405352	50 mm x 1"	1
405354	50 mm x 1-1/4"	1
405356	63 mm x 1/2"	1
405358	63 mm x 3/4"	1
405360	63 mm x 1"	1
405362	50 mm x 1-1/4"	1
405364	63 mm x 1-1/2"	1
405366	75 mm x 1/2"	1
405368	75 mm x 3/4"	1
405370	75 mm x 1"	1
405372	75 mm x 1-1/4"	1
405374	75 mm x 1-1/2"	1
405376	75 mm x 2"	1
405380	90 mm x 3/4"	1
405382	90 mm x 1"	1

PRODUCT CODE	SIZE	MOQ
405384	90 mm x 1-1/4"	1
405386	90 mm x 1-1/2"	1
405388	90 mm x 2"	1
405390	110 mm x 1/2"	1
405392	110 mm x 3/4"	1
405394	110 mm x 1"	1
405396	110 mm x 1-1/4"	1
405398	110 mm x 1-1/2"	1
405400	110 mm x 2"	1
405402	110 mm x 2-1/2"	1
405404	110 mm x 3"	1
405408	125 mm x 3/4"	1
405410	125 mm x 1"	1
405412	125 mm x 1-1/4"	1
405416	125 mm x 2"	1
405418	125 mm x 3"	1
405420	125 mm x 4"	1
405430	140 mm x 3"	1
405432	160 mm x 1/2"	1
405434	160 mm x 3/4"	1
405436	160 mm x 1"	1
405438	160 mm x 1-1/4"	1
405442	160 mm x 2"	1
405444	160 mm x 3"	1
405446	160 mm x 4"	1

CEPEX COMPRESSION FITTINGS

CEPEX offers a range of PP compression fittings: Performance Series. Made according to standards EN 712 / 713 / 715 / and ISO 3501 / 3503 / 3458 / 3459 and are suitable for installation on PE pipes conforming to ISO 11922; DIN 8072 / 8074; and UNE 53131. These fittings allow for a quick, simple insertion of the tube, considerably reducing installation time: simply loosen the nut (without removing it), and insert the pipe.



ELBOW COMPRESSION MALE

PRODUCT CODE	SIZE	MOQ
COM01494	20 mm x 1/2"	1
COM01495	20 mm x 3/4"	1
COM01496	25 mm x 1/2"	1
COM01497	25 mm x 3/4"	1
COM32056	32 mm x 3/4"	1
COM01498	32 mm x 1"	1
COM01499	40 mm x 1-1/4"	1
COM01501	50 mm x 1-1/2"	1
COM01502	50 mm x 2"	1
COM01503	63 x 50 mm	1
COM17903	90 mm x 3"	1



ELBOW COMPRESSION FEMALE

PRODUCT CODE	SIZE	MOQ
COM01479	20 mm x 1/2"	1
COM01480	20 mm x 3/4"	1
COM01481	25 mm x 3/4"	1
COM07350	25 mm x 1/2"	1
COM01482	32 mm x 3/4"	1
COM01483	32 mm x 1"	1
COM33489	40 mm x 1"	1
COM01485	40 mm x 1-1/4"	1
COM01486	40 mm x 1-1/2"	1
COM01487	50 mm x 1-1/2"	1
COM01489	63 mm x 2"	1
COM01490	75 mm x 2"	1
COM01491	75 mm x 2-1/2"	1



ELBOW COMPRESSION

PRODUCT CODE	SIZE	MOQ
COM01470	20 mm	1
COM01471	25 mm	1
COM01472	32 mm	1
COM01473	40 mm	1
COM01474	50 mm	1
COM01475	63 mm	1
COM01476	75 mm	1
COM17898	90 mm	1
COM17899	110 mm	1



COUPLING COMPRESSION REDUCING

PRODUCT CODE	SIZE	MOQ
COM01558	25 x 20 mm	1
COM33490	32 x 20 mm	1
COM01559	32 x 25 mm	1
COM34576	40 x 25 mm	1
COM01560	40 x 32 mm	1
COM01561	50 x 40 mm	1
COM01562	63 x 50 mm	1



COUPLING COMPRESSION

PRODUCT CODE	SIZE	MOQ
COM01548	16 mm	1
COM01549	20 mm	1
COM01550	25 mm	1
COM01551	32 mm	1
COM01552	40 mm	1
COM01553	50 mm	1
COM01554	63 mm	1
COM01555	75 mm	1
COM17916	90 mm	1
COM17917	110 mm	1

CEPEX COMPRESSION FITTINGS

CEPEX offers a range of PP compression fittings: Performance Series. Made according to standards EN 712 / 713 / 715 / and ISO 3501 / 3503 / 3458 / 3459 and are suitable for installation on PE pipes conforming to ISO 11922; DIN 8072 / 8074; and UNE 53131. These fittings allow for a quick, simple insertion of the tube, considerably reducing installation time: simply loosen the nut (without removing it), and insert the pipe.



TEE COMPRESSION MALE

PRODUCT CODE	SIZE	MOQ
COM01537	20 mm x 1/2"	1
COM01538	20 mm x 3/4"	1
COM01540	25 mm x 3/4"	1
COM01542	32 mm x 1"	1
COM01543	40 mm x 1-1/4"	1
COM01544	50 mm x 1-1/2"	1
COM01545	63 mm x 2"	1
COM01546	75 mm x 2-1/2"	1



TEE COMPRESSION

PRODUCT CODE	SIZE	MOQ
COM01506	16 mm	1
COM01507	20 mm	1
COM01508	25 mm	1
COM01509	32 mm	1
COM01510	40 mm	1
COM01511	50 mm	1
COM01512	63 mm	1
COM01513	75 mm	1
COM17906	90 mm	1



TEE COMPRESSION REDUCING

PRODUCT CODE	SIZE	MOQ
COM1516	25 x 20 mm	1
COM01517	32 x 25 mm	1
COM01518	40 x 32 mm	1
COM33487	50 x 32 mm	1
COM01519	50 x 40 mm	1
COM01520	63 x 50 mm	1



TEE COMPRESSION FEMALE

PRODUCT CODE	SIZE	MOQ
COM01524	20 mm x 1/2"	1
COM01525	20 mm x 3/4"	1
COM01526	25 mm x 1/2"	1
COM01527	25 mm x 3/4"	1
COM34227	25 mm x 1"	1
COM03337	32 mm x 3/4"	1
COM01529	32 mm x 1"	1
COM01530	40 mm x 1-1/4"	1
COM01531	50 mm x 1-1/2"	1
COM01533	63 mm x 2"	1
COM17910	90 mm x 3"	1
COM17912	110 mm x 4"	1



ADAPTOR COMPRESSION FEMALE

PRODUCT CODE	SIZE	MOQ
COM01566	20 mm x 1/2"	1
COM01567	20 mm x 3/4"	1
COM1569	25 mm x 3/4"	1
COM01568	25 x 15 mm	1
COM01570	25 mm x 1"	1
COM01571	32 mm x 3/4"	1
COM01572	32 mm x 1"	1
COM01573	40 mm x 1"	1
COM01574	40 mm x 1-1/4"	1
COM01576	50 mm x 1-1/2"	1
COM01577	50 x 50 mm	1
COM01578	63 mm x 2"	1
COM01580	75 mm x 2-1/2"	1



ADAPTOR COMPRESSION MALE

PRODUCT CODE	SIZE	MOQ
COM07348	16 mm x 1/2"	1
COM01583	20 mm x 1/2"	1
COM01584	20 mm x 3/4"	1
COM01586	25 mm x 1/2"	1
COM01587	25 mm x 3/4"	1
COM01588	25 mm x 1"	1
COM01589	32 mm x 3/4"	1
COM01590	32 mm x 1"	1
COM06154	32 mm x 1-1/4"	1
COM33127	40 mm x 1"	1
COM01591	40 mm x 1-1/4"	1
COM01592	40 mm x 1-1/2"	1
COM01593	50 mm x 1-1/2"	1
COM06155	50 mm x 1-1/4"	1
COM01594	50 mm x 2"	1
COM01595	63 mm x 1-1/2"	1
COM01596	63 mm x 2"	1
COM01597	75 mm x 2"	1
COM01598	75 mm x 2-1/2"	1
COM09711	75 mm x 3"	1
COM17930	90 mm x 3"	1
COM17934	110 mm x 4"	1

CEPEX COMPRESSION FITTINGS

CEPEX offers a range of PP compression fittings: Performance Series. Made according to standards EN 712 / 713 / 715 / and ISO 3501 / 3503 / 3458 / 3459 and are suitable for installation on PE pipes conforming to ISO 11922; DIN 8072 / 8074; and UNE 53131. These fittings allow for a quick, simple insertion of the tube, considerably reducing installation time: simply loosen the nut (without removing it), and insert the pipe.



END CAP COMPRESSION

PRODUCT CODE	SIZE	MOQ
COM01601	20 mm	1
COM01602	25 mm	1
COM01603	32 mm	1
COM01604	40 mm	1
COM01605	50 mm	1
COM01606	63 mm	1
COM01607	75 mm	1



CLAMP SADDLE NON-REINFORCED

PRODUCT CODE	SIZE	MOQ
COM01701	25 mm x 1/2"	1
COM01702	25 mm x 3/4"	1
COM01703	32 mm x 1/2"	1
COM01704	32 mm x 3/4"	1
COM01705	32 mm x 1"	1
COM01706	40 mm x 1/2"	1
COM01707	40 mm x 3/4"	1
COM01708	40 mm x 1"	1
COM01710	50 mm x 3/4"	1
COM01711	50 mm x 1"	1
COM01712	50 mm x 1-1/4"	1
COM01713	63 mm x 1/2"	1
COM01714	63 mm x 3/4"	1
COM01715	63 mm x 1"	1
COM01716	63 mm x 1-1/4"	1
COM01717	63 mm x 1-1/2"	1
COM01719	75 mm x 3/4"	1
COM01720	75 mm x 1"	1
COM01721	75 mm x 1-1/4"	1
COM01722	75 mm x 1-1/2"	1
COM01725	90 mm x 1"	1
COM01727	90 mm x 1-1/2"	1
COM01731	110 mm x 1"	1

VETPLAST FITTINGS

Virgin co-polymer insert and threaded fittings to be used with Class 3 and 6 low-density polyethylene pipe.



VETPLAST ELBOW INSERT MALE COMBINATION

PRODUCT CODE	SIZE	MOQ
VET194	15 mm	10
VET195	20 mm	10
VET196	25 mm	10
VET197	32 mm	10
VET198	40 mm	10
VET199	50 mm	10
VET257	20 x 15 mm	10
VET201	25 x 15 mm	10
VET200	25 x 20 mm	10
VET286	40 x 50 mm	1



VETPLAST ELBOW INSERT FEMALE COMBINATION

PRODUCT CODE	SIZE	MOQ
VET287	15 mm	10
VET160	20 mm	10
VET260	20 x 15 mm	10
VET161	25 mm	10
VET162	32 mm	10
VET163	40 mm	10
VET164	50 mm	1



VETPLAST ELBOW INSERT

PRODUCT CODE	SIZE	MOQ
VET242	10 mm	10
VET252	12 mm	10
VET116	15 mm	10
VET117	20 mm	10
VET118	25 mm	10
VET119	32 mm	10
VET120	40 mm	10
VET121	50 mm	10
VET122	65 mm	1
VET123	80 mm	1



VETPLAST COUPLING INSERT

PRODUCT CODE	SIZE	MOQ
VET240	10 mm	10
VET251	12 mm	10
VET108	15 mm	10
VET109	20 mm	10
VET110	25 mm	10
VET111	32 mm	10
VET112	40 mm	10
VET113	50 mm	10
VET114	65 mm	1
VET115	80 mm	1



VETPLAST ADAPTOR INSERT MALE

PRODUCT CODE	SIZE	MOQ
VET285	12 mm	10
VET100	15 mm	10
VET101	20 mm	10
VET102	25 mm	10
VET103	32 mm	10
VET104	40 mm	10
VET105	50 mm	10
VET106	65 mm	1
VET107	80 mm	1



VETPLAST PLUG INSERT

PRODUCT CODE	SIZE	MOQ
VET171	15 mm	10
VET172	20 mm	10
VET173	25 mm	10
VET174	32 mm	10
VET175	40 mm	10
VET176	50 mm	10

VETPLAST FITTINGS

Virgin co-polymer insert and threaded fittings to be used with Class 3 and 6 low-density polyethylene pipe.



VETPLAST PLUG MALE BSP NYLON

PRODUCT CODE	SIZE	MOQ
VET223	15 mm	10
VET224	20 mm	10
VET225	25 mm	10
VET226	32 mm	10
VET227	40 mm	10
VET228	50 mm	10



VETPLAST NIPPLE BARREL NYLON

PRODUCT CODE	SIZE	MOQ
VET261	15 mm	10
VET262	20 mm	10
VET263	25 mm	10
VET264	32 mm	10
VET265	40 mm	1
VET266	50 mm	1



VETPLAST NIPPLE REDUCING BARREL NYLON

PRODUCT CODE	SIZE	MOQ
VET267	20 x 15 mm	10
VET189	25 x 15 mm	10
VET268	25 x 20 mm	10
VET190	32 x 25 mm	1



VETPLAST SOCKET REDUCING NYLON

PRODUCT CODE	SIZE	MOQ
VET272	20 x 15 mm	10
VET273	25 x 15 mm	10
VET191	25 x 20 mm	10



VETPLAST SOCKET NYLON

PRODUCT CODE	SIZE	MOQ
VET269	15 mm	10
VET270	20 mm	1
VET271	25 mm	10



VETPLAST BUSH REDUCING NYLON

PRODUCT CODE	SIZE	MOQ
VET229	20 x 15 mm	10
VET230	25 x 15 mm	10
VET232	25 x 20 mm	10
VET231	32 x 15 mm	10
VET233	32 x 20 mm	10
VET234	32 x 25 mm	10
VET277	40 x 15 mm	10
VET255	40 x 20 mm	10
VET235	40 x 25 mm	10
VET236	40 x 32 mm	10
VET278	50 x 15 mm	1
VET256	50 x 20 mm	10
VET237	50 x 25 mm	10
VET238	50 x 32 mm	10
VET239	50 x 40 mm	10

VETPLAST FITTINGS

Virgin co-polymer insert and threaded fittings to be used with Class 3 and 6 low-density polyethylene pipe.



VETPLAST COUPLING REDUCING INSERT

PRODUCT CODE	SIZE	MOQ
VET245	12 x 10 mm	10
VET246	15 x 10 mm	10
VET254	15 x 12 mm	10
VET132	20 x 15 mm	10
VET133	25 x 15 mm	10
VET134	25 x 20 mm	10
VET135A	32 x 15 mm	10
VET135	32 x 20 mm	10
VET136	32 x 25 mm	10
VET274	40 x 15 mm	1
VET275	40 x 20 mm	10
VET137	40 x 25 mm	10
VET138	40 x 32 mm	10
VET276	50 x 15 mm	1
VET139A	50 x 20 mm	10
VET139	50 x 25 mm	10
VET140	50 x 32 mm	10
VET141	50 x 40 mm	10
VET142	65 x 50 mm	1
VET143	80 x 50 mm	1
VET144	80 x 65 mm	1



VETPLAST TEE INSERT MALE COMBINATION

PRODUCT CODE	SIZE	MOQ
VET202	15 mm	10
VET203	20 mm	10
VET204	25 mm	10
VET205	32 mm	10
VET206	40 mm	1
VET207	50 mm	1
VET208	20 x 15 mm	10
VET210	25 x 15 mm	10
VET209	25 x 20 mm	10
VET213	32 x 15 mm	10
VET211	32 x 20 mm	1
VET212	32 x 25 mm	1
VET217	40 x 15 mm	1
VET216	40 x 20 mm	1
VET215	40 x 25 mm	1
VET214	40 x 32 mm	1
VET221	50 x 20 mm	1
VET219	50 x 32 mm	1
VET218	50 x 40 mm	1



VETPLAST TEE INSERT FEMALE COMBINATION

PRODUCT CODE	SIZE	MOQ
VET165	15 mm	10
VET166	20 mm	10
VET167	25 mm	10
VET168	32 mm	10
VET169	40 mm	1
VET170	50 mm	1
VET177	20 x 15 mm	10
VET178	25 x 15 mm	10
VET179	25 x 20 mm	10
VET180	32 x 20 mm	10
VET181	32 x 25 mm	10
VET182	40 x 20 mm	1
VET183	40 x 25 mm	1
VET184	40 x 32 mm	1
VET185	50 x 20 mm	1
VET186	50 x 25 mm	1
VET187	50 x 32 mm	1
VET188	50 x 40 mm	1

VETPLAST TEE REDUCING INSERT



PRODUCT CODE	SIZE	MOQ
VET247	12 x 10 mm	1
VET248	15 x 10 mm	1
VET249	15 x 12 mm	1
VET145	20 x 15 mm	10
VET146	25 x 15 mm	10
VET147	25 x 20 mm	10
VET148	32 x 15 mm	10
VET149	32 x 20 mm	10
VET150	32 x 25 mm	10

PRODUCT CODE	SIZE	MOQ
VET151	40 x 15 mm	10
VET152	40 x 20 mm	10
VET153	40 x 25 mm	10
VET154	40 x 32 mm	10
VET155	50 x 15 mm	1
VET156	50 x 20 mm	1
VET157	50 x 25 mm	1
VET158	50 x 32 mm	1
VET159	50 x 40 mm	1

VETPLAST

								
VETPLAST TEE INSERT			VETPLAST CROSS INSERT			VETPLAST CROSS REDUCING INSERT		
PRODUCT CODE	SIZE	MOQ	PRODUCT CODE	SIZE	MOQ	PRODUCT CODE	SIZE	MOQ
VET241	10 mm	10	VET243	20 mm	10	VET250	20 x 15 mm	10
VET253	12 mm	10	VET244	25 mm	10	VET258	25 x 15 mm	1
VET124	15 mm	10				VET259	25 x 20 mm	10
VET125	20 mm	10						
VET126	25 mm	10						
VET127	32 mm	10						
VET128	40 mm	10						
VET129	50 mm	1						
VET130	65 mm	1						
VET131	80 mm	1						

PRODUCT CODE	SIZE	MOQ
VET241	10 mm	10
VET253	12 mm	10
VET124	15 mm	10
VET125	20 mm	10
VET126	25 mm	10
VET127	32 mm	10
VET128	40 mm	10
VET129	50 mm	1
VET130	65 mm	1
VET131	80 mm	1

PRODUCT CODE	SIZE	MOQ
VET243	20 mm	10
VET244	25 mm	10

PRODUCT CODE	SIZE	MOQ
VET250	20 x 15 mm	10
VET258	25 x 15 mm	1
VET259	25 x 20 mm	10

EMJAY® INSERT FITTINGS

Emjay® insert fittings, for use on polyethylene pipe Class 3 and Class 6. Unique barb configuration to take maximum advantage of polyethylene pipe. Manufactured of black nylon, tough and durable to ensure maximum resistance to UV degradation and prevent egress of red light into the pipe which could promote algae development.



EMJAY® COUPLING BLACK

PRODUCT CODE	SIZE	MOQ
MB100A	10 mm	1
MB101A	13 mm	1
MB102A	15 mm	1
MB103A	20 mm	1
MB104A	25 mm	1
MB200A	32 mm	1
MB205A	40 mm	1
MB206A	50 mm	1
MB207A	50 mm - Long	1
MB208A	65 mm	1
MB209A	80 mm	1



EMJAY® COUPLING REDUCING BLACK

PRODUCT CODE	SIZE	MOQ
MB105A	13 x 10 mm	1
MB106A	15 x 10 mm	1
MB107A	15 x 13 mm	1
MB108A	20 x 10 mm	1
MB109A	20 x 13 mm	1
MB110A	20 x 15 mm	1
MB111A	25 x 15 mm	1
MB112A	25 x 20 mm	1
MB223A	32 x 15 mm	1
MB224A	32 x 20 mm	1
MB225A	32 x 25 mm	1
MB226A	40 x 15 mm	1
MB227A	40 x 20 mm	1
MB228A	40 x 25 mm	1
MB229A	40 x 32 mm	1
MB231A	50 x 15 mm	1
MB232A	50 x 20 mm	1
MB233A	50 x 25 mm	1
MB234A	50 x 32 mm	1
MB235A	50 x 40 mm	1
MB237A	65 x 50 mm	1



EMJAY® TEE MALE BLACK

PRODUCT CODE	SIZE	MOQ
MB123A	13/15 mm x 1/2"	1
MB124A	15 mm x 1/2"	1
MB125A	20 mm x 1/2"	1
MB126A	20 mm x 3/4"	1
MB210A	25 mm x 1/2"	1
MB212A	25 mm x 3/4"	1
MB214A	25 mm x 1"	1
MB215A	32 mm x 1/2"	1
MB216A	32 mm x 3/4"	1
MB217A	32 mm x 1"	1
MB218A	32 mm x 1-1/4"	1
MB249A	40 mm x 1/2"	1
MB250A	40 mm x 3/4"	1
MB251A	40 mm x 1"	1
MB252A	40 mm x 1-1/4"	1
MB253A	40 mm x 1-1/2"	1
MB254A	50 mm x 1/2"	1
MB255A	50 mm x 3/4"	1
MB256A	50 mm x 1"	1
MB257A	50 mm x 1-1/4"	1
MB258A	50 mm x 1-1/2"	1
MB259A	50 mm x 2"	1



EMJAY® TEE BLACK

PRODUCT CODE	SIZE	MOQ
MB113A	10 mm	1
MB115A	13 mm	1
MB117A	15 mm	1
MB119A	20 mm	1
MB120A	25 mm	1
MB325A	32 mm	1
MB330A	40 mm	1
MB331A	50 mm	1
MB332A	65 mm	1
MB333A	80 mm	1



EMJAY® INSERT FITTINGS

Emjay® insert fittings, for use on polyethylene pipe Class 3 and Class 6. Unique barb configuration to take maximum advantage of polyethylene pipe. Manufactured of black nylon, tough and durable to ensure maximum resistance to UV degradation and prevent egress of red light into the pipe which could promote algae development.



EMJAY® TEE REDUCING BLACK

PRODUCT CODE	SIZE	MOQ
MB114A	13 x 10 mm	1
MB116A	15 x 13 mm	1
MB118A	20 x 15 mm	1
MB121A	25 x 20 mm	1
MB122A	25 x 15 mm	1
MB334A	32 x 15 mm	1
MB335A	32 x 20 mm	1
MB336A	32 x 25 mm	1
MB338A	40 x 15 mm	1
MB339A	40 x 20 mm	1
MB340A	40 x 25 mm	1
MB341A	40 x 32 mm	1
MB343A	50 x 15 mm	1
MB344A	50 x 20 mm	1
MB345A	50 x 25 mm	1
MB346A	50 x 32 mm	1
MB347A	50 x 40 mm	1



EMJAY® TEE FEMALE BLACK

PRODUCT CODE	SIZE	MOQ
MB702A	15 mm x 1/2"	1
MB703A	20 mm x 1/2"	1
MB704A	20 mm x 3/4"	1
MB705A	25 mm x 1/2"	1
MB706A	25 mm x 3/4"	1
MB707A	25 mm x 1"	1
MB708A	32 x 15 mm	1
MB709A	32 mm x 3/4"	1
MB710A	32 mm x 1"	1
MB711A	32 x 32 mm	1
MB712A	40 x 15 mm	1
MB713A	40 mm x 3/4"	1
MB714A	40 mm x 1"	1
MB715A	40 x 32 mm	1
MB716A	40 mm x 1-1/2"	1
MB719A	50 x 20 mm	1
MB720A	50 x 25 mm	1
MB721A	50 x 32 mm	1
MB722A	50 x 40 mm	1
MB723A	50 mm x 2"	1



EMJAY® ADAPTOR MALE BLACK

PRODUCT CODE	SIZE	MOQ
MB141A	13 mm x 1/2"	1
MB265A	13 mm x 3/4"	1
MB142A	15 mm x 1/2"	1
MB266A	15 mm x 3/4"	1
MB620A	20 mm x 1"	1
MB143A	20 mm x 3/4"	1
MB144A	25 mm x 1"	1
MB267A	25 mm x 1-1/4"	1
MB270A	32 mm x 1-1/4"	1
MB275A	40 mm x 1-1/2"	1
MB274A	40 mm x 2"	1
MB276A	50 mm x 2"	1



EMJAY® ADAPTOR FEMALE BLACK

PRODUCT CODE	SIZE	MOQ
MB762A	15 mm x 1/2"	1
MB764A	20 mm x 3/4"	1
MB765A	25 mm x 1"	1
MB767A	40 mm x 1-1/2"	1



EMJAY® TAP CONNECTOR BLACK

PRODUCT CODE	SIZE	MOQ
MB605A	15 mm x 3/4"	1



EMJAY® PLUG INSERT BLACK

PRODUCT CODE	SIZE	MOQ
MB136A	10 mm	1
MB137A	13 mm	1
MB138A	15 mm	1
MB139A	20 mm	1
MB140A	25 mm	1
MB260A	32 mm	1
MB261A	40 mm	1
MB262A	50 mm	1
MB263A	65 mm	1
MB264A	80 mm	1

EMJAY® INSERT FITTINGS

Emjay® insert fittings, for use on polyethylene pipe Class 3 and Class 6. Unique barb configuration to take maximum advantage of polyethylene pipe. Manufactured of black nylon, tough and durable to ensure maximum resistance to UV degradation and prevent egress of red light into the pipe which could promote algae development.



EMJAY® ELBOW BLACK

PRODUCT CODE	SIZE	MOQ
MB127A	10 mm	1
MB128A	13 mm	1
MB129A	15 mm	1
MB130A	20 mm	1
MB131A	25 mm	1
MB240A	32 mm	1
MB245A	40 mm	1
MB246A	50 mm	1
MB247A	65 mm	1
MB248A	80 mm	1



EMJAY® ELBOW MALE COMBINATION BLACK

PRODUCT CODE	SIZE	MOQ
MB132A	13/15 mm x ¾"	1
MB133A	15 mm x ½"	1
MB134A	20 mm x ½"	1
MB135A	20 mm x ¾"	1
MB280A	25 mm x ½"	1
MB282A	25 mm x ¾"	1
MB284A	25 mm x 1"	1
MB286A	32 mm x 1-¼"	1
MB289A	40 mm x 1-½"	1
MB290A	40 mm x 2"	1
MB292A	50 mm x 1-½"	1
MB291A	50 mm x 2"	1



EMJAY® ELBOW FEMALE BLACK

PRODUCT CODE	SIZE	MOQ
MB732A	15 mm x ½"	1
MB733A	20 mm x ½"	1
MB734A	20 mm x ¾"	1
MB735A	25 mm x ½"	1
MB736A	25 mm x ¾"	1
MB737A	25 mm x 1"	1
MB741A	32 mm x 1-¼"	1
MB746A	40 mm x 1-½"	1
MB752A	50 mm x 2"	1



EMJAY® GROMMET AND FITTING

Emjay insert fittings, for use on polyethene pipe class 3 and class 6.

PRODUCT CODE	SIZE	MOQ
GF109	32 mm	1



EMJAY® HOSE TAIL

PRODUCT CODE	SIZE	MOQ
MB145A	13 mm x ¾" BSP	1
MB146A	13 mm x ¾" USA	1
MB147A	20 mm x ¾" BSP	1
MB148A	20 mm x ¾" USA	1



EMJAY® ANTI VACUUM BREAKER

Ideal for all irrigation pipelines. It is particularly useful on undulating terrain.

PRODUCT CODE	SIZE	MOQ
MB180A	15 mm	1



EMJAY® POLY THREADED FITTINGS

Emjay® Poly Threaded Fittings are made to high quality in South Africa. Made from Black Virgin Polypropylene (for maximum UV protection) conforming to BSP thread specifications. They don't absorb moisture and are resistant to chemicals and fertilisers. The threads have a standard taper of 2° across the range to ensure a maximum seal at high pressure. The fittings have been tested up to 1600 kPa (235 psi).



EMJAY® PLUG MALE

PRODUCT CODE	SIZE	MOQ
MBP391A	15 mm	1
MBP392A	20 mm	1
MB393A	25 mm	1
MB394A	32 mm	1
MBP395A	40 mm	1
MBP396A	50 mm	1



EMJAY® BUSH REDUCING BLACK

PRODUCT CODE	SIZE	MOQ
MB623A	20 x 15 mm	1
MB624A	25 x 15 mm	1
MB625A	25 x 20 mm	1
MB626A	32 x 15 mm	1
MB627A	32 x 20 mm	1
MB628A	32 x 25 mm	1
MB629A	40 x 15 mm	1
MB630A	40 x 20 mm	1
MB631A	40 x 25 mm	1
MB632A	40 x 32 mm	1
MBP633	50 x 15 mm	1
MB634A	50 x 20 mm	1
MB635A	50 x 25 mm	1
MB636A	50 x 32 mm	1
MB637A	50 x 40 mm	1



EMJAY® END CAP POLY FEMALE

PRODUCT CODE	SIZE	MOQ
MBP790A	½" (15 mm)	1
MBP791A	¾" (20 mm)	1
MBP792A	1" (25 mm)	1
MBP793	1-¼" BSP (32 mm)	1
MBP794	1-½" BSP (40 mm)	1
MBP795A	2" BSP (50 mm)	1



EMJAY® IMPACT SOCKET

PRODUCT CODE	SIZE	MOQ
MBP651A	15 x 15 mm	1
MBP652A	20 x 20 mm	1
MBP653A	25 x 25 mm	1
MBP654A	32 mm	1
MBP655A	40 mm	1
MBP656A	50 mm	1



EMJAY® IMPACT SOCKET GREEN

PRODUCT CODE	SIZE	MOQ
MBP681A	½"	1
MBP682A	¾"	1

EMJAY® POLY THREADED FITTINGS

Emjay® Poly Threaded Fittings are made to high quality in South Africa. Made from Black Virgin Polypropylene (for maximum UV protection) conforming to BSP thread specifications. They don't absorb moisture and are resistant to chemicals and fertilisers. The threads have a standard taper of 2° across the range to ensure a maximum seal at high pressure. The fittings have been tested up to 1600 kPa (235 psi).



EMJAY® NIPPLE REDUCING MALE BLACK

PRODUCT CODE	SIZE	MOQ
MB520A	20 x 15 mm	1
MB524A	25 x 15 mm	1
MB525A	25 x 20 mm	1
MBP528	32 x 25 mm	1
MBP351	40 x 25 mm	1
MBP532	1-1/2" x 1-1/4" (40 x 32 mm)	1



EMJAY® BARREL NIPPLE BLACK

PRODUCT CODE	SIZE	MOQ
MB500A	15 mm	1
MB505A	20 mm	1
MB510A	25 mm	1
MB511A	32 mm	1
MB512A	40 mm	1
MB513A	50 mm	1



EMJAY® POLY SOCKET REDUCING

PRODUCT CODE	SIZE	MOQ
MBP660A	20 x 15 mm	1
MBP661A	25 x 15 mm	1
MBP662A	25 x 20 mm	1
MBP665	1-1/4" x 1" (32 x 25 mm)	1
MBP668	1-1/2" x 1" (40 x 25 mm)	1



EMJAY® TEE THREADED POLY MALE

PRODUCT CODE	SIZE	MOQ
MBP350A	1/2" BSP (15 mm)	1
MBP355	3/4" BSP (20 mm)	1
MBP360	1" BSP (25 mm)	1



EMJAY® TEE POLY FEMALE

PRODUCT CODE	SIZE	MOQ
MBP801	1/2" BSP (15 mm)	1
MBP802	3/4" BSP (20 mm)	1
MBP803	1" BSP (25 mm)	1
MBP804	1-1/4" BSP (32 mm)	1
MBP805	1-1/2" BSP (40 mm)	1
MBP806	2" BSP (50 mm)	1



EMJAY® ELBOW POLY MALE THREADED BLACK

PRODUCT CODE	SIZE	MOQ
MBP370A	15 mm	1
MBP375A	20 mm	1
MBP380A	25 mm	1
MBP382	40 mm	1

FULL FLOW® FITTINGS

Full-flow® compression fittings to be used on outside diameter of Class 3 and 6 low-density polyethylene pipe. Manufactured in South Africa.

FULL FLOW® CONNECTOR



CODE	SIZE	MOQ
15101	13 mm	1
15102	15 mm	1
15103	20 mm	1
15104	25 mm	1

FULL FLOW® CONNECTOR REDUCING



CODE	SIZE	MOQ
15106	15 mm x 13 mm	1
15107	20 mm x 13 mm	1
15108	20 mm x 15 mm	1
15109	25 mm x 15 mm	1
15110	25 mm x 20 mm	1

FULL FLOW® CONNECTOR TEE



CODE	SIZE	MOQ
15112	13 mm	1
15113	15 mm	1
15114	20 mm	1
15115	25 mm	1

FULL FLOW® TEE REDUCING



CODE	SIZE	MOQ
15117	15 mm x 13 mm	1
15118	20 mm x 13 mm	1
15119	20 mm x 15 mm	1
15120	25 mm x 15 mm	1
15121	25 mm x 20 mm	1

FULL FLOW® TEE MALE COMBINATION



CODE	SIZE	MOQ
15123	13 mm x ½"	1
15124	15 mm x ½"	1
15126	20 mm x ½"	1
15125	20 mm x ¾"	1
15127	25 mm x ½"	1
15128	25 mm x ¾"	1
15129	25 mm x 1"	1

FULL FLOW® ELBOW



CODE	SIZE	MOQ
15136	13 mm	1
15137	15 mm	1
15138	20 mm	1
15139	25 mm	1

FULL FLOW® ELBOW REDUCING



CODE	SIZE	MOQ
15141	20 mm x 15 mm	1

FULL FLOW® ELBOW MALE COMBINATION



CODE	SIZE	MOQ
15143	13 mm x ½"	1
15144	15 mm x ½"	1
15146	20 mm x ½"	1
15145	20 mm x ¾"	1
15147	25 mm x ½"	1
15148	25 mm x ¾"	1
15149	25 mm x 1"	1



FULL FLOW® FITTINGS

Full-flow® compression fittings to be used on outside diameter of Class 3 and 6 low-density polyethylene pipe. Manufactured in South Africa.

FULL FLOW® ADAPTOR MALE



CODE	SIZE	MOQ
15156	15 mm x 1/2"	1
15156A	15 mm x 3/4"	1
15156B	20 mm x 1/2"	1
15157	20 mm x 3/4"	1
15157B	20 mm x 1"	1
15158B	25 mm x 1/2"	1
15158C	25 mm x 3/4"	1
15158	25 mm x 1"	1

FULL FLOW® END PLUG



CODE	SIZE	MOQ
15160	13 mm	1
15161	15 mm	1
15162	20 mm	1
15163	25 mm	1

FULL FLOW® CONTROL VALVE



CODE	SIZE	MOQ
15165	13 mm	1
15166	15 mm	1
15167	20 mm	1

FULL FLOW® VALVE SHUT OFF



CODE	SIZE	MOQ
15170	13 mm	1
15171	15 mm	1
15172	20 mm	1

FULL FLOW® TEE FEMALE COMBINATION



CODE	SIZE	MOQ
15154	20 mm x 1/2"	1
15155	25 mm x 1/2"	1

FULL FLOW® CONNECTOR POLYPIPE



CODE	SIZE	MOQ
15168	15 mm	1
15169	20 mm	1

FULL FLOW® ELBOW FEMALE COMBINATION



CODE	SIZE	MOQ
15176	15 mm x 1/2"	1
15177	20 mm x 1/2"	1
15178	25 mm x 1/2"	1

VALVE INSERT SHUT OFF



CODE	SIZE	MOQ
15174	15 mm x 3/4"	1
15175	20 mm x 3/4"	1

FULL FLOW® COUPLING AND SNAP-ON



CODE	SIZE	MOQ
15179	15 mm	1
15180	20 mm	1



GALVANISED FITTINGS

Galvanised malleable pipe fittings with BSP-threads. A comprehensive range of high-quality pipe fittings manufactured according to international BS1387-standards and distributed worldwide.



**K-BRAND ELBOW GALVANISED
MALE/FEMALE HEAVY DUTY 25 BAR**

PRODUCT CODE	SIZE	MOQ
200015	15 mm	10
200020	20 mm	10
200025	25 mm	1
200032	32 mm	1
200040	40 mm	1
200050	50 mm	1
200065	65 mm	1
200080	80 mm	1
200100	100 mm	1



**K-BRAND ELBOW GALVANISED
FEMALE/FEMALE HEAVY DUTY
25 BAR**

PRODUCT CODE	SIZE	MOQ
190008	8 mm	10
190010	10 mm	10
190015	15 mm	10
190020	20 mm	10
190025	25 mm	1
190032	32 mm	1
190040	40 mm	1
190050	50 mm	1
190065	65 mm	1
190080	80 mm	1
190100	100 mm	1
190150	150 mm	1



**K-BRAND BEND GALVANISED
FEMALE/FEMALE 90° HEAVY DUTY
25 BAR**

PRODUCT CODE	SIZE	MOQ
184015	15 mm	1
184020	20 mm	1
184025	25 mm	1
184032	32 mm	1
184040	40 mm	1
184050	50 mm	1
184065	65 mm	1
184080	80 mm	1



**K-BRAND BEND GALVANISED MALE/
FEMALE HEAVY DUTY 25 BAR**

PRODUCT CODE	SIZE	MOQ
185015	15 mm	10
185020	20 mm	10
185025	25 mm	10
185032	32 mm	1
185040	40 mm	1
185050	50 mm	1
185065	65 mm	1
185080	80 mm	1
185100	100 mm	1
185150	150 mm	1



**K-BRAND ELBOW REDUCING
GALVANISED HEAVY DUTY 25 BAR**

PRODUCT CODE	SIZE	MOQ
241020-015	20 x 15 mm	1
241025-015	25 x 15 mm	1
241025-020	25 x 20 mm	1
241032-020	32 x 20 mm	1
241032-025	32 x 25 mm	1
241040-032	40 x 32 mm	1
241050-040	50 x 40 mm	1



**K-BRAND TEE GALVANISED HEAVY
DUTY 25 BAR**

PRODUCT CODE	SIZE	MOQ
220008	8 mm	10
220010	10 mm	10
220015	15 mm	10
220020	20 mm	10
220025	25 mm	1
220032	32 mm	1
220040	40 mm	1
220050	50 mm	1
220065	65 mm	1
220080	80 mm	1
220100	100 mm	1
220150	150 mm	1



GALVANISED FITTINGS

Galvanised malleable pipe fittings with BSP-threads. A comprehensive range of high-quality pipe fittings manufactured according to international BS1387-standards and distributed worldwide.



**K-BRAND TEE REDUCING
GALVANISED HEAVY DUTY 25 BAR**

PRODUCT CODE	SIZE	MOQ
245020-015	20 x 15 mm	10
245025-015	25 x 15 mm	10
245025-020	25 x 20 mm	10
245032-015	32 x 15 mm	10
245032-020	32 x 20 mm	10
245032-025	32 x 25 mm	10
245040-015	40 x 15 mm	10
245040-020	40 x 20 mm	10
245040-025	40 x 25 mm	10
245050-015	50 x 15 mm	1
245050-020	50 x 20 mm	1
245050-025	50 x 25 mm	1
245050-032	50 x 32 mm	1
245050-040	50 x 40 mm	1
245065X040	65 x 40 mm	1
245065-050	65 x 50 mm	1
245080-040	80 x 40 mm	1
245080-050	80 x 50 mm	1
245080-065	80 x 65 mm	1
245100-050	100 x 50 mm	1
245100-080	100 x 80 mm	1



**K-BRAND SOCKET REDUCING
GALVANISED HEAVY DUTY 25 BAR**

PRODUCT CODE	SIZE	MOQ
240015-008	15 x 08 mm	10
240015-010	15 x 10 mm	10
240020-015	20 x 15 mm	1
240025-015	25 x 15 mm	10
240025-020	25 x 20 mm	1
240032-015	32 x 15 mm	10
240032-020	32 x 20 mm	10
240032-025	32 x 25 mm	10
240040-015	40 x 15 mm	1
240040-020	40 x 20 mm	1
240040-025	40 x 25 mm	1
240040-032	40 x 32 mm	1
240050-015	50 x 15 mm	1
240050-020	50 x 20 mm	1
240050-025	50 x 25 mm	1
240050-032	50 x 32 mm	1
240050-040	50 x 40 mm	1
240065-025	65 x 25 mm	1
240065-032	65 x 32 mm	1
240065-040	65 x 40 mm	1
240065-050	65 x 50 mm	1
240080-040	80 x 40 mm	1
240080-050	80 x 50 mm	1
240080-065	80 x 65 mm	1
240100-050	100 x 50 mm	1
240100-065A	100 x 65 mm	1
240100-080	100 x 80 mm	1
240150-100	150 x 100 mm	1



**K-BRAND BUSH REDUCING
GALVANISED HEAVY DUTY 25 BAR**

PRODUCT CODE	SIZE	MOQ
235015-008	15 x 08 mm	10
235015-010	15 x 10 mm	10
235020-008	20 x 08 mm	10
235020-010	20 x 10 mm	10
235020-015	20 x 15 mm	10
235025-015	25 x 15 mm	10
235025-020	25 x 20 mm	1
235032-015	32 x 15 mm	10
235032-020	32 x 20 mm	10
235032-025	32 x 25 mm	10
235040-015	40 x 15 mm	1
235040-020	40 x 20 mm	1
235040-025	40 x 25 mm	1
235040-032	40 x 32 mm	1
235050-015	50 x 15 mm	1
235050-020	50 x 20 mm	1
235050-025	50 x 25 mm	1
235050-032	50 x 32 mm	1
235050-040	50 x 40 mm	1
235065-025	65 x 25 mm	1
235065-032	65 x 32 mm	1
235065-040	65 x 40 mm	1
235065-050	65 x 50 mm	1
235080-025	80 x 25 mm	1
235080-032	80 x 32 mm	1
235080-040	80 x 40 mm	1
235080-050	80 x 50 mm	1
235080-065	80 x 65 mm	1
235100-040	100 x 40 mm	1
235100-050	100 x 50 mm	1
235100-065	100 x 65 mm	1
235100-080	100 x 80 mm	1
235150-100	150 x 100 mm	1



GALVANISED FITTINGS

Galvanised malleable pipe fittings with BSP-threads. A comprehensive range of high-quality pipe fittings manufactured according to international BS1387-standards and distributed worldwide.



**K-BRAND PLUG HOLLOW
GALVANISED HEAVY DUTY 25 BAR**

PRODUCT CODE	SIZE	MOQ
205008	8 mm	10
205010	10 mm	10
205015	15 mm	10
205020	20 mm	10
205025	25 mm	1
205032	32 mm	1
205040	40 mm	1
205050	50 mm	1
205065	65 mm	1
205080	80 mm	1
205100	100 mm	1



**K-BRAND END CAP GALVANISED
HEAVY DUTY 25 BAR**

PRODUCT CODE	SIZE	MOQ
206015	15 mm	10
206020	20 mm	10
206025	25 mm	1
206032	32 mm	1
206040	40 mm	1
206050	50 mm	1
206065	65 mm	1
206080	80 mm	1



**K-BRAND SOCKET GALVANISED
HEAVY DUTY 25 BAR**

PRODUCT CODE	SIZE	MOQ
210008	8 mm	10
210010	10 mm	10
210015	15 mm	10
210020	20 mm	10
210020S	20 mm - Banded (220)	1
210025	25 mm	1
210032	32 mm	1
210040	40 mm	1
210050	50 mm	1
210065	65 mm	1
210080	80 mm	1
210100	100 mm	1
210150	150 mm	1



**K-BRAND UNION CONICAL
GALVANISED HEAVY DUTY 25 BAR**

PRODUCT CODE	SIZE	MOQ
225015	15 mm	10
225020	20 mm	10
225025	25 mm	1
225032	32 mm	1
225040	40 mm	1
225050	50 mm	1
225065	65 mm	1
225080	80 mm	1
225100	100 mm	1



**K-BRAND NUT BACK GALVANISED
HEAVY DUTY 25 BAR**

PRODUCT CODE	SIZE	MOQ
180015	15 mm	10
180020	20 mm	10
180025	25 mm	10
180032	32 mm	1
180040	40 mm	1
180050	50 mm	1
180065	65 mm	1
180080	80 mm	1



**K-BRAND CROSS GALVANISED
HEAVY DUTY 25 BAR**

PRODUCT CODE	SIZE	MOQ
260015	15 mm	10
260020	20 mm	10
260025	25 mm	1
260032	32 mm	1
260040	40 mm	1
260050	50 mm	1



GALVANISED FITTINGS

Galvanised malleable pipe fittings with BSP-threads. A comprehensive range of high-quality pipe fittings manufactured according to international BS1387-standards and distributed worldwide.



K-BRAND ADAPTOR SWAGE HEAVY DUTY 25 BAR

PRODUCT CODE	SIZE	MOQ
250008	8 mm	10
250010	10 mm	10
250015	15 mm	10
250020	20 mm	10
250025	25 mm	1
250032	32 mm	1
250040	40 mm	1
250050	50 mm	1
250065	65 mm	1
250080	80 mm	1
250100	100 mm	1
250150	150 mm	1



K-BRAND NIPPLE BARREL GALVANISED HEAVY DUTY 25 BAR

PRODUCT CODE	SIZE	MOQ
255008	8 mm	10
255010	10 mm	10
255015	15 mm	1
255020	20 mm	1
255025	25 mm	1
255032	32 mm	1
255040	40 mm	1
255050	50 mm	1
255065	65 mm	1
255080	80 mm	1
255100	100 mm	1
255150	150 mm	1



K-BRAND NIPPLE GALVANISED LONGSCREW HEAVY DUTY 25 BAR

PRODUCT CODE	SIZE	MOQ
255L015	15 mm	10
255L020	20 mm	10
255L025	25 mm	10
255L032	32 mm	1
255L040	40 mm	1
255L050	50 mm	1



K-BRAND NIPPLE HEX GALVANISED HEAVY DUTY 25 BAR

PRODUCT CODE	SIZE	MOQ
256015	15 mm	10
256020	20 mm	10
256025	25 mm	1
256032	32 mm	1
256040	40 mm	1
256050	50 mm	1
256065	65 mm	1
256080	80 mm	1
256100	100 mm	1



K-BRAND COUPLING SWAGE GALVANISED HEAVY DUTY 25 BAR

PRODUCT CODE	SIZE	MOQ
253015	15 mm	10
253020	20 mm	10
253025	25 mm	10
253032	32 mm	1
253040	40 mm	1
253050	50 mm	1
253065	65 mm	1
253080	80 mm	1
253100	100 mm	1
253150	150 mm	1



K-BRAND JOHNSON COUPLING GALVANISED HEAVY DUTY 25 BAR

PRODUCT CODE	SIZE	MOQ
175015	15 mm	1
175020	20 mm	1
176025	25 mm	1
176032	32 mm	1
176040	40 mm	1
176050	50 mm	1

GALVANISED FITTINGS

Galvanised malleable pipe fittings with BSP-threads. A comprehensive range of high-quality pipe fittings manufactured according to international BS1387-standards and distributed worldwide.



**K-BRAND SOCKET SPRINKLER
GALVANISED HEAVY DUTY 25 BAR**

PRODUCT CODE	SIZE	MOQ
210020R	55 x 20 mm	1



K-BRAND NIPPLE RUNNING STEEL

Mild steel pipe fittings with British standard threads. A comprehensive range of high-quality pipe fittings manufactured according to international standards and distributed worldwide.

PRODUCT CODE	SIZE	MOQ
254015	15 mm	1
254020	20 mm	1
254025	25 mm	1
254032	32 mm	1
254040	40 mm	1
254050	50 mm	1



HOLDERBAT GALVANISED

PRODUCT CODE	SIZE	MOQ
181015	15 mm	10
181020	20 mm	10
181025	25 mm	10
181032	32 mm	1
181040	40 mm	1



**K-BRAND SOCKET STEEL HEAVY
DUTY 25 BAR**

Mild steel pipe fittings with British standard threads. A comprehensive range of high-quality pipe fittings manufactured according to international standards and distributed worldwide.

PRODUCT CODE	SIZE	MOQ
211015	15 mm	1
211020	20 mm	1
211025	25 mm	1
211032	32 mm	1
211040	40 mm	1
211050	50 mm	1
211065	65 mm	1
211080	80 mm	1
211100	100 mm	1

**16 BAR
STANDARD DUTY**



**ELBOW GALVANISED MALE/
FEMALE 90°**

PRODUCT CODE	SIZE	MOQ
200015E	15 mm	1
200020E	20 mm	1
200025E	25 mm	1
200050E	50 mm	1

**16 BAR
STANDARD DUTY**



**ELBOW GALVANISED FEMALE/
FEMALE 90°**

PRODUCT CODE	SIZE	MOQ
190015E	15 mm	1
190020E	20 mm	1
190025E	25 mm	1
190032E	32 mm	1
190040E	40 mm	1
190050E	50 mm	1
190065E	65 mm	1
190080E	80 mm	1

16 BAR
STANDARD DUTY

TEE REDUCING GALVANISED

PRODUCT CODE	SIZE	MOQ
245020-015E	20 x 15 mm	1
245025X015E	25 x 15 mm	1
245025X020E	25 x 20 mm	1
245032-015E	32 x 15 mm	1
245032 x 020E	32 x 20 mm	1
245032X025E	32 x 25 mm	1
245040X015E	40 x 15 mm	1
245040X020E	40 x 20 mm	1
245040X025E	40 x 25 mm	1
245050X025E	50 x 25 mm	1
245050X032E	50 x 32 mm	1
245050X040E	50 x 40 mm	1
245065X050E	65 x 50 mm	1

16 BAR
STANDARD DUTY

TEE EQUAL GALVANISED

PRODUCT CODE	SIZE	MOQ
220015E	15 mm	1
220020E	20 mm	1
220025E	25 mm	1
220032E	32 mm	1
220040E	40 mm	1
220050E	50 mm	1
220065E	65 mm	1
220080E	80 mm	1

16 BAR
STANDARD DUTYBUSH REDUCING MALE/FEMALE
GALVANISED

PRODUCT CODE	SIZE	MOQ
235020X015E	20 x 15 mm	1
235025X015E	25 x 15 mm	1
235025X020E	25 x 20 mm	1
235032X025E	32 x 25 mm	1
235040X020E	40 x 20 mm	1
235040X025E	40 x 25 mm	1
235040X032E	40 x 32 mm	1
235050X025E	50 x 25 mm	1
235050X032E	50 x 32 mm	1
235050X040E	50 x 40 mm	1
235065X050E	65 x 50 mm	1

16 BAR
STANDARD DUTY

PLUG HOLLOW GALVANISED

PRODUCT CODE	SIZE	MOQ
205015E	15 mm	1
205020E	20 mm	1
205025E	25 mm	1
205032E	32 mm	1
205040E	40 mm	1
205050E	50 mm	1
205065E	65 mm	1

16 BAR
STANDARD DUTY

NIPPLE HEX GALVANISED

PRODUCT CODE	SIZE	MOQ
256015E	15 mm	1
256020E	20 mm	1
256025E	25 mm	1
256032E	32 mm	1
256040E	40 mm	1
256050E	50 mm	1
256065E	65 mm	1

16 BAR
STANDARD DUTY

END CAP GALVANISED

PRODUCT CODE	SIZE	MOQ
206015E	15 mm	1
206020E	20 mm	1
206025E	25 mm	1
206040E	40 mm	1
206050E	50 mm	1

GALVANISED FITTINGS

Galvanised malleable pipe fittings with BSP-threads. A comprehensive range of high-quality pipe fittings manufactured according to international BS1387-standards and distributed worldwide.

16 BAR
STANDARD DUTY

SOCKET REDUCING GALVANISED

PRODUCT CODE	SIZE	MOQ
240020X015E	20 x 15 mm	1
240025X015E	25 x 15 mm	1
240025X020E	25 x 20 mm	1
240032X015E	32 x 15 mm	1
240032X020E	32 x 20 mm	1
240032X025E	32 x 25 mm	1
240040X015E	40 x 15 mm	1
240040-020E	40 x 20 mm	1
240040X025E	40 x 25 mm	1
240040X032E	40 x 32 mm	1
240050X020E	50 x 20 mm	1
240050X025E	50 x 25 mm	1
240050-032E	50 x 32 mm	1
240065X040E	65 x 40 mm	1
240065X050E	65 x 50 mm	1
240080X050E	80 x 50 mm	1
240080X065E	80 x 65 mm	1

16 BAR
STANDARD DUTY

SOCKET GALVANISED

PRODUCT CODE	SIZE	MOQ
210015E	15 mm	1
210020E	20 mm	1
210025E	25 mm	1
210032E	32 mm	1
210040E	40 mm	1
210050E	50 mm	1
210065E	65 mm	1
210080E	80 mm	1

16 BAR
STANDARD DUTY

UNION CONICAL GALVANISED

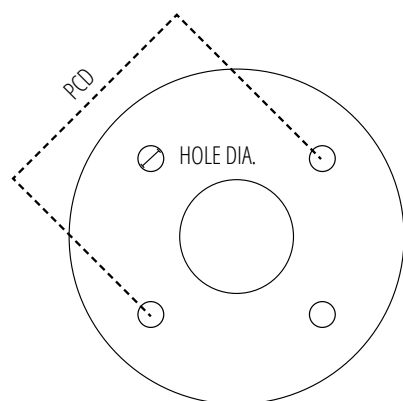
PRODUCT CODE	SIZE	MOQ
255015E	15 mm	1
225020E	20 mm	1
225025E	25 mm	1
225032E	32 mm	1
225050E	50 mm	1

FLANGE SCREWED TYPE 1600/4
BLACK

Fits on KSB and Speroni centrifugal pump.



PRODUCT CODE	SIZE	MOQ
297040MM	40 mm	1
297050MM	50 mm	1
297065MM	65 mm	1
297080MM	80 mm	1
297100MM	100 mm	1
297150MM	150 mm	1



FLANGE DRILLING

	TABLE D			TABLE 10			TABLE 16		
	No of holes	Hole diameter	P.C.D	No of holes	Hole diameter	P.C.D	No of holes	Hole diameter	P.C.D
50 mm	4	17	114	4	18	125	4	18	125
65 mm	4	17	127	4	18	145	4	18	145
80 mm	4	17	146	8	18	160	8	18	160
100 mm	4	17	178	8	18	180	8	18	180
125 mm	8	17	210	8	18	210	8	18	210
150 mm	8	17	235	8	22	240	8	22	240
200 mm	8	17	292	8	22	295	12	22	295
250 mm	8	22	356	12	22	350	12	26	355
300 mm	12	22	406	12	22	400	12	26	410



FLANGE SCREWED T/D GALVANISED

Galvanised flanges with international specifications. Table D screwed and holes already drilled for pipe connection.

PRODUCT CODE	SIZE	MOQ
304015	15 mm	1
304020TD	20 mm	1
304025TD	25 mm	1
304040	40 mm	1
304050	50 mm	1
304065	65 mm	1
304080	80 mm	1
304100	100 mm	1
304150	150 mm	1



FLANGE SCREWED T/D BLACK

Flanges according to international specifications. Table D holes drilled for connecting pipes.

PRODUCT CODE	SIZE	MOQ
305040	40 mm	1
305050	50 mm	1
305065	65 mm	1
305080	80 mm	1
305100	100 mm	1
305150	150 mm	1



FLANGE FOR STUB GALVANISED

Galvanised backing rings are used with serrated stubs on PVC pipelines. See item codes 406290 to 406313.

PRODUCT CODE	SIZE	MOQ
409356	40 mm	1
409358	50 mm	1
409360	63 mm	1
409362	75 mm	1
409364	90 mm	1
409366	110 mm	1
409370	140 mm	1
409372	160 mm	1
409373	200 mm	1



FLANGE NON SABS THREAD ALUMINIUM

Lightweight pipe flanges. Made in SA for DIY pipe furniture and interior decoration projects.

PRODUCT CODE	SIZE	MOQ
306015	15 mm PIPE OD 20 m	1
306020	20 mm PIPE OD 26 m	1
306025	25 mm PIPE OD 32 m	1



FLANGE WELD ON T/D BLACK

Black weld on Table D flanges with international specifications. These flanges can be welded onto the pipe or the fitting, and an additional connection can be made when using bolts and nuts where flange have already been drilled. The product is sprayed with a thin layer of plastic to prevent rust.

PRODUCT CODE	SIZE	MOQ
355040	40 mm	1
355050	50 mm	1
355065	65 mm	1
355080	80 mm	1
355100	100 mm	1
355125	125 mm	1
355150	150 mm	1
355200	200 mm	1
355250	250 mm	1
355300	300 mm	1



IR RING RUBBER

IR rubber rings used with flanges.

PRODUCT CODE	SIZE	MOQ
325020	20 mm	10
325025	25 mm	10
325032	32 mm	10
325040	40 mm	10
325050	50 mm	10
325065	65 mm	10
325080	80 mm	10
325100	100 mm	10
325125	125 mm	1
325150	150 mm	1
325200	200 mm	1
325250	250 mm	1
325300	300 mm	1
325350	350 mm	1
325400	400 mm	1

UPVC FITTINGS

UPVC pressure fittings are suitable for irrigation, portable water supply, chemical installation, water treatment, swimming pools and foodstuff industries. Fittings can be used with any make of pipe made to the same international standards ISO727, DIN8063, UNI7442/75, KIWA54, NPT54/028, BS4361/1, and BS21 for the threaded range BSP. Working pressure 16 kg/cm² (227, 6 PSI) PN16.



ELBOW SOLVENT 90°

PRODUCT CODE	SIZE	MOQ
406004	20 mm	1
406010	40 mm	1
406012	50 mm	1
406014	63 mm	1
406016	75 mm	1
406018	90 mm	1
406020	110 mm	1
406022	125 mm	1
406024	140 mm	1
406026	160 mm	1
406028	200 mm	1



ELBOW SOLVENT 45°

PRODUCT CODE	SIZE	MOQ
406120	20 mm	1
406122	25 mm	1
406124	32 mm	1
406126	40 mm	1
406128	50 mm	1
406130	63 mm	1
406132	75 mm	1
406134	90 mm	1
406136	110 mm	1
406138	125 mm	1
406140	140 mm	1
406142	160 mm	1



ELBOW SOLVENT/BSP 90°

PRODUCT CODE	SIZE	MOQ
409152	20 mm x 1/2"	1
409153	25 mm x 1/2"	1
409154	25 mm x 3/4"	1
409155	32 mm x 1/2"	1
409157	32 mm x 3/4"	1
409156	32 mm x 1"	1
409158	40 mm x 1-1/4"	1
409160	50 mm x 1-1/2"	1
409162	63 mm x 2"	1
409164	75 mm x 2-1/2"	1
409166	90 mm x 3"	1
409168	110 mm x 4"	1



UNION BSP WITH O-RING

PRODUCT CODE	SIZE	MOQ
409114	1/2"	1
409116	3/4"	1
409120	1 1/4"	1
409122	1-1/2"	1
409124	2"	1
409126	3"	1



UNION SOLVENT/BSP

PRODUCT CODE	SIZE	MOQ
409228	50 mm x 1-1/2"	1
409230	63 mm x 2"	1



UNION SOLVENT WITH O-RING

PRODUCT CODE	SIZE	MOQ
406318	20 mm	1
406320	25 mm	1
406322	32 mm	1
406324	40 mm	1
406326	50 mm	1
406328	63 mm	1
406330	75 mm	1
406332	90 mm	1
406334	110 mm	1

UPVC FITTINGS

UPVC pressure fittings are suitable for irrigation, portable water supply, chemical installation, water treatment, swimming pools and foodstuff industries. Fittings can be used with any make of pipe made to the same international standards ISO727, DIN8063, UNI7442/75, KIWA54, NFT54/028, BS4361/1, and BS21 for the threaded range BSP. Working pressure 16 kg/cm² (227, 6 PSI) PN16.



TEE SOLVENT/BSP

PRODUCT CODE	SIZE	MOQ
409176	20 mm x ½"	1
409177	25 mm x ½"	1
409178	25 mm x ¾"	1
409179	32 mm x ½"	1
409180	32 mm x 1"	1
409181	32 x 20 mm	1
409182	40 mm x 1-¼"	1
409184	50 mm x 1-½"	1
409186	63 mm x 2"	1
409188	75 mm x 2-½"	1
409190	90 mm x 3"	1
409194	110 mm x 4"	1



TEE REDUCING SOLVENT

PRODUCT CODE	SIZE	MOQ
406146	32 x 20 mm	1
406147	32 x 25 mm	1
406149	40 x 20 mm	1
406156	40 x 25 mm	1
406150	50 x 25 mm	1
406152	50 x 32 mm	1
406154	50 x 40 mm	1
406158	63 x 32 mm	1
406160	63 x 40 mm	1
406162	63 x 50 mm	1
406164	75 x 40 mm	1
406166	75 x 50 mm	1
406168	75 x 63 mm	1
406169	90 x 40 mm	1
406172	90 x 63 mm	1
406174	90 x 75 mm	1
406176	110 x 63 mm	1
406178	110 x 75 mm	1
406180	110 x 90 mm	1
406186	160 x 110 mm	1



TEE SOLVENT

PRODUCT CODE	SIZE	MOQ
406036	20 mm	1
406038	25 mm	1
406040	32 mm	1
406042	40 mm	1
406044	50 mm	1
406046	63 mm	1
406048	75 mm	1
406050	90 mm	1
406052	110 mm	1
406054	125 mm	1
406056	140 mm	1
406058	160 mm	1
406059	200 mm	1



TEE SOLVENT REDUCING

PRODUCT CODE	SIZE	MOQ
406191	25 x 20 mm	1
406193	40 x 32 mm	1
406195	50 x 20 mm	1
406197	63 x 25 mm	1

UPVC FITTINGS

UPVC pressure fittings are suitable for irrigation, portable water supply, chemical installation, water treatment, swimming pools and foodstuff industries. Fittings can be used with any make of pipe made to the same international standards ISO727, DIN8063, UNI7442/75, KIWA54, NPT54/028, BS4361/1, and BS21 for the threaded range BSP. Working pressure 16 kg/cm² (227, 6 PSI) PN16.



SOCKET SOLVENT

PRODUCT CODE	SIZE	MOQ
406068	20 mm	1
406070	25 mm	1
406072	32 mm	1
406074	40 mm	1
406076	50 mm	1
406078	63 mm	1
406080	75 mm	1
406082	90 mm	1
406084	110 mm	1
406086	125 mm	1
406088	140 mm	1
406090	160 mm	1
406092	200 mm	1



SOCKET SOLVENT/BSP

PRODUCT CODE	SIZE	MOQ
409202	20 mm x 1/2"	1
409204	25 mm x 3/4"	1
409206	32 mm x 1"	1
409208	40 mm x 1-1/4"	1
409210	50 mm x 1-1/2"	1
409212	63 mm x 2"	1
409214	75 mm x 2-1/2"	1
409216	90 mm x 3"	1
409218	110 mm x 4"	1



SOCKET REDUCING SOLVENT

PRODUCT CODE	SIZE	MOQ
406098	25 x 20 mm	1
406099	32 x 20 mm	1
406100	32 x 25 mm	1
406101	40 x 20 mm	1
406105	40 x 25 mm	1
406102	40 x 32 mm	1
406103	50 x 20 mm	1
406107	50 x 25 mm	1
406109	50 x 32 mm	1
406104	50 x 40 mm	1
406111	63 x 25 mm	1
406113	63 x 32 mm	1
406121	63 x 40 mm	1
406106	63 x 50 mm	1
406123	75 x 40 mm	1
406125	75 x 50 mm	1
406108	75 x 63 mm	1
406127	90 x 40 mm	1
406129	90 x 50 mm	1
406131	90 x 63 mm	1
406110	90 x 75 mm	1
406133	110 x 63 mm	1
406135	110 x 75 mm	1
406112	110 x 90 mm	1
406114	125 x 110 mm	1
406115	140 x 110 mm	1
406116	140 x 125 mm	1
406137	160 x 110 mm	1



STUB SERRATED SOLVENT

PRODUCT CODE	SIZE	MOQ
406290	20 mm	1
406300	63 mm	1
406302	75 mm	1
406304	90 mm	1
406306	110 mm	1
406308	125 mm	1
406312	160 mm	1
406313	200 mm	1



CAP SOLVENT

PRODUCT CODE	SIZE	MOQ
406192	20 mm	1
406194	25 mm	1
406196	32 mm	1
406198	40 mm	1
406200	50 mm	1
406202	63 mm	1
406204	75 mm	1
406206	90 mm	1
406208	110 mm	1
406210	125 mm	1
406214	160 mm	1

UPVC FITTINGS

UPVC pressure fittings are suitable for irrigation, portable water supply, chemical installation, water treatment, swimming pools and foodstuff industries. Fittings can be used with any make of pipe made to the same international standards ISO727, DIN8063, UNI7442/75, KIWA54, NFT54/028, BS4361/1, and BS21 for the threaded range BSP. Working pressure 16 kg/cm² (227, 6 PSI) PN16.



ADAPTOR SOLVENT/BSP MALE

PRODUCT CODE	SIZE	MOQ
409246	20 x 25 mm x ½"	1
409248	20 x 25 mm x ¾"	1
409249	25 x 32 mm x ½"	1
409252	25 x 32 mm x ¾"	1
409254	25 x 32 mm x 1"	1
409253	32 x 25 mm x ¾"	1
409256	32 x 40 mm x ¾"	1
409258	32 x 40 mm x 1"	1
409260	32 x 40 mm x 1-¼"	1
409262	40 x 50 mm x 1"	1
409264	40 x 50 mm x 1-¼"	1
409266	40 x 50 mm x 1-½"	1
409268	50 x 63 mm x 1-¼"	1
409270	50 x 63 mm x 1-½"	1
409272	50 x 63 mm x 2"	1
409274	63 x 75 mm x 1-½"	1
409276	63 x 75 mm x 2"	1
409278	63 x 75 mm x 2-½"	1
409280	75 x 90 mm x 2"	1
409282	75 x 90 mm x 2-½"	1
409284	75 x 90 mm x 3"	1
409286	90 x 110 mm x 2-½"	1
409288	90 x 110 mm x 3"	1
409290	90 x 110 mm x 4"	1
409292	110 x 125 mm x 3"	1
409294	110 x 125 mm x 4"	1



ADAPTOR SOLVENT/BSP FEMALE

PRODUCT CODE	SIZE	MOQ
409302	20 mm x ½"	1
409303	20 mm x ½"	1
409304	20 mm x ¾"	1
409306	25 mm x ½"	1
409308	25 mm x ¾"	1
409310	25 mm x 1"	1
409312	32 mm x ¾"	1
409305	32 mm x 1"	1
409311	40 mm x 1"	1
409307	40 mm x 1-½"	1
409318	40 mm x 1-¼"	1
409320	50 mm x 1-¼"	1
409322	50 mm x 1-½"	1
409324	50 mm x 2"	1
409325	63 mm x 1-½"	1
409326	63 mm x 2"	1
409330	75 mm x 2-½"	1
409332	75 mm x 3"	1
409334	90 mm x 2-½"	1
409336	90 mm x 3"	1
409340	110 mm x 3"	1
409342	110 mm x 4"	1



BUSH REDUCING SOLVENT

PRODUCT CODE	SIZE	MOQ
406224	25 x 20 mm	1
406228	32 x 20 mm	1
406230	32 x 25 mm	1
406232	40 x 20 mm	1
406234	40 x 25 mm	1
406236	40 x 32 mm	1
406237	50 x 20 mm	1
406238	50 x 25 mm	1
406240	50 x 32 mm	1
406242	50 x 40 mm	1
406243	63 x 25 mm	1
406244	63 x 32 mm	1
406246	63 x 40 mm	1
406248	63 x 50 mm	1
406250	75 x 40 mm	1
406252	75 x 50 mm	1
406254	75 x 63 mm	1
406256	90 x 50 mm	1
406258	90 x 63 mm	1
406260	90 x 75 mm	1
406262	110 x 63 mm	1
406264	110 x 75 mm	1
406266	110 x 90 mm	1
406270	125 x 90 mm	1
406272	125 x 110 mm	1
406276	140 x 110 mm	1
406278	140 x 125 mm	1
406279	160 x 90 mm	1
406280	160 x 110 mm	1
406282	160 x 125 mm	1
406284	160 x 140 mm	1
406285	200 x 160 mm	1

CAMLOCK COUPLINGS

Camlocks also called cam and groove couplings, are a kind of hose coupling used to rapidly connect and disconnect fittings on piping or hose, they come in a variety of materials to be used with different media and a variety of sizes to accommodate hose or piping diameter. Camlock connectors are capable of carrying liquids, powders and granules and are interchangeable with all other cam and groove couplings made to the same standard (A-A-59326A – formally MIL-C-27487), [1] ensuring compatibility with couplings made to the same specification.



CAMLOCK PP TYPE A MALE ADAPTOR X FEMALE BSP

PP TYPE "A", has a male camlock end and a female pipe thread (BSP or NPT thread) of the same size.

PRODUCT CODE	SIZE	MOQ
TA020P	Type A 20 mm	1
TA025P	Type A 25 mm	1
TA032P	Type A 32 mm	1
TA040P	Type A 40 mm	1
TA050P	Type A 50 mm	1
TA065P	Type A 65 mm	1
TA080P	Type A 80 mm	1
TA100P	Type A 100 mm	1



CAMLOCK PP TYPE B FEMALE COUPLER X MALE BSP

PP TYPE "B", has a female camlock end and a male pipe thread of the same size.

PRODUCT CODE	SIZE	MOQ
TB020P	Type B 20 mm	1
TB025P	Type B 25 mm	1
TB032P	Type B 32 mm	1
TB040P	Type B 40 mm	1
TB050P	Type B 50 mm	1
TB065P	Type B 65 mm	1
TB080P	Type B 80 mm	1
TB100P	Type B 100 mm	1



CAMLOCK PP TYPE C FEMALE COUPLER X HOSE TAIL

PP TYPE "C", has a female camlock end and a male hose tail on the other.

PRODUCT CODE	SIZE	MOQ
TC020P	Type C 20 mm	1
TC025P	Type C 25 mm	1
TC032P	Type C 32 mm	1
TC040P	Type C 40 mm	1
TC050P	Type C 50 mm	1
TC065P	Type C 65 mm	1
TC080P	Type C 80 mm	1
TC100P	Type C 100 mm	1



CAMLOCK PP TYPE D FEMALE COUPLER X FEMALE BSP

PP TYPE "D", has a female camlock end and a female pipe thread of the same size.

PRODUCT CODE	SIZE	MOQ
TD020P	Type D 20 mm	1
TD025P	Type D 25 mm	1
TD032P	Type D 32 mm	1
TD040P	Type D 40 mm	1
TD050P	Type D 50 mm	1
TD065P	Type D 65 mm	1
TD080P	Type D 80 mm	1
TD100P	Type D 100 mm	1



CAMLOCK PP TYPE DC FEMALE END CAP

PP TYPE "DC" is an end cap with female camlock.

PRODUCT CODE	SIZE	MOQ
TDC020P	Type DC 20 mm	1
TDC025P	Type DC 25 mm	1
TDC032P	Type DC 32 mm	1
TDC040P	Type DC 40 mm	1
TDC050P	Type DC 50 mm	1
TDC065P	Type DC 65 mm	1
TDC080P	Type DC 80 mm	1
TDC100P	Type DC 100 mm	1



CAMLOCK PP TYPE DP MALE END CAP

PP TYPE "DP" is an end cap with male camlock.

PRODUCT CODE	SIZE	MOQ
TDP020P	Type DP 20 mm	1
TDP025P	Type DP 25 mm	1
TDP032P	Type DP 32 mm	1
TDP040P	Type DP 40 mm	1
TDP050P	Type DP 50 mm	1
TDP065P	Type DP 65 mm	1
TDP080P	Type DP 80 mm	1
TDP100P	Type DP 100 mm	1

CAMLOCK COUPLINGS

Camlocks also called cam and groove couplings, are a kind of hose coupling used to rapidly connect and disconnect fittings on piping or hose, they come in a variety of materials to be used with different media and a variety of sizes to accommodate hose or piping diameter. Camlock connectors are capable of carrying liquids, powders and granules and are interchangeable with all other cam and groove couplings made to the same standard (A-A-59326A – formally MIL-C-27487), [1] ensuring compatibility with couplings made to the same specification.



CAMLOCK PP TYPE E MALE
ADAPTOR X HOSE TAIL

PP TYPE “E”, has a male camlock end and a male hose tail on the other.

PRODUCT CODE	SIZE	MOQ
TE020P	Type E 20 mm	1
TE025P	Type E 25 mm	1
TE032P	Type E 32 mm	1
TE040P	Type E 40 mm	1
TE050P	Type E 50 mm	1
TE065P	Type E 65 mm	1
TE080P	Type E 80 mm	1
TE100P	Type E 100 mm	1



CAMLOCK PP TYPE F MALE
ADAPTOR X MALE BSP

PP TYPE “F”, has a male camlock end and a male pipe thread of the same size.

PRODUCT CODE	SIZE	MOQ
TF020P	Type F 20 mm	1
TF025P	Type F 25 mm	1
TF032P	Type F 32 mm	1
TF040P	Type F 40 mm	1
TF050P	Type F 50 mm	1
TF065P	Type F 65 mm	1
TF080P	Type F 80 mm	1
TF100P	Type F 100 mm	1

05 IRRIGATION FITTINGS



**DRIP COUPLING MULTI-OUTLET 6
DRIP PIPE**

Provide for up to a maximum of six outlets from a sub-line to dripper lines.

PRODUCT CODE	SIZE	MOQ
0670	12 mm Drip Pipe	10
0671	16 mm Drip Pipe	10



**DRIP SADDLE COMBINATION NO
GROMMET**

Adapter from poly-submain to a 15 mm or 20 mm polyline.

PRODUCT CODE	SIZE	MOQ
0402	12 x 16 mm (DRIP)	10
0401	15 x 20 mm (LDPE)	10



**DRIP SADDLE COMBINATION NO
NUT**

Adapter from poly-submain to a 15 mm or 20 mm polyline.

PRODUCT CODE	SIZE	MOQ
0400	15 x 20 mm (LDPE)	10



**DRIP SADDLE COMBINATION WITH
NUT**

Adapter from poly-sub main to 12 mm or 16 mm dripper line.

PRODUCT CODE	SIZE	MOQ
D/SADDLE	12 x 16 mm	1



**DRIP SADDLE COMBINATION WITH
NO NUT**

Adapter from poly-sub main to 12 mm or 16 mm dripper line.

PRODUCT CODE	SIZE	MOQ
0673	12 x 16 mm Drip	1



**DRIP SADDLE COMBINATION NUT
ONLY**

Combination saddle pieces are attached to pipe with nut.

PRODUCT CODE	MOQ
0410	10



DRIP TEE INSERT LONG

Use as tee with dripper pipe.

PRODUCT CODE	SIZE	MOQ
DINSTL12	12 x 12 x 12 mm	1
DINSTL16	16 x 16 x 16 mm	1



DRIP ELBOW INSERT LONG

Used as bend coupling with dripper pipe.

PRODUCT CODE	SIZE	MOQ
INSEL16	16 mm	1



VALVE AIR PLASTIC

Practical and economical valve that releases air from water pipes.

PRODUCT CODE	SIZE	MOQ
50600	15 mm	1



DRIP COUPLING INSERT

To connect or join dripper line.

PRODUCT CODE	SIZE	MOQ
DINSC12	Long 12 mm	1
DINSC16MM	Short 16 mm	1
DINSC16	Long 16 mm	1
INSCL17MM	Long 17 mm	1



DRIP COUPLING REDUCING INSERT

To connect or join dripper line.

PRODUCT CODE	SIZE	MOQ
DINSC1612	Reducing Short 16 mm	1



DRIP HEAD CONNECTOR

Used with gasket for PVC or without for poly-pipe.

PRODUCT CODE	SIZE	MOQ
PLD40081160	16 mm	1
PLD40081170	17 mm	1



HEAD CONNECTOR GASKET

Gasket for head connectors: codes PLD40081160 and PLD40081170

PRODUCT CODE	MOQ
PLD399900100A	1



DRIP ENDLINE

Ties off the end of a dripper pipe.

PRODUCT CODE	SIZE	MOQ
DINST/ST	16 x 12 mm	1



DRIP GROMMET RUBBER FOR COMBINATION SADDLE

Rubber grommet used in combination with saddle pieces on PVC pipe.

PRODUCT CODE	MOQ
0480	10



MAMBA GROMMET RUBBER

Creates a well sealed connection from a PVC pipe with a coupling.

PRODUCT CODE	SIZE	MOQ
0404	No 3 12 mm (13.5 mm Drill)	1
0405	No 5 15 mm (19 mm Drill)	1
0406	No 6 20 mm (25 mm Drill)	1
0407	No 8 25 mm (13.5 mm Drill)	1



PRESSURE CHECK POINT 8 MM BSP

Check pressure on pipelines with pressure check needle. Pressure check needle at code F1784.

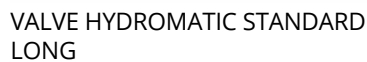
PRODUCT CODE	MOQ
F1782 - 8 mm BSP	1
F1786 - Rubber	1
F1784 - Needle only	1



VALVE HYDROMATIC SHORT NYLON

Practical and economical valve that releases air from water pipes.

PRODUCT CODE	MOQ
710-A-44N	1



PRODUCT CODE	SIZE	MOQ
710-A-4765	25 mm - Long	1



PRODUCT CODE	SIZE	MOQ
710-A-45N	20 mm	1

* Non-Stock item: Special order required

PRODUCT CODE	SIZE	MOQ
U68-910050	50 x 50 mm	1
U68-910076	75 x 50 mm	1
U68-910075	75 x 80 mm	1
U68-910090	90 x 80 mm	1
U68-910110	110 x 100 mm	1

PRODUCT CODE	SIZE	MOQ
U68-900050	50 x 50 mm	1
U68-900063	63 x 50 mm	1
U68-900076	75 x 50 mm	1
U68-900075	75 x 80 mm	1
U68-900090	90 x 80 mm	1
U68-900111	110 x 80 mm	1

PRODUCT CODE	SIZE	MOQ
U68-890050	50 mm	1
U68-890063	63 mm	1
U68-890075	75 mm	1
U68-890090	90 mm	1
U68-890110	110 mm	1
U68-890125	125 mm	1
U68-890140	140 mm	1

PRODUCT CODE	SIZE	MOQ
U68-950160	160 x 140 mm	1

JIS Steel fittings attached by butt welding to ordinary piping carrying steam, water, oil, gas, air etc. of comparatively low working pressure.

REDUCER ECCENTRIC LONG JISREDUCER CONCENTRIC JIS

TEE JIS

BEND 45° JIS

Non-Stock items: Special order required



**ROTO QUIP BULKHEAD FITTING
MALE**

Roto Quip male bulkhead fittings are manufactured from virgin UV stabilized polypropylene and use a chemical resistant TPE seal. These fittings offer a male BSP thread only. Please contact us to confirm compatibility with a specific chemical.

PRODUCT CODE	SIZE	MOQ
TB050/0015	15 mm	1
TB050/0020	20 mm	1
51505	25 mm	1
TB050/0032	32 mm	1
51504	40 mm	1
51503	80 mm	1



**ROTO QUIP BULKHEAD FITTING
MALE**

Roto Quip male bulkhead fittings are manufactured from virgin UV stabilized polypropylene and use a chemical resistant TPE seal. These fittings offer both a male and female BSP thread. Please contact us to confirm compatibility with a specific chemical.

PRODUCT CODE	SIZE	MOQ
TB056X0040X0025	40/25 mm	1
51501	50/40 mm	1



**ROTO QUIP BULKHEAD FITTING
TWO WAY FEMALE**

Roto Quip female bulkhead fittings are manufactured from virgin UV stabilized polypropylene and use a chemical resistant TPE seal. These fittings offer a female BSP thread only. Please contact us to confirm compatibility with a specific chemical.

PRODUCT CODE	SIZE	MOQ
51506	40 mm	1



COUPLING TANK PVC

Plastic connection with BSP thread used for water tank outlets.

PRODUCT CODE	SIZE	MOQ
407PVC-INL	40-50 mm	1



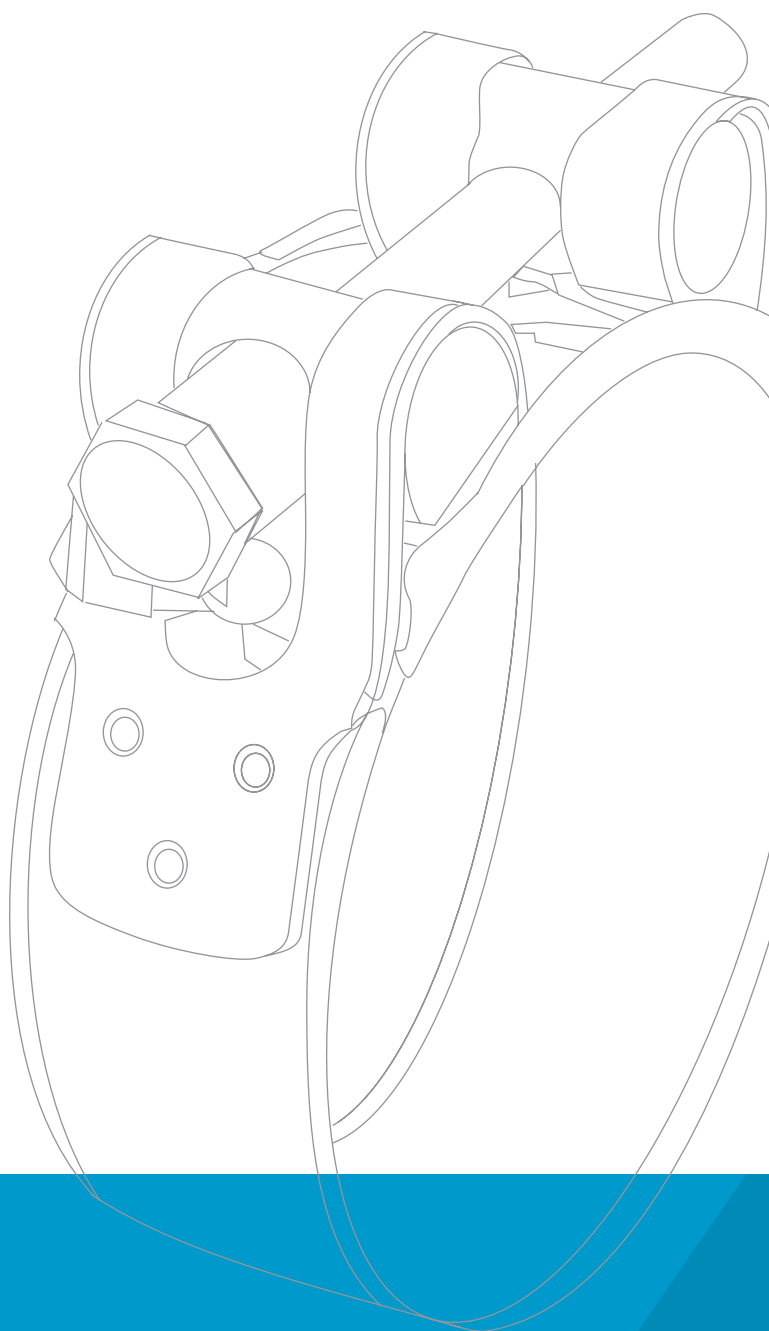
TANK CONNECTOR SHORT

Tank connector short medium duty with BSP thread 50mm male to 40mm female.

PRODUCT CODE	SIZE	MOQ
TC50/40	50 mm MALE to 40 mm FEMALE	1

Blank lined area for notes or specifications.

IRRIGATION CLAMPS





CLAMP MEDIUM DUTY

Galvanised medium-duty clamps for hoses and other types of pipe.

PRODUCT CODE	SIZE	MOQ
333030-034	30-34 mm	10
333034-038	34-38 mm	10
333037-041	37-41 mm	10
333043-048	43-48 mm	10
333054-062	54-62 mm	1
333078-086	78-86 mm	1
333086-094	86-94 mm	1
333102-110	102-110 mm	1
333118-126	118-126 mm	1



CLAMP UTILITY

Galvanised utility clamps for hoses and other types of pipe.

PRODUCT CODE	SIZE	MOQ
334011-015	11-15 mm	20
334014-018	14-18 mm	20
334017-021	17-21 mm	20
334020-024	20-24 mm	20
334023-027	23-27 mm	20
334026-030	26-30 mm	20
334029-034	29-34 mm	20
334033-037	33-37 mm	20
334037-042	37-42 mm	20
334041-046	41-46 mm	20
334045-051	45-51 mm	20
334050-056	50-56 mm	20
334055-061	55-61 mm	20



CLAMP P-R

Galvanised heavy-duty clamps for CLASS 3 low-density polyethylene pipe.

PRODUCT CODE	SIZE	MOQ
335020	20 mm	10
335025	25 mm	10
335032	32 mm	10
335040	40 mm	10
335050	50 mm	1
335065	65 mm	10
335080	80 mm	10



CLAMP HEAVY DUTY

Galvanised heavy-duty clamps for hoses and other types of pipe.

PRODUCT CODE	SIZE	MOQ
336C082-096	82-96 mm	1
336C094-108	94-108 mm	1
336C106-120	106-120 mm	1
336C112-126	112-126 mm	1
336C118-132	118-132 mm	1
336C142-156	142-156 mm	1
336C154-168	154-168 mm	1
336C166-180	166-180 mm	1
336C178-192	178-192 mm	1
336C202-216	202-216 mm	1
336C226-240	226-240 mm	1



CLAMP UTILITY 2 PIECE PREPACK

Pre-packed clamps for hoses and other types of pipe.

PRODUCT CODE	SIZE	MOQ
334040-045P	40-45 mm	1
334046-052P	46-52 mm	1
334054-061P	54-61 mm	1
334057-082P	57 x 82 mm	1
334058-066P	58-66 mm	1
334063-089P	63 x 89 mm	1
334065-072P	65-72 mm	1
334089-114P	89 x 114 mm	1
334089-114SSP	89 x 114 mm SS	1



CLAMP COMPOSITE 3 PIECE PREPACK

Pre-packed clamps for hoses and other types of pipe.

PRODUCT CODE	SIZE	MOQ
334004-012P	4 x 12 mm	1
334006-017P	6 x 17 mm	1
334010-017P	10 x 22 mm	1
334014-027P	14 x 27 mm	1
334014-032P	14 x 32 mm	1
334017-038P	17 x 38 mm	1
334019-044P	19 x 44 mm	1
334025-051P	25 x 51 mm	1
334032-057P	32 x 57 mm	1
334038-063P	38 x 63 mm	1
334044-070P	44 x 70 mm	1
334076-102P	76 x 102 mm	1
334102-127P	102 x 127 mm	1



CLAMP UTILITY 3 PIECE PREPACK

Pre-packed clamps for hoses and other types of pipe.

PRODUCT CODE	SIZE	MOQ
334017-021P	17-21 mm	1
334023-027P	23-27 mm	1
33423-027P	23-27 mm	1
334029-034P	29-34 mm	1
334037-042P	37-42 mm	1
334041-046P	41-46 mm	1



CLAMP HOSE STAINLESS STEEL

General purpose clamps for use on irrigation, garden and automotive hoses. Stainless steel for added rust protection. Recommended for use underground.

PRODUCT CODE	SIZE	MOQ
HW2522453	6 x 17	10
HW2522535	10 x 22	10
HW2522573	15 x 27	10
HW2522675	14 x 32	10
HW2522718	17 x 38	10
HW2522810	19 x 44	10
HW2522888	25 x 51	10
HW2522915	38 x 63	10
HW2522969	51 x 76	10
HW2523041	57 x 82	10
HW2523108	70 x 95	10
HW2523248	89 x 114	1
HW2523388	114 x 140	10



CLAMP 1B

Galvanised heavy duty clamps for CLASS 6 low-density polyethylene pipe.

PRODUCT CODE	SIZE	MOQ
340032	32 mm	10
340040	40 mm	10
340050	50 mm	1
340065	65 mm	10
340080	80 mm	10



CLAMP HOSE GALVANISED

General purpose clamps for use on irrigation, garden and automotive hoses such as radiator tube.

PRODUCT CODE	SIZE	MOQ
HW2520109	6 x 17	10
HW2520397	6 x 22	10
HW2520532	14 x 27	10
HW2520672	14 x 32	10
HW2520966	17 x 38	10
HW2521237	19 x 44	10
HW2521292	25 x 51	10
A0750/0006	32-57 mm	10
HW2521385	38 x 63	10
HW2521461	44 x 70	10
HW2521520	51 x 76	10
HW2521679	57 x 82	10
HW2521683	63 x 89	10
HW2521814	70 x 95	10
HW2521962	76 x 102	10
HW2522101	89 x 114	10
HW2522241	102 x 127	10
HW2522381	114 x 140	10



CLAMP HOSE GALVANISED

General purpose galvanised clamps for use on irrigation, garden and automotive hoses. Stainless steel for added rust protection. Recommended for use underground. Steel band and bolt.

PRODUCT CODE	SIZE	MOQ
HC1016	10-16 / 9 mm	1
HC1319	12-20 / 9 mm	1
HC1627	16-27 / 9 mm	1
HC2540	25-40 / 12 mm	1
HC3250	32-50 / 12 mm	1
HC4060	40-60 / 12 mm	1
HC5070	50-70 / 12 mm	1
HC7090	70-90 / 12 mm	1
HC80100	80-100 / 12 mm	1
HC90110	90-110 / 12 mm	1
HC100120	100-120 / 12 mm	1



CLAMP HOSE HEAVY DUTY YZP

General purpose galvanised clamps for use on irrigation, garden and automotive hoses. Stainless steel for added rust protection. Recommended for use underground. Steel band and bolt.

PRODUCT CODE	SIZE	MOQ
RHC3639	36-39 mm	1
RHC4851	48-51 mm	1
RHC5255	52-55 mm	1
RHC6467	64-67 mm	1
RHC8085	80-85 mm	1



CLAMP EURO TYPE HOSE

Euro clamp made of SS201 stainless steel with steel bolt.

PRODUCT CODE	SIZE	MOQ
TB304C0001	4 x 12 mm	1
TB304C0004	10 x 22 mm	1
TB304C0006	10 x 27 mm	1
TB304C0008	14 x 27 mm	1
TB304C0012	17 x 32 mm	1
TB304C0016	17 x 38 mm	1
TB304C0020	21 x 44 mm	1
TB304C0024	25 x 51 mm	1
TB304C0032	38 x 63 mm	1
TB304C0036	44 x 70 mm	1
TB304C0040	52 x 76 mm	1
TB304C0044	59-83 mm 14 mm	1
TB304C0048	63 x 89 mm	1
TB304C0052	70 x 95 mm	1
TB304C0056	76 x 102 mm	1
TB304C0064	89 x 114 mm	1
TB304C0072	102 x 127 mm	1



CLAMP HOSE EXT HEAVY DUTY

Hose clamp heavy duty with hollow section on fastening part. Electro zinc plated. Steel band and bolt.

PRODUCT CODE	SIZE	MOQ
EHD1719	17-19 mm	1
EHD2022	20-22 mm	1
EHD2325	23-25 mm	1
EHD2628	26-28 mm	1
EHD2931	29-31 mm	1
EHD3235	32-35 mm	1
EHD3639	36-39 mm	1
EHD4043	40-43 mm	1
EHD4447	44-47 mm	1
EHD4851	48-51 mm	1
EHD5255	52-55 mm	1
EHD5659	56-59 mm	1
EHD6063	60-63 mm	1
EHD6467	64-67 mm	1
EHD6873	68-73 mm	1
EHD7479	74-79 mm	1
EHD8085	80-85 mm	1
EHD8691	86-91 mm	1
EHD9297	92-97 mm	1
EHD98103	98-103 mm	1
EHD113121	113-121 mm	1
EHD131139	131-139 mm	1
EHD140148	140-148 mm	1
EHD162174	162-174 mm	1
EHD175187	175-187 mm	1



THOMAS UNIFIT COUPLER

UNIFIT products are designed to accommodate plain ended pipes with different outside diameters. This reduces the need for stock holding as a single coupling is able to connect pipes of different materials such as steel, PVC, ductile iron and others. The Thomas UNIFIT range is manufactured to strict quality specification and conforms to the various SABS standards for couplings such as SABS 1808 part 2. HDG bolts.

PRODUCT CODE	SIZE	MOQ
TC0050	59-73 mm	1
TC0065	72-85 mm	1
TC0080	88-103 mm	1
TC0100	98-118 mm	1
TC0100-2	108-128 mm	1
TC0125	132-154 mm	1
TC0150	150-170 mm	1
TC0150-2	159-182 mm	1
TC0150-3	180-194 mm	1
TC0175	192-209 mm	1
TC0200	218-235 mm	1
TC0225	235-252 mm	1
TC0225-2	250-267 mm	1
TC0250	271-289 mm	1
TC0300	302-318 mm	1
TC0300-2	315-332 mm	1
TC0350	344-360 mm	1
TC0400-2	401-417 mm	1
TC0600	600-614 mm	1



THOMAS FLANGE UNIVERSAL ADAPTER

Universal flange adapters are designed for use on air, water, sewer and gas pipelines. The adapters fit a variety of pipe sizes, thus dramatically reducing the number of product to be stocked for maintenance purposes. The adapters are suitable for steel, PVC, ductile iron, asbestos cement, GRP, cast iron and concrete pipes. The greatest benefit of a universal adapter is the universal drilling, each adapter will fit both BS4505 PN10 and PN16, SABS T1000/3 and T1600/3 flange drilling, some cater for additional drilling such as BS10 Table D, E and F or ANSI flange drilling, HDG Bolts. Ductile iron.

PRODUCT CODE	SIZE	MOQ
TUF0080	88-103 mm	1
TUF0100	98-118 mm	1
TUF0125	132-154 mm	1
TUF0150	150-170 mm	1
TUF0150-2	159-182 mm	1
TUF0175	192-209 mm	1
TUF0200	218-235 mm	1
TUF0225	235-252 mm x 250	1
TUF0300-2	315-332 mm	1



THOMAS ULTRA CLAMP

Thomas ultra clamps are designed for use on air, water, sewer and gas pipelines. The clamps fit a variety of pipe sizes, thus dramatically reducing the number of product to be stocked for maintenance purposes. The clamps are suitable for steel, PVC, ductile iron, asbestos cement, GRP, cast iron and concrete pipes.

PRODUCT CODE	SIZE	MOQ
TUC1-0047-15	45-55 mm (150 mm)	1
TUC1-0060-15	59-67 mm (150 mm)	1
TUC1-0072-15	69-76 mm (150 mm)	1
TUC1-0088-15	87-93 mm (150 mm)	1
TUC1-0097-15	95-104 mm (150 mm)	1
TUC1-0110-20	104-113 mm (200 mm)	1
TUC1-0125-20	121-130 mm (200 mm)	1
TUC1-0140-20	136-142 mm (200 mm)	1
TUC1-0150-20	145-155 mm (200 mm)	1
TUC1-0157-20	150-161 mm (200 mm)	1
TUC1-0171-20	165-176 mm (200 mm)	1
TUC1-0178-20	174-183 mm (200 mm)	1
TUC1-0184-20	179-189 mm (200 mm)	1
TUC1-0193-20	188-199 mm (200 mm)	1
TUC1-0200-20	195-205 mm (200 mm)	1
TUC1-0223-20	218-228 mm (200 mm)	1
TUC1-0233-20	229-239 mm (200 mm)	1
TUC1-0243-20	236-245 mm (200 mm)	1
TUC1-0252-30	247-257 mm (300 mm)	1
TUC1-0276-30	271-281 mm (300 mm)	1
TUC1-0206-20	202-212 mm (300 mm)	1



THOMAS HALF CLAMP

Ultra half clamps are suitable for repairing small holes and leaks in all rigid pipe materials. Stainless steel.

PRODUCT CODE	SIZE	MOQ
TUH-0021-75	15-75 mm	1
TUH-0027-75	20-75 mm	1
TUH-0034-75	25-75 mm	1
TUH-0042-75	32-75 mm	1
TUH-0048-75	40-75 mm	1
TUH-0060-75	50-75 mm	1



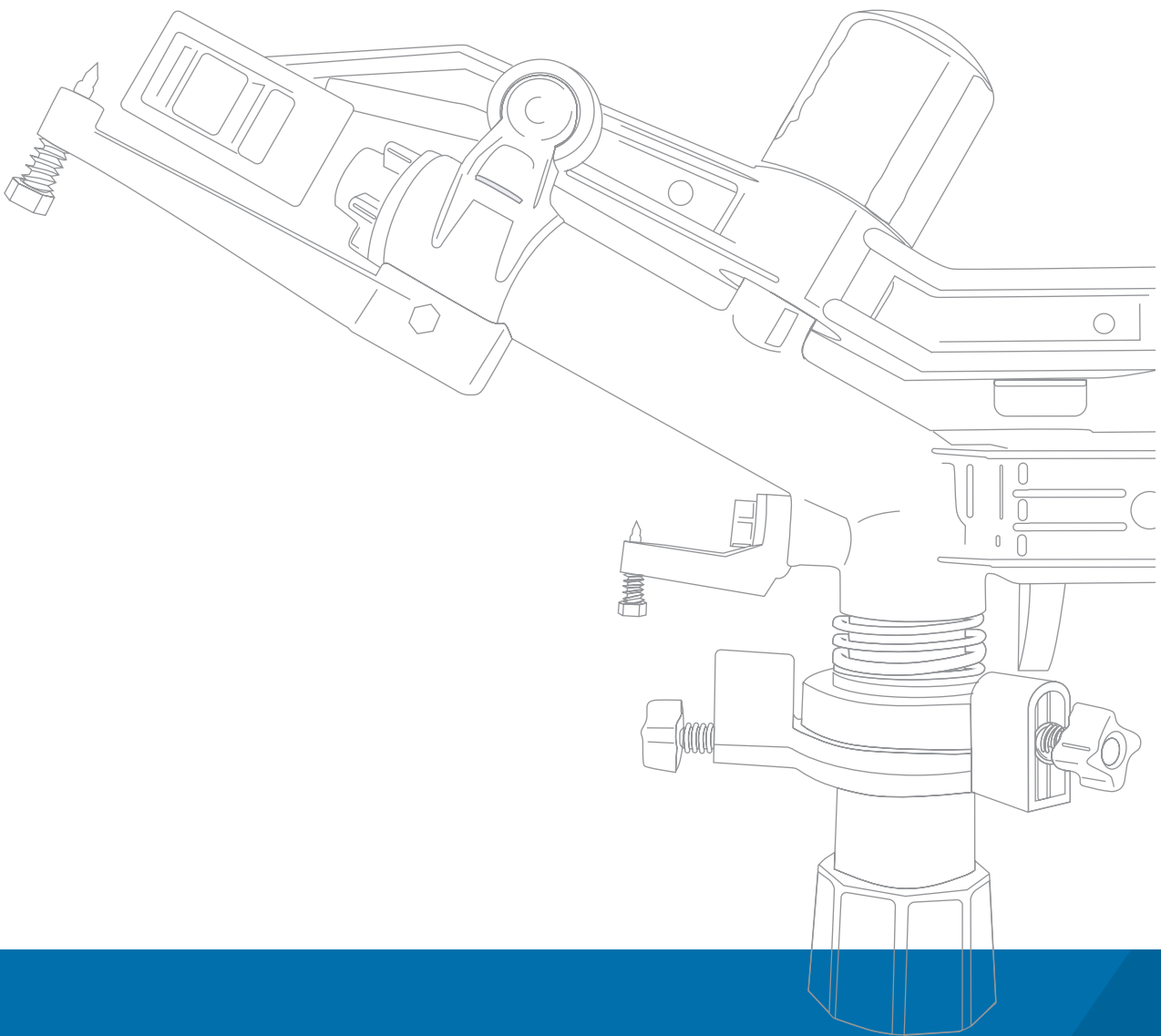
THOMAS ULTRA CLAMP

Thomas ultra clamps are designed for use on air, water, sewer and gas pipelines. The clamps fit a variety of pipe sizes, thus dramatically reducing the number of product to be stocked for maintenance purposes. The clamps are suitable for steel, PVC, ductile iron, asbestos cement, GRP, cast iron and concrete pipes.

**Non-stock items: Special order required*

CODE	CLAMP RANGE (mm)		SNB	STEEL	DI	PVC / HDPE	FIBRE CEMENT PIPES						GRP				FLOW- TITE
	VECTUS																
	MIN	MAX					COD	6	12	18	24	30	36	6	10	16	
TUC1-0049*	45	55	40	48.3 TUC1-0049													
TUC1-0062*	59	67															
TUC1-0072-15	69	76	50	60.3 TUC1-0062		50 TUC1-0049	69 TUC1-0072										
TUC1-0078*	75	83															
TUC1-0090*	87	93	65	76.1 TUC1-0078		63 TUC1-0062	82 TUC1-0078										
TUC1-0099*	95	104															
TUC1-0110-20	104	113	75		98 TUC1-0099	75 TUC1-0072	96 TUC1-0099										
TUC1-0116*	113	120															
TUC1-0125-20	121	130	80	88.9 TUC1-0090		90 TUC1-0090											
TUC1-0130*	126	136															
TUC1-0140-20	136	142	100		118 TUC1-0116	110 TUC1-0110	122 TUC1-0125										
TUC1-0150-20	145	155															
TUC1-0157-20	150	161	125	139.7 TUC1-0140		125 TUC1-0125	150 TUC1-0150										
TUC1-0167*	165	176															
TUC1-0178-20	174	183	140			140 TUC1-0140											
TUC1-0184*	179	189															
TUC1-0193-20	188	199	150		170 TUC1-0167	160 TUC1-0157	177 TUC1-0178		168 TUC1-0167	174 TUC1-0178	180 TUC1-0184	188 TUC1-0193	196 TUC1-0200				
TUC1-0200-20	195	205															
TUC1-0206*	202	212	175	193.7 TUC1-0193			205 TUC1-0206										
TUC1-0223-20	218	228															
TUC1-0233-20	229	238	200	219.1 TUC1-0223	222 TUC1-0223	200 TUC1-0200	232 TUC1-0233		222 TUC1-0223	229 TUC1-0233	239 TUC1-0241	250 TUC1-0252	262 TUC1-0263				
TUC1-0241*	236	245															
TUC1-0252-30	248	257	225	244 TUC1-0241			259 TUC1-0263										
TUC1-0263*	258	268															
TUC1-0276-30	271	281	250	273 TUC1-0276	274 TUC1-0276	250 TUC1-0252	286 TUC1-0287		274 TUC1-0276	284 TUC1-0287	295 TUC1-0299	304 TUC1-0309	318 TUC1-0315	258 TUC1-0263	258 TUC1-0263	260 TUC1-0263	262 TUC1-0263
TUC1-0287*	281	291															
TUC1-0299*	294	304	300	324 TUC1-0325	326 TUC1-0325	315 TUC1-0315	345 TUC1-0347		328 TUC1-0332	340 TUC1-0347	353 TUC1-0358	365 TUC2-0365	378 TUC2-0378	309 TUC1-0309	309 TUC1-0309	311 TUC1-0315	314 TUC1-0315
TUC1-0309*	304	314															
TUC1-0315*	310	320	350	356 TUC1-0358	378 TUC2-0378	355 TUC1-0358	399 TUC2-0399	378 TUC2-0378	382 TUC2-0382	396 TUC2-0396	412 TUC2-0412	426 TUC2-0426	440 TUC2-0440	359 TUC1-0358	360 TUC1-0358	363 TUC1-0358	365 TUC2-0365
TUC1-0325*	320	330															
TUC1-0332*	327	337															
TUC1-0347*	342	352															
TUC1-0358*	353	363															

IRRIGATION SPRINKLERS



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RAIN SPRINKLER 14 PLASTIC 360°

Top-quality agricultural sprinkler imported from Spain. Male screwed thread. Use nozzles ranging from 3.57 mm to 5.55 mm. Recommended spacing is 12 m to 18 m. Brass nozzle at code 668005. Brass spreader at code 668017. Nylon nozzle at code 668105. Nylon plug at code 668021. 360°. Made in Spain.

PRODUCT CODE	SIZE	MOQ
668003	20 mm	1

RAIN SPRINKLER 14 WITH SPREADER												
	3.57 x 2.38 mm		3.96 x 2.38 mm		4.36 x 2.38 mm		4.76 x 2.38 mm		5.15 x 2.38 mm		5.55 x 2.38 mm	
BAR	RAD	ℓ/h	RAD	ℓ/h	RAD	ℓ/h	RAD	ℓ/h	RAD	ℓ/h	RAD	ℓ/h
1.70	12.50	950	13.00	1096	13.50	1246	14.00	1393	14.50	1841	14.75	2065
2.00	13.00	1030	13.50	1185	14.00	1352	14.50	1518	15.00	2018	15.50	2254
2.50	13.50	1145	14.00	1329	14.50	1514	15.00	1706	15.50	2261	16.00	2544
3.00	13.75	1254	14.25	1452	14.75	1664	15.25	1875	15.75	2478	16.25	2794
3.50	14.00	1355	14.50	1568	15.00	1794	15.50	2031	16.00	2681	16.50	3030
4.00	14.25	1450	14.75	1671	15.25	1911	15.75	2175	16.25	2870	16.75	3233
4.50	14.50	1530	15.00	1767	15.50	2028	16.00	2300	16.50	3038	17.00	3375
5.00	14.50	1602	15.00	1835	15.50	2112	16.00	2400	16.75	3143	17.25	3455

— Optimum performance

RAIN SPRINKLER 14 WITH PLUG												
	3.57 mm		3.96 mm		4.36 mm		4.76 mm		5.15 mm		5.55 mm	
BAR	RAD	ℓ/h	RAD	ℓ/h	RAD	ℓ/h	RAD	ℓ/h	RAD	ℓ/h	RAD	ℓ/h
1.70	12.50	655	13.00	800	13.50	960	14.00	1115	14.50	1315	14.75	1530
2.00	13.00	710	13.50	865	14.00	1040	14.50	1215	15.00	1440	15.50	1670
2.50	13.50	790	14.00	970	14.50	1165	15.00	1365	15.50	1615	16.00	1885
3.00	13.75	865	14.25	1060	14.75	1280	15.25	1500	15.75	1770	16.25	2070
3.50	14.00	935	14.50	1145	15.00	1380	15.50	1625	16.00	1915	16.50	2245
4.00	14.25	1000	14.75	1220	15.25	1470	15.75	1740	16.25	2050	16.75	2395
4.50	14.50	1055	15.00	1290	15.50	1560	16.00	1840	16.50	2170	17.00	2500
5.00	14.50	1105	15.00	1340	15.50	1625	16.00	1920	16.75	2245	17.25	2560



RAIN SPRINKLER 15 BRASS 360°

Top quality agricultural sprinkler imported from Spain. 20 mm Male screwed thread. 360°. Throw range of 12 m to 18 m. Brass agricultural sprinkler for general irrigation applications. Use nozzles ranging from 3.57 mm to 5.55 mm. Recommended spacing is 12 m to 18 m. Nozzle not included. Brass nozzle at code 668005. Brass spreader at code 668017. Nylon nozzle at code 668105. Nylon plug at code 668021. 360°. Made in Spain.

PRODUCT CODE	SIZE	MOQ
668001	20 mm	1

RAIN SPRINKLER 15 WITH SPREADER												
	3.57 x 2.38 mm		3.96 x 2.38 mm		4.36 x 2.38 mm		4.76 x 2.38 mm		5.15 x 2.38 mm		5.55 x 2.38 mm	
BAR	RAD	ℓ/h	RAD	ℓ/h	RAD	ℓ/h	RAD	ℓ/h	RAD	ℓ/h	RAD	ℓ/h
1.70	12.50	950	13.00	1096	13.50	1246	14.00	1393	14.50	1841	14.75	2065
2.00	13.00	1030	13.50	1185	14.00	1352	14.50	1518	15.00	2018	15.50	2254
2.50	13.50	1145	14.00	1329	14.50	1514	15.00	1706	15.50	2261	16.00	2544
3.00	13.75	1254	14.25	1452	14.75	1664	15.25	1875	15.75	2478	16.25	2794
3.50	14.00	1355	14.50	1568	15.00	1794	15.50	2031	16.00	2681	16.50	3030
4.00	14.25	1450	14.75	1671	15.25	1911	15.75	2175	16.25	2870	16.75	3233
4.50	14.50	1530	15.00	1767	15.50	2028	16.00	2300	16.50	3038	17.00	3375
5.00	14.50	1602	15.00	1835	15.50	2112	16.00	2400	16.75	3143	17.25	3455

— Optimum performance

RAIN SPRINKLER 15 WITH PLUG												
	3.57 mm		3.96 mm		4.36 mm		4.76 mm		5.15 mm		5.55 mm	
BAR	RAD	ℓ/h	RAD	ℓ/h	RAD	ℓ/h	RAD	ℓ/h	RAD	ℓ/h	RAD	ℓ/h
1.70	12.50	655	13.00	800	13.50	960	14.00	1115	14.50	1315	14.75	1530
2.00	13.00	710	13.50	865	14.00	1040	14.50	1215	15.00	1440	15.50	1670
2.50	13.50	790	14.00	970	14.50	1165	15.00	1365	15.50	1615	16.00	1885
3.00	13.75	865	14.25	1060	14.75	1280	15.25	1500	15.75	1770	16.25	2070
3.50	14.00	935	14.50	1145	15.00	1380	15.50	1625	16.00	1915	16.50	2245
4.00	14.25	1000	14.75	1220	15.25	1470	15.75	1740	16.25	2050	16.75	2395
4.50	14.50	1055	15.00	1290	15.50	1560	16.00	1840	16.50	2170	17.00	2500
5.00	14.50	1105	15.00	1340	15.50	1625	16.00	1920	16.75	2245	17.25	2560

— Optimum performance



RAIN SPRINKLER 11 PLASTIC 360°

Quality sprinkler made of Delrin plastic, imported from Spain. Full circle sprinkler. 15 mm Male thread. Stainless steel spring. Deflector screw. Range nozzle of 3.57 mm as standard. Watering distance 11 m at 2 bar pressure. Nozzle included. Made in Spain.

	2.8 mm 7/64"		3.17 mm 1/8"		3.57 mm 9/64"		3.96 mm 5/32"	
BAR	RAD (m)	Q (ℓ/h)	RAD (m)	Q (ℓ/h)	RAD (m)	Q (ℓ/h)	RAD (m)	Q (ℓ/h)
1.50	8.9	370	9.5	470	10.5	580	10.5	750
2.00	10.1	420	10	540	11	670	11.5	830
2.50	10.5	470	10.5	590	11.5	740	12	940
3.00	10.8	520	11	650	11.5	810	12	1030
3.50	10.8	580	11.5	720	12	870	12.5	1080
4.00	11.50	600	12.2	770	12.5	920	13	1120

— Optimum performance

PRODUCT CODE	SIZE	MOQ
668004	15 mm	1

RAIN SPRINKLER 13 PLASTIC ADJUSTABLE 15 MM

Quality sprinkler made of Delrin plastic, imported from Spain. Adjustable or full circle sprinkler. Stainless steel spring. Range nozzle 3.75 mm as standard. Watering distance 12 m at 2 bar. Made in Spain.

RAIN 13 @ 2.8 BAR		
NOZZLE 3.57 MM		
BAR	RAD (m)	ℓ/h
1.4	11	570
1.75	11	640
2.1	12	700
2.45	12	760
2.8	12	820
3.15	12	860
3.5	12	920



PRODUCT CODE	SIZE	MOQ
668006	15 mm	1

RAIN SPRINKLER 22 BRASS ADJUSTABLE 15 MM

Quality sprinkler made of solid brass imported from Spain. 15 mm Male thread. Adjustable or full circle sprinkler. Stainless steel spring. Range nozzle 3.75 mm as standard. Watering distance 12 m at 2 bar. Made in Spain.

RAIN 22 @ 2.8 BAR		
NOZZLE 3.57 MM		
BAR	RAD (m)	ℓ/h
1.4	11	570
1.75	11	640
2.1	12	700
2.45	12	760
2.8	12	820
3.15	12	860
3.5	12	920



PRODUCT CODE	SIZE	MOQ
668002	15 mm	1



- The nozzle sizes included in the prepack are:
- 3.57 mm, 4.36 mm, 4.76 mm, 5.15 mm, and 5.55 mm
- The spreader sizes are 2.38 mm and 3.17 mm
- A plug is also included for applications where a spreader is not required
- Even distribution and application rates
- Recommended spacing 12 m to 18 m for maximum application efficiency

RAIN 14 SPRINKLER PACKED WITH NOZZLES AND CAP

PRODUCT CODE: 668003P • SIZE: 20 mm • MOQ: 1

Rain sprinkler 14 360° packed with nozzles and cap.

PERFORMANCE TABLE

PERFORMANCE TABLE											
NOZZLE COLOUR	SPREADER COLOUR	P (bar)	FLOW RATE (ℓ/h)	D (ømm)	NOZZLE COLOUR	SPREADER COLOUR	P (bar)	FLOW RATE (ℓ/h)	D (ømm)		
3.2 PURPLE	2.4 RED	2.0	875	20.0	3.6 GREY	2.4 RED	2.0	1085	21.0		
		2.5	995	20.6			2.5	1205	21.6		
		3.0	1075	21.8			3.0	1345	22.1		
		3.5	1175	22.2			3.5	1455	22.6		
		4.0	1240	22.6			4.0	1555	23.0		
		4.5	1240	23.0			4.5	1650	23.4		
		5.0	1325	21.5			5.0	1730	23.8		
4.0 BLUE		2.0	1170	20.2	4.4 YELLOW		2.4 RED	2.0	1350	20.2	
		2.5	1310	20.8				2.5	1520	21.0	
		3.0	1430	21.6				3.0	1670	21.6	
		3.5	1565	22.2				3.5	1800	22.2	
		4.0	1650	22.8				4.0	1920	22.8	
		4.5	1770	23.4				4.5	2054	23.4	
4.8 RED		5.0	1855	23.8	5.2 GREEN			2.4 RED	5.0	2120	23.8
		2.0	1575	21.0					2.0	1745	21.2
		2.5	1730	21.8					2.5	1905	21.6
		3.0	1895	22.4					3.0	2075	22.2
		3.5	2035	23.0					3.5	2255	22.6
	4.0	2155	23.4	4.0		2410			23.2		
	4.5	2310	23.8	-		-			-		
	5.0	2405	24.2	-		-			-		

PERFORMANCE TABLE

PERFORMANCE TABLE									
NOZZLE COLOUR	SPREADER COLOUR	P (bar)	FLOW RATE (ℓ/h)	D (ømm)	NOZZLE COLOUR	SPREADER COLOUR	P (bar)	FLOW RATE (ℓ/h)	D (ømm)
3.2 PURPLE	PLUG	2.0	525	19.0	3.6 GREY	PLUG	2.0	810	20.6
		2.5	595	20.0			2.5	725	21.2
		3.0	645	20.6			3.0	800	22.0
		3.5	685	21.8			3.5	875	22.6
		4.0	735	22.6			4.0	965	22.8
		4.5	775	23.0			4.5	1020	23.2
		5.0	810	23.6			5.0	1145	24.0
4.0 BLUE		2.0	825	20.8	4.4 YELLOW		2.0	980	21.6
		2.5	915	21.4			2.5	1110	22.0
		3.0	1000	21.6			3.0	1200	22.5
		3.5	1070	21.8			3.5	1305	23.0
		4.0	1145	22.2			4.0	1400	23.8
		4.5	1205	22.5			4.5	1480	24.2
		5.0	1270	23.0			5.0	1570	24.6
4.8 RED		2.0	1210	20.4	5.2 GREEN		2.0	1355	21.4
		2.5	1315	21.2			2.5	1480	21.8
		3.0	1465	22.2			3.0	1630	22.4
		3.5	1565	22.8			3.5	1775	23.0
	4.0	1655	23.3	4.0		1895	23.5		
	4.5	1760	23.6	-		-	-		
	5.0	1860	24.0	-		-	-		

Water consumption: ℓ/h Wetted diameter: ø mm 75 cm Height 1 m²/h = 1 000 ℓ/h



- Full circle
- 20 mm - 3/4" male BSP
- Popular spacing 18 x 18 m

Coefficient of uniformity (Cu)

- 84% on 18 x 18 m – 11/64" x 3/32" @ 3.5 Bar
- 90% on 18 x 18 m – 9/64" x plug @ Bar

VYRSA SPRINKLER 70 BRASS 360°

PRODUCT CODE: 651070 • SIZE: 20 mm • MOQ: 1

Top quality agricultural sprinkler. See nozzles at part number 651071. 360 Degrees.

p	NOZZLE SIZE													
	5/32"		11/64"		3/16"		13/64"		7/32"		1/4"		9/32"	
	4.0 mm		4.4 mm		4.8 mm		5.2 mm		5.6 mm		6.4 mm		7.2 mm	
Bar	ℓ/h	ø m	ℓ/h	ø m	ℓ/h	ø m	ℓ/h	ø m	ℓ/h	ø m	ℓ/h	ø m	ℓ/h	ø m
2.45	940	29.0	1140	30.0	1360	30.2	1610	32.0	1880	32.4	2041	34.2	3000	36.0
3.15	1070	30.2	1290	31.4	1550	32.4	1830	33.2	2140	34.8	2750	36.8	3450	37.4
3.50	1130	30.6	1360	31.8	1630	32.6	1930	33.8	2240	35.6	2910	37.8	3630	38.6
4.20	1230	31.2	1490	32.4	1780	33.2	2090	34.8	2410	36.8	3160	39.0	3970	41.4
4.90	1350	31.8	1610	33.0	1920	33.8	2220	35.4	2560	37.5	3420	40.2	4170	43.4

p	NOZZLE SIZE													
	5/32" x 3/32"		11/64" x 3/32"		3/16" x 1/8"		13/64" x 1/8"		7/32" x 1/8"		1/4" x 1/8"		9/32" x 1/8"	
	4.0 x 2.4 mm		4.4 x 2.4 mm		4.8 x 3/2 mm		5.2 x 3.2 mm		5.6 x 3.2 mm		6.4 x 3.2 mm		7.2 x 3.2 mm	
Bar	ℓ/h	ø m	ℓ/h	ø m	ℓ/h	ø m	ℓ/h	ø m	ℓ/h	ø m	ℓ/h	ø m	ℓ/h	ø m
2.45	1290	29.0	1490	29.6	2000	31.0	2250	31.4	2510	32.4	3040	33.8	3670	34.4
3.15	1470	30.0	1690	31.2	2290	31.8	2560	32.6	2880	34.2	3490	36.2	4190	36.8
3.50	1550	30.2	1780	31.4	2400	32.2	2700	33.2	3010	35.0	3670	37.2	4420	38.2
4.20	1690	30.8	1940	32.2	2630	32.6	2950	34.1	3260	36.2	4010	38.4	4430	40.8
4.90	1830	31.4	2090	32.6	2810	33.2	3170	34.8	3490	36.8	4330	39.6	5230	42.8

Water consumption: ℓ/h Wetted diameter: ø m 1 m²/h = 1 000 ℓ/h



- Full circle
- 20 mm - 3/4" male BSP
- Popular spacing 12 x 18 m

Coefficient of uniformity (Cu)

- 86% on 12 x 18 m – 11/64" x 3/32" @ 3 Bar
- 87% on 18 x 18 m – 11/64" x 3/32" @ 3 Bar
- 92% on 12 x 18 m – 7/32" x 1/8" @ 3 Bar
- 90% on 18 x 18 m – 7/32" x 1/8" @ 3 Bar

VYRSA SPRINKLER 35 BRASS 360°

PRODUCT CODE: 651035 • SIZE: 20 mm • MOQ: 1

Top quality agricultural sprinkler. See nozzles at part number 651071. 360 Degrees.

p	NOZZLE SIZE											
	9/64"		5/32"		11/64"		3/16"		13/64"		7/32"	
	3.6 mm		4.0 mm		4.4 mm		4.8 mm		5.2 mm		5.6 mm	
Bar	ℓ/h	ø m	ℓ/h	ø m	ℓ/h	ø m	ℓ/h	ø m	ℓ/h	ø m	ℓ/h	ø m
1.75	660	26.2	800	27.8	960	29.4	1140	30.0	1340	30.8	1550	31.2
2.10	720	27.0	870	28.8	1050	30.0	1250	30.6	1480	31.4	1720	32.0
2.46	770	27.6	940	29.4	1140	30.6	1360	31.2	1610	32.0	1880	33.0
3.16	870	28.4	1070	30.2	1290	31.4	1550	32.4	1830	33.2	2140	34.8
3.51	920	28.8	1130	30.6	1360	31.8	1630	32.6	1930	33.8	2240	35.6
4.21	990	29.4	1230	31.2	1490	32.4	1780	33.2	2090	34.8	2410	36.8

p	NOZZLE SIZE											
	9/64" x 3/32"		5/32" x 3/32"		11/64" x 3/32"		3/16" x 1/8"		13/64" x 1/8"		7/32" x 1/8"	
	3.6 x 2.4 mm		4.0 x 2.4 mm		4.4 x 2.4 mm		4.8 x 3.2 mm		5.2 x 3.2 mm		5.6 x 3.2 mm	
Bar	ℓ/h	ø m	ℓ/h	ø m	ℓ/h	ø m	ℓ/h	ø m	ℓ/h	ø m	ℓ/h	ø m
1.75	920	26.2	1100	27.6	1250	29.0	1680	29.4	1880	30.2	2100	30.6
2.10	1000	27.0	1200	28.4	1380	29.6	1850	30.0	2080	30.8	2320	31.4
2.46	1090	27.6	1300	29.0	1490	30.2	2000	30.6	2260	31.4	2520	32.4
3.16	1250	28.4	1470	30.0	1690	31.2	2290	31.8	2570	32.6	2880	34.2
3.51	1330	28.8	1550	30.2	1790	31.4	2410	32.0	2700	33.2	3020	35.0
4.21	1440	29.4	1700	30.8	1950	32.0	2630	32.6	2950	34.2	3270	36.2

Water consumption: ℓ/h Wetted diameter: ø m 1 m²/h = 1 000 ℓ/h



- Full circle
- 20 mm - 3/4" male BSP
- Popular spacing 12 x 18 m

Coefficient of uniformity (Cu)

- 86% on 12 x 18 m – 11/64" x 3/32" @ 3 Bar
- 87% on 18 x 18 m – 11/64" x 3/32" @ 3 Bar
- 92% on 12 x 18 m – 7/32" x 1/8" @ 3 Bar
- 90% on 18 x 18 m – 7/32" x 1/8" @ 3 Bar

VYRSA SPRINKLER 36 PLASTIC 360°

PRODUCT CODE: 651036 • SIZE: 20 mm • MOQ: 1

Top quality agricultural sprinkler. See nozzles at part number 651071.

p	NOZZLE SIZE											
	9/64"		5/32"		11/64"		3/16"		13/64"		7/32"	
	3.6 mm		4.0 mm		4.4 mm		4.8 mm		5.2 mm		5.6 mm	
Bar	ℓ/h	ø m	ℓ/h	ø m	ℓ/h	ø m	ℓ/h	ø m	ℓ/h	ø m	ℓ/h	ø m
1.75	660	26.2	800	27.8	960	29.4	1140	30.0	1340	30.8	1550	31.2
2.10	720	27.0	870	28.8	1050	30.0	1250	30.6	1480	31.4	1720	32.0
2.46	770	27.6	940	29.4	1140	30.6	1360	31.2	1610	32.0	1880	33.0
3.16	870	28.4	1070	30.2	1290	31.4	1550	32.4	1830	33.2	2140	34.8
3.51	920	28.8	1130	30.6	1360	31.8	1630	32.6	1930	33.8	2240	35.6
4.21	990	29.4	1230	31.2	1490	32.4	1780	33.2	2090	34.8	2410	36.8

p	NOZZLE SIZE											
	9/64" x 3/32"		5/32" x 3/32"		11/64" x 3/32"		3/16" x 1/8"		13/64" x 1/8"		7/32" x 1/8"	
	3.6 x 2.4 mm		4.0 x 2.4 mm		4.4 x 2.4 mm		4.8 x 3.2 mm		5.2 x 3.2 mm		5.6 x 3.2 mm	
Bar	ℓ/h	ø m	ℓ/h	ø m	ℓ/h	ø m	ℓ/h	ø m	ℓ/h	ø m	ℓ/h	ø m
1.75	920	26.2	1100	27.6	1250	29.0	1680	29.4	1880	30.2	2100	30.6
2.10	1000	27.0	1200	28.4	1380	29.6	1850	30.0	2080	30.8	2320	31.4
2.46	1090	27.6	1300	29.0	1490	30.2	2000	30.6	2260	31.4	2520	32.4
3.16	1250	28.4	1470	30.0	1690	31.2	2290	31.8	2570	32.6	2880	34.2
3.51	1330	28.8	1550	30.2	1790	31.4	2410	32.0	2700	33.2	3020	35.0
4.21	1440	29.4	1700	30.8	1950	32.0	2630	32.6	2950	34.2	3270	36.2

Water consumption: ℓ/h Wetted diameter: ø m 1 m²/h = 1 000 ℓ/h



APPLICATION

- Complete AF160B impact sprinkler FC 20 mm with male thread
- Packed with bayonet nozzles, 2.4 mm spreader and plug. Main nozzle sizes; 3.2 mm, 3.6 mm, 4 mm, 4.4 mm, 4.8 mm and 5.2 mm included in packaging
- Flow rates vary between 525 ℓ/hour and 2410 ℓ/hour with wetted diameters of between 19 and 24 meters, depending on the nozzle and spreader combination
- Sprinkler operating pressure between 2 and 5 bar



BAYONET AF160B NOZZLE

Clip in nozzle.

PRODUCT CODE	SIZE	COLOUR	MOQ
PPRCB32	1/8 3.2 mm	PURPLE	1
PPRCB36	9/64 3.6 mm	GREY	1
PPRCB40	5/32 4.0 mm	BLUE	1
PPRCB44	11/64 4.4 mm	YELLOW	1
PPRCB48	3/16 4.8 mm	RED	1
PPRCB52	13/64 5.2 mm	GREEN	1



BAYONET AF160B NOZZLE SPREADER

Clip in spreader nozzle 2.4 mm for AF160B 20 mm male thread FC impact plastic sprinkler. Used on the spreader outlet of the sprinkler to increase water application efficiency. Replacing the plug with the spreader nozzle will decrease the wetted diameter slightly and will increase the flow rate of the sprinkler.

PRODUCT CODE	SIZE	MOQ
PPRCBSPR24	2.4 mm	1

SPRINKLER AF160B COMPLETE WITH NOZZLES AND PLUG

PRODUCT CODE: PPAF160B • SIZE: 20 mm • MOQ: 1

PERFORMANCE TABLE

NOZZLE COLOUR	SPREADER COLOUR	P (bar)	FLOW RATE (ℓ/h)	D (ø m)	NOZZLE COLOUR	SPREADER COLOUR	P (bar)	FLOW RATE (ℓ/h)	D (ø m)
3.2 PURPLE	2.4 RED	2.0	875	20.0	3.6 GREY	2.4 RED	2.0	1085	21.0
		2.5	995	20.6			2.5	1205	21.6
		3.0	1075	21.8			3.0	1345	22.1
		3.5	1175	22.2			3.5	1455	22.6
		4.0	1240	22.6			4.0	1555	23.0
		4.5	1240	23.0			4.5	1650	23.4
		5.0	1325	21.5			5.0	1730	23.8
4.0 BLUE		2.0	1170	20.2	4.4 YELLOW		2.0	1350	20.2
		2.5	1310	20.8			2.5	1520	21.0
		3.0	1430	21.6			3.0	1670	21.6
		3.5	1565	22.2			3.5	1800	22.2
		4.0	1650	22.8			4.0	1920	22.8
		4.5	1770	23.4			4.5	2054	23.4
		5.0	1855	23.8			5.0	2120	23.8
4.8 RED		2.0	1575	21.0	5.2 GREEN		2.0	1745	21.2
		2.5	1730	21.8			2.5	1905	21.6
		3.0	1895	22.4			3.0	2075	22.2
		3.5	2035	23.0			3.5	2255	22.6
		4.0	2155	23.4			4.0	2410	23.2
		4.5	2310	23.8			-	-	-
		5.0	2405	24.2			-	-	-

PERFORMANCE TABLE

NOZZLE COLOUR	SPREADER COLOUR	P (bar)	FLOW RATE (ℓ/h)	D (ø m)	NOZZLE COLOUR	SPREADER COLOUR	P (bar)	FLOW RATE (ℓ/h)	D (ø m)
3.2 PURPLE	PLUG	2.0	525	19.0	3.6 GREY	PLUG	2.0	810	20.6
		2.5	595	20.0			2.5	725	21.2
		3.0	645	20.6			3.0	800	22.0
		3.5	685	21.8			3.5	875	22.6
		4.0	735	22.6			4.0	965	22.8
		4.5	775	23.0			4.5	1020	23.2
		5.0	810	23.6			5.0	1145	24.0
		4.0 BLUE	2.0	825			20.8	4.4 YELLOW	2.0
2.5			915	21.4	2.5		1110		22.0
3.0			1000	21.6	3.0		1200		22.5
3.5			1070	21.8	3.5		1305		23.0
4.0			1145	22.2	4.0		1400		23.8
4.5			1205	22.5	4.5		1480		24.2
5.0			1270	23.0	5.0		1570		24.6
4.8 RED		2.0	1210	20.4	5.2 GREEN		2.0	1355	21.4
		2.5	1315	21.2			2.5	1480	21.8
		3.0	1465	22.2			3.0	1630	22.4
		3.5	1565	22.8			3.5	1775	23.0
		4.0	1655	23.3			4.0	1895	23.5
		4.5	1760	23.6			-	-	-
		5.0	1860	24.0			-	-	-

Water consumption: ℓ/h Wetted diameter: ø m /5 cm Height 1 m/h = 1 000 ℓ/h

BAYONET AF160B PLUG

Clip in plug for AF160B 20 mm male thread FC impact plastic sprinkler. Used to block off the spreader nozzle outlet, increasing the range of the main nozzle and decreasing the flow rate of the sprinkler.



PRODUCT CODE	SIZE	MOQ
PPRCBPLUG	20 mm	1



APPLICATION

General field use, with solid-set irrigation systems.

- Unique hammer combined with SD (Super Diffuser) plate - designed for uniform distribution with single or dual nozzles
- High water distribution with spacing up to 20 m
- Higher resistance to wind
- Color-coded bayonet nozzle for easy service
- Integrated stream-straightening vane for maximum range
- High-impact, heavy-duty plastic materials provide resistance to corrosion, chemicals and UV radiation

NAAN PLASTIC SPRINKLER MALE WITH PLUG AND NOZZLE

PRODUCT CODE: 667N-5035 • SIZE: 5035SD 20 mm • MOQ: 1

For irrigation in windy conditions. 20 mm Sprinkler with a 4.5 mm brown male base nozzle and plug. Also for use on fields and crops, i.e. sugarcane. With SD (Super Diffuser) for better CU.

PERFORMANCE TABLE: Dual nozzle, blue short SD

SLEEVE COLOUR	NOZZLE COLOUR	P (Bar)	Q (m³/h)	D (m)	SPACING (m)					
					12 x 15	12 x 18	15 x 15	15 x 18	18 x 18	20 x 20
RED	3.5 x 2.5 ℓ BLUE	3.0	1.240	27.2	6.9	5.7	5.5	4.6	3.8	3.1
		4.0	1.430	27.2	7.9	6.6	6.4	5.3	4.4	3.6
		5.0	1.620	27.2	9.0	7.5	7.2	6.0	5.0	4.1
	4.0 x 2.5 ℓ BLACK	3.0	1.490	28.0	8.3	6.9	6.6	5.5	4.6	3.7
		4.0	1.740	29.0	9.7	8.1	7.7	6.4	5.4	4.4
		5.0	1.950	29.2	10.8	9.0	8.7	7.2	6.0	4.9
BLACK	4.5 x 2.5 ℓ BROWN	3.0	1.790	29.7	9.9	8.3	8.0	6.6	5.5	4.5
		4.0	2.070	30.2	11.5	9.6	9.2	7.7	6.4	5.2
		5.0	2.320	32.2	12.9	10.7	10.3	8.6	7.2	5.8
	5.0 x 2.5 ℓ PURPLE	3.0	2.110	31.5	11.7	9.8	9.4	7.8	6.5	5.3
		4.0	2.400	33.2	13.3	11.1	10.7	8.9	7.4	6.0
		5.0	2.690	35.2	14.9	12.5	12.0	10.0	8.3	6.7
	5.5 x 2.5 ℓ ORANGE	3.0	2.390	32.2	13.3	11.1	10.6	8.9	7.4	6.0
		4.0	2.760	34.2	15.3	12.8	12.3	10.2	8.5	6.9
		5.0	3.090	35.0	17.2	14.3	13.7	11.4	9.5	7.7
	6.0 x 2.5 ℓ RED	3.0	2.700	34.2	15.0	12.5	12.0	10.0	8.3	6.8
		4.0	3.160	36.0	17.6	14.6	14.0	11.7	9.8	7.9
		5.0	3.540	34.0	19.7	16.4	15.7	13.1	10.9	8.9

PERFORMANCE TABLE: Single nozzle, black, long SD

SLEEVE COLOUR	NOZZLE COLOUR	P (Bar)	Q (m³/h)	D (m)	SPACING (m)					
					12 x 15	12 x 18	15 x 15	15 x 18	18 x 18	20 x 20
RED	3.5 BLUE	2.5	0.720	24.0	4.0	3.3	3.2			
		3.0	0.790	24.0	4.4	3.7	3.5			
		4.0	0.910	25.0	5.1	4.2	4.0	3.4		
		5.0	1.040	25.0	5.8	4.8	4.6	3.9		
	4.0 BLACK	2.5	0.950	26.0	5.3	4.4	4.2	3.5		
		3.0	1.040	26.0	5.8	4.8	4.6	3.9		
		4.0	1.200	26.0	6.7	5.6	5.3	4.4	3.7	
		5.0	1.350	28.0	7.5	6.3	6.0	5.0	4.2	
BLACK	4.5 BROWN	2.5	1.210	28.0	6.7	5.6	5.4	4.5		
		3.0	1.320	28.0	7.3	6.1	5.9	4.9	4.1	
		4.0	1.540	29.0	14.1	11.8	11.3	9.4	7.8	
		5.0	1.710	30.0	9.5	7.9	7.6	6.3	5.3	
	5.0 PURPLE	2.5	1.460	29.0	8.1	6.8	6.5	5.4	4.5	
		3.0	1.610	29.0	8.9	7.5	7.2	6.0	5.0	4.0
		4.0	1.870	31.0	10.4	8.7	8.3	6.9	5.8	4.7
		5.0	2.100	32.0	11.7	9.7	9.3	7.8	6.5	5.3
	5.5 ORANGE	2.5	1.760	30.0	9.8	8.1	7.8	6.5	5.4	4.4
		3.0	1.930	31.0	10.7	8.9	8.6	7.1	6.0	4.8
		4.0	2.230	34.0	12.4	10.3	9.9	8.3	6.9	5.6
		5.0	2.490	35.0	13.8	11.5	11.1	9.2	7.7	6.2
	6.0 RED	2.5	2.060	30.0	11.4	9.5	9.2	7.6	6.4	5.2
		3.0	2.260	32.0	12.6	10.5	10.0	8.4	7.0	5.7
		4.0	2.620	34.0	14.6	12.1	11.6	9.7	8.1	6.6
		5.0	2.940	36.0	16.3	13.6	13.1	10.9	9.1	7.4

Color code - Distribution uniformity

CU > 92% CU 88-92% CU 85-88% CU < 85%

Performance table under review. Rear nozzle color: 2.5 ℓ - grey. Do not change nozzles from Red Sleeve Group to Black Sleeve Group or vice versa.

* Performance table prepared under laboratory conditions * For windy conditions use closer spacing

NAAN
Irrigation Systems



APPLICATION

Irrigation and fertigation of edges in field crops, such as potatoes, carrots and flowers.

- Unique and innovative modular PC mechanism
- Easily change full circle sprinkler into part circle sprinkler and vice versa
- Unique hammer combined with SD (Super Diffuser) plate designed for uniform distribution even at low operation pressure (1.5 bar)
- Spacing up to 14 m
- Combining with full-circle sprinkler ensures that 100% of the water remains within the irrigation area
- Wide range of flow rates makes it the ideal partner for every full-circle sprinkler in any crop or field
- High-impact, heavy-duty plastic materials provide resistance to corrosion, chemicals and UV radiation

NAAN PLASTIC SPRINKLER

PRODUCT CODE: 667N-5022SD • SIZE: 5022SD 15 mm • MOQ: 1

Irrigation of vegetables, flowers and in nurseries. Complete with red nozzle 3.0 x 1.8 mm and male based with SD (Super Diffuser) for better CU.

PERFORMANCE TABLE									
SLEEVE COLOUR	NOZZLE COLOUR	P (bar)	Q (m³/h)	D (m)	SLEEVE COLOUR	NOZZLE COLOUR	P (bar)	Q (m³/h)	D (m)
RED	2.5 PURPLE	1.5	0.320	19.00	BLACK	3.0 RED	1.5	0.445	21.00
		2.0	0.375	20.00			2.0	0.520	21.50
		2.5	0.420	21.00			2.5	0.575	22.00
		3.0	0.460	21.50			3.0	0.625	22.50
		3.5	0.490	22.00			3.5	0.680	23.00
		4.0	0.525	22.00			4.0	0.730	23.00
	2.8 ORANGE	1.5	0.415	21.50		3.2 GREEN	1.5	0.520	21.00
		2.0	0.475	22.00			2.0	0.590	21.50
		2.5	0.530	22.50			2.5	0.660	22.50
		3.0	0.580	23.00			3.0	0.725	23.50
		3.5	0.630	23.00			3.5	0.770	23.50
		4.0	0.680	23.50			4.0	0.835	24.00

PERFORMANCE TABLE - DUAL NOZZLE, BLUE SHORT SD								
NOZZLE COLOUR	P (bar)	Q (m³/h)	D (m)	SPACING (m)				
				10 x 10	10 x 12	12 x 12	12 x 14	14 x 14
3.0 x 1.8 RED	2.5	0.760	21.0	7.6	6.3	5.3		
	3.0	0.840	22.0	8.4	7.0	5.8		
	3.5	0.900	23.0	9.0	7.5	6.3		
	4.0	0.970	22.0	9.7	8.1	6.7		
3.2 x 1.8 GREEN	2.5	0.820	21.0	8.2	6.8	5.7		
	3.0	0.900	22.0	9.0	7.5	6.3		
	3.5	0.980	23.0	9.8	8.2	6.8		
	4.0	1.040	23.0	10.4	8.7	7.2		

* Performance table prepared under laboratory conditions * For windy conditions use closer spacing

NAAN
Irrigation Systems



APPLICATION

Orchards and plantations, especially table grapes and bananas. For full coverage irrigation.

- 12° Low angle body with lower trajectory for optimal undertree irrigation
- Unique hammer with SD (Super Diffuser) plate for uniform distribution
- Special arched water path for maximum coverage diameter
- Operating pressure range: 2.0 – 4.0 bar
- Smooth slanted planes minimize breakage caused by accidental impact
- Color-coded bayonet nozzles for easy service
- Resistance to UV radiation

NAAN PLASTIC SPRINKLER

PRODUCT CODE: 667N-6024SD • SIZE: 6024SD 15 mm • MOQ: 1

For under tree irrigation. 15 mm Sprinkler with a 3.5 mm nozzle. Also for use in orchards (nut trees and bananas) and plantations. With SD (Super Diffuser) for better CU.

PERFORMANCE TABLE				
SLEEVE COLOUR	P (bar)	Q (m³/h)	D (m)	MSH (cm)
2.5 PURPLE	2.0	355	15.0	90
	2.5	400	18.0	
	3.0	440	18.0	
2.8 ORANGE	2.0	480	18.0	95
	2.5	540	19.0	
	3.0	595	20.0	
3.0 RED	2.0	520	18.0	100
	2.5	585	20.0	
	3.0	640	20.0	
3.2 GREEN	2.0	595	19.0	103
	2.5	670	20.0	
	3.0	730	20.0	

* Performance table prepared under laboratory conditions * For windy conditions use closer spacing

NAAN
 Irrigation Systems


APPLICATION

Irrigation and germination of vegetables, field crops and flowers.

- Unique hammer combined with SD (Super Diffuser) plate designed for uniform distribution with single or dual nozzles
- Special arched water path facilitates wider radius of throw, reducing the number of sprinklers required per unit area
- High distribution uniformity up to 16 m
- Reduced sensitivity to clogging and higher resistance to wind
- Designed for short irrigation cycles for germination
- Color-coded bayonet nozzles for easy service
- Solid construction with full protection of spring and axle area
- High impact and heavy-duty plastic materials for resistance to corrosion, chemicals and radiation

NAAN PLASTIC SPRINKLER

PRODUCT CODE: 667N-6025SD • 6025SD • SIZE: 15 mm • MOQ: 1

Full circle, single nozzle plastic impact sprinkler. 15 mm Sprinkler with a 3.5 mm blue nozzle. Designed for irrigation in windy conditions on crops, i.e. sugarcane. With SD (Super Diffuser) for better CU.

PRECIPITATION RATES (mm/hr) AND UNIFORMITY (CU) AT VARIOUS SPACING									
NOZZLE COLOUR (mm)	P (bar)	Q (m³/h)	D (m)	SPACING (m)					
				12 x 12	12 x 14	12 x 15	14 x 14	15 x 15	16 x 16
2.8 ORANGE	2.5	0.540	19	3.8	3.2	3.0			
	3.0	0.595	21	4.1	3.5	3.3	3.0		
	3.5	0.640	21	4.4	3.8	3.6	3.3		
	4.0	0.685	22	4.8	4.1	3.8	3.5		
3.0 RED	2.5	0.585	21	4.1	3.5	3.3	3.0		
	3.0	0.640	23	4.4	3.8	3.6	3.3		
	3.5	0.690	23	4.8	4.1	1.3	3.5		
	4.0	0.735	23	5.1	4.4	4.1	3.8		
3.2 GREEN	2.5	0.670	23	4.7	4.0	3.7	3.4	3.0	
	3.0	0.730	23	5.1	4.3	4.1	3.7	3.2	
	3.5	0.790	24	5.5	4.7	4.4	4.0	3.5	
	4.0	0.840	24	5.8	5.0	4.7	4.3	3.7	
3.5 BLUE	2.5	0.780	24	5.4	4.6	4.3	4.0	3.5	3.0
	3.0	0.850	24	5.9	5.1	4.7	4.3	3.8	3.3
	3.5	0.920	24	6.4	5.5	5.1	4.7	4.1	3.6
	4.0	0.980	25	6.8	5.8	5.4	5.0	4.4	3.8
4.0 BLACK	2.5	1.005	26	7.0	6.0	5.6	5.1	4.5	3.9
	3.0	1.100	26	7.6	6.5	6.1	5.6	4.9	4.3
	3.5	1.185	27	8.2	7.1	6.6	6.1	5.3	4.6
	4.0	1.270	27	8.8	7.6	7.1	6.5	5.6	5.0
Color code - Distribution uniformity				CU > 92%	CU 88-92%	CU 85-88%	CU < 85%		

* Performance table prepared under laboratory conditions * For windy conditions use closer spacing

NAAN
 Irrigation Systems


APPLICATION

Irrigation and germination of vegetables and field crops, corn and sugar cane irrigation on high risers 2 – 3 m due to its stable operation without vibration. Overhead cooling in orchards and plantations.

- Maintenance free for long lifespan
- Can function with contaminated water
- Hermetically-sealed silicone chamber protects silicone from leakage
- Silicone with magnets ensure constant rotation speed and prevents wear and tear
- Excellent water distribution uniformity in spacing of up to 14 m
- Color coded nozzle and swivel
- High-impact and heavy duty plastic materials for resistance to corrosion and UV radiation

NAAN PLASTIC SPRINKLER MAGIC DRIVE G5

PRODUCT CODE: 667N-MAGICHF • SIZE: 15 mm • MOQ: 1

Non-impact sprinkler plastic 15 mm G5 24 with a 3.2 mm red nozzle.

PRECIPITATION RATES (mm/hr) AND UNIFORMITY (CU) AT VARIOUS SPACING													
GROUP	SWIVEL	DIFFUSER	NOZZLE COLOUR (mm)	P (bar)	Q (m³/h)	D (m)	SPACING (m)						
							9 x 9	10 x 10	10 x 12	12 x 12	12 x 14	14 x 14	
G4	BLACK 24°	YELLOW	2.6 YELLOW	1.5	0.310	19	3.7	3.1	2.6				
				2.0	0.365	19	4.4	3.7	3.0				
				2.5	0.410	19	5.0	4.1	3.4				
				3.0	0.450	20	5.6	4.5	3.8				
				3.5	0.490	20	6.0	4.9	4.1				
			2.8 GREEN	1.5	0.360	20	4.3	3.6	3.0	2.5			
				2.0	0.415	20	5.1	4.2	3.5	2.9			
				2.5	0.465	21	5.6	4.7	3.9	3.2			
				3.0	0.510	21	6.2	5.1	4.3	3.5			
				3.5	0.55	21	6.8	5.5	4.6	3.8			
G5	BLUE 24°	YELLOW	3.0 LIGHT BROWN	1.5	0.415	22	5.1	4.2	3.5	2.9	2.5	2.1	
				2.0	0.485	23	5.9	4.9	4.0	3.4	2.9	2.5	
				2.5	0.545	23	6.7	5.5	4.5	3.8	3.2	2.8	
				3.0	0.595	23	7.3	6.0	5.0	4.1	3.5	3.0	
				3.5	0.650	22	8.0	6.5	5.4	4.5	3.9	3.3	
			3.2 RED	1.5	0.465	21	5.6	4.7	3.9	3.2	2.8	2.4	
				2.0	0.545	22	6.6	5.5	4.5	3.8	3.2	2.8	
				2.5	0.615	23	7.5	6.2	5.1	4.3	3.7	3.1	
				3.0	0.680	23	8.3	6.8	5.7	4.7	4.0	3.5	
				3.5	0.730	23	8.9	7.3	6.1	5.1	4.3	3.7	
Color code - Distribution uniformity				CU > 92%		CU 88-92%		CU 85-88%		CU < 85%			

* Performance table prepared under laboratory conditions * For windy conditions use closer spacing



APPLICATION

All overhead irrigation of crops with solid-set, mechanized or handline systems. Irrigation under frost conditions in vineyards, orchards and vegetables.

- High water distribution with spacing up to 20 m
- Color-coded bayonet nozzle for easy service
- Integrated stream-straightening vane for maximum range
- Sand and dust protection sleeve ensures reliable operation and durability
- Red cap completely seals and protects drive spring and protects from frost damage
- New rear nozzle 2.5 ℓ for improved performances

NAAN BRASS SPRINKLER 233-B AF MALE

PRODUCT CODE: 667N-233 • SIZE: 20 mm • MOQ: 1

Full circle sprinkler with 20 mm male thread. Supplied with 4.5 (Brown) x 2.5 mm nozzles (Male base 20 mm). High water distribution with spacing up to 20 m. Color-coded bayonet nozzle for easy service and red cap completely seals and protect drive spring. New rear nozzle 2.5 ℓ for improved performance.

PRECIPITATION RATES (mm/hr) AND UNIFORMITY (CU) AT VARIOUS SPACING												
SLEEVE COLOUR	NOZZLE COLOUR (mm)	P (bar)	Q (m³/h)	D (m)	SPACING (m)							
					12 x 12	12 x 15	12 x 18	15 x 15	15 x 18	18 x 18	18 x 20	20 x 20
RED	3.5 x 2.5 ℓ BLUE	3.0	1.240	27.0	8.6	6.9	5.7	5.5	4.6	3.8		
		4.0	1.430	29.0	9.9	7.9	6.6	6.4	5.3	4.4		
		5.0	1.620	29.0	11.3	9.0	7.5	7.2	6.0	5.0		
	4.0* x 2.5 ℓ BLACK	3.0	1.490	29.0	10.3	8.3	6.9	6.6	5.5	4.6		
		4.0	1.740	29.0	12.1	9.7	8.1	7.7	6.4	5.4		
		5.0	1.950	29.0	13.5	10.8	9.0	8.7	7.2	6.0		
	4.5 x 2.5 ℓ BROWN	3.0	1.790	30.0	12.4	9.9	8.3	8.0	6.6	5.5	5.0	
		4.0	2.070	31.0	14.4	11.5	9.6	9.2	7.7	6.4	5.8	
		5.0	2.320	32.0	16.1	12.9	10.7	10.3	8.6	7.2	6.4	
BLACK	5.0 x 2.5 ℓ PURPLE	3.0	2.110	32.0	14.7	11.7	9.8	9.4	7.8	6.5	5.9	5.3
		4.0	2.400	34.0	16.7	13.3	11.1	10.7	8.9	7.4	6.7	6.0
		5.0	2.690	35.0	18.7	14.9	12.5	12.0	10.0	8.3	7.5	6.7
	5.5 x 2.5 ℓ ORANGE	3.0	2.390	34.0	16.6	13.3	11.1	10.6	8.9	7.4	6.6	6.0
		4.0	2.760	37.0	19.2	15.3	12.8	12.3	10.2	8.5	7.7	6.9
		5.0	3.090	39.0	21.5	17.2	14.3	13.7	11.4	9.5	8.6	7.7
	6.0 x 2.5 ℓ RED	3.0	2.700	37.0	18.8	15.0	12.5	12.0	10.0	8.3	7.5	6.8
		4.0	3.160	37.0	21.9	17.6	14.6	14.0	11.7	9.8	8.8	7.9
		5.0	3.540	40.0	24.6	19.7	16.4	15.7	13.1	10.9	9.8	8.9
Color code - Distribution uniformity					CU > 92%		CU 88-92%		CU 85-88%		CU < 85%	

Rear nozzle color: 2.5 ℓ - grey - Do not change nozzles from Red Sleeve Group to Black Sleeve Group or vice-versa.

* Performance table prepared under laboratory conditions

* For windy conditions use closer spacing

PERFORMANCE TABLE				
SLEEVE COLOR	NOZZLE COLOR (mm)	P (bar)	Q (m³/h)	D (m)
RED	3.5 BLUE	3.0	0.790	27
		4.0	0.910	28
		5.0	1.020	29
	4.0* BLACK	3.0	1.040	29
		4.0	1.200	29
		5.0	1.350	29
	4.5 BROWN	3.0	1.320	30
		4.0	1.540	32
		5.0	1.710	33
BLACK	5.0 PURPLE	3.0	1.610	33
		4.0	1.870	35
		5.0	2.100	37
	5.5 ORANGE	3.0	1.930	36
		4.0	2.230	38
		5.0	2.490	38
	6.0 RED	3.0	2.260	36
		4.0	2.620	38
		5.0	2.940	41

*Standard nozzle - Do not change nozzles from Red Sleeve Group to Black Sleeve Group or vice-versa.

NAAN
Irrigation Systems


APPLICATION

Specifically designed for irrigation of field edges.

- Spacing up to 14 m
- Color-coded bayonet nozzles for easy service
- Integrated stream-straightening vane for maximum range
- High-impact, heavy-duty plastic materials provide resistance to corrosion, chemicals and UV radiation
- WP - Hammer ensures all water inside pattern and prevents irrigating roads and neighbors

NAAN FULL OR PART-CIRCLE IMPACT SPRINKLER

PRODUCT CODE: 1980475 • SIZE: 427B 15 mm • MOQ: 1

Full or part-circle plastic impact sprinkler. 15 mm Sprinkler with a 4 mm black nozzle. Riser-mounted for residential and small public areas. Also for use on spike or sled bases.

PERFORMANCE TABLE

NOZZLE COLOUR (mm)	P (bar)	Q (m ³ /h)	D (m)
3.0 RED	2.0	0.510	23
	3.0	0.630	24
	4.0	0.720	25
3.2 GREEN	2.0	0.570	23
	3.0	0.700	24
	4.0	0.810	26
3.5 BLUE	2.0	0.660	23
	3.0	0.810	24
	4.0	0.930	26
4.0* BLACK	2.0	0.850	24
	3.0	1.030	26
	4.0	1.180	26

* Performance table prepared under laboratory conditions * For windy conditions use closer spacing

NAAN
Irrigation Systems


APPLICATION

Specifically designed for irrigation of field edges.
All overhead irrigation of crops.

- High water distribution with spacing up to 14 m
- Durable, heavy-duty, construction
- Sand and dust protection sleeve ensures reliable operation and durability
- WP - Hammer ensures all water inside pattern and prevents irrigating roads and neighbours

NAAN BRASS SPRINKLER FEMALE

PRODUCT CODE: 667N-423WP • SIZE: 423P 20 mm • MOQ: 1

Full or part-circle impact sprinkler. 20 mm Female base BSP sprinkler with a 4 mm black nozzle. Riser-mounted for residential and small public areas. Also for use on spike or sled bases.

NAAN SPRINKLER BRASS 423P 15MM NOZZLE

PRODUCT CODE: 1980459 • SIZE: 423P 15 mm • MOQ: 1

Full or part-circle impact sprinkler. 15 mm BSP Sprinkler with a 4 mm black nozzle. Riser-mounted for residential and small public areas.

PERFORMANCE TABLE

NOZZLE COLOUR (mm)	P (bar)	Q (m ³ /h)	D (m)
3.2 GREEN	2.0	0.570	23
	3.0	0.700	25
	4.0	0.810	26
3.5 BLUE	2.0	0.660	24
	3.0	0.810	26
	4.0	0.930	27
4.0* BLACK	2.0	0.850	25
	3.0	1.030	27
	4.0	1.180	28

* Performance table prepared under laboratory conditions * For windy conditions use closer spacing



ROSSI R18S CANON SPRINKLER

PRODUCT CODE: 680R18S • SIZE: R18S MODEL • MOQ: 1

Full and part circle, medium capacity sprinkler. Throw range of 15 – 24 m. 32 mm Connection. Fitted with 10 mm nozzle & 8 mm, 10 mm, 12 mm, 13 mm loose nozzles included.

Nozzle (Ø mm)	Pressure (bar)	Radius (max.m)	Flow (ℓ/s)
8x4	1.5	15.0	1.011
	2	16.5	1.158
	3	19.0	1.413
	4	21.5	1.652
9x4	1.5	15.5	1.216
	2	17.0	1.411
	3	20.0	1.727
	4	22.0	2.030
10x4	1.5	16.0	1.402
	2	18.0	1.675
	3	20.5	2.047
	4	22.5	2.397
11x4	2	18.5	2.005
	3	21.0	2.452
	4	23.0	2.861
12x4	2	19.0	2.341
	3	21.5	2.788
	4	24.0	3.336
13x4	2	19.5	2.716
	3	22.0	3.250
	4	24.5	3.819



ROSSI R25S CANON SPRINKLER

PRODUCT CODE: 680R25S • SIZE: R25S MODEL • MOQ: 1

Full and part circle, medium capacity sprinkler. Throw range of 18 – 39 m. 40 mm Connection. Fitted with 16 mm nozzle & 12 mm, 14 mm, 18 mm, 20 mm loose nozzles included.

Nozzle (Ø mm)	Pressure (bar)	Radius (max.m)	Flow (ℓ/s)
8	2	18.0	1.47
	3	20.5	1.78
	4	23.0	2.11
	5	24.5	2.43
10	2	19.5	2.00
	3	22.0	2.49
	4	24.5	2.81
	5	27.5	3.22
12	2	21.5	2.65
	3	24.0	3.25
	4	26.5	3.72
	5	29.0	4.13
14	6	31.0	4.56
	2	23.0	3.41
	3	26.0	4.18
	4	28.5	4.81
16	5	30.5	5.39
	6	32.5	5.90
	2	25.0	4.36
	3	28.0	5.26
18	4	30.0	6.06
	5	32.0	6.76
	6	34.0	7.55
	3	29.5	6.77
20	4	32.0	7.50
	5	34.5	8.38
	6	37.0	9.11
	3	32.0	8.33
20	4	35.0	9.16
	5	37.5	10.0
	6	39.5	10.8



ROSSI CANON SPRINKLER NOZZLES

Loose nozzles for R18S & R25S Canon Sprinklers.

PRODUCT CODE	SIZE	MOQ	PRODUCT CODE	SIZE	MOQ
680R18S-6MM	6 mm	1	680R25S-12MM	12 mm	1
680R18S-8MM	8 mm	1	680R25S-14MM	14 mm	1
680R18S-12MM	12 mm	1	680R25S-18MM	18 mm	1
680R18S-13MM	13 mm	1	680R25S-20MM	20 mm	1

07 IRRIGATION SPRINKLERS

NAAN
Irrigation Systems



NAAN NOZZLE 5035SD

3.2 mm Orange nozzle for Naan Sprinkler 5035SD.

PRODUCT CODE	SIZE	MOQ
5035SD-3.2	3.2 mm	1

NAAN
Irrigation Systems



NAAN NOZZLE 5035SD

3.5 mm Blue Nozzle for Naan Sprinkler 5035SD.

PRODUCT CODE	SIZE	MOQ
5035SD-3.5	3.5 mm	1

NAAN
Irrigation Systems



NAAN NOZZLE 5035SD

4.0 mm Black nozzle for Naan sprinkler 5035SD.

PRODUCT CODE	SIZE	MOQ
5035SD-4.0	4.0 mm	1

NAAN
Irrigation Systems



NAAN NOZZLE 6025SD

3.2 mm Green nozzle for Naan sprinkler 6025SD.

PRODUCT CODE	SIZE	MOQ
6025SD-3.2	3.2 mm	1

NAAN
Irrigation Systems



NAAN NOZZLE 6025SD

4.0 mm Black nozzle for Naan sprinkler 6025SD.

PRODUCT CODE	SIZE	MOQ
6025SD-4.0	4.0 mm	1



VYRSA SPRINKLER NOZZLE RANGE

Brass spreader nozzles are used in place of plugs. The spreader nozzles give a better and more effective spreading of water. See sprinklers at codes 651035 and 651036.

PRODUCT CODE	SIZE	MOQ
651077	1/8 3.2 mm	10
651071	9/64 3.57 mm	10
651072	5/32 3.96 mm	10
651073	11/64 4.36 mm	10
651074	3/16 4.76 mm	1
651075	13/64 5.15 mm	10



VYRSA SPRINKLER NOZZLE SPREADER

Brass spreader nozzles are used in place of plugs. The spreader nozzles give a better and more effective spreading of water. See sprinklers at codes 651035 and 651036.

PRODUCT CODE	SIZE	MOQ
651078	3/32 2.38 mm	1
651079	1/8 3.17 mm	10



VYRSA SPRINKLER PLUG NYLON

Nylon plug used as replacement for spreader nozzle. See sprinklers at codes 651035 and 651036.

PRODUCT CODE	MOQ
651080	10



RAIN SPRINKLER PLUG NYLON

Nylon plug used as replacement for spreader nozzle. Sprinklers at codes 668001 and 668003.

PRODUCT CODE	MOQ
668021	10



RAIN SPRINKLER NOZZLE RANGE

Brass nozzle has a stream-straightener for better efficiency. Sprinklers at codes 668001 and 668003.

PRODUCT CODE	SIZE	MOQ
668005	1/8 3.2 mm	1
668015	9/64 3.57 mm	1
668011	5/32 3.96 mm	1
668009	11/64 4.36 mm	1
668008	3/16 4.76 mm	1
668007	13/64 5.15 mm	1
668013	7/32 5.50 mm	1



RAIN SPRINKLER NOZZLE SPREADER BRASS

Brass spreader nozzle delivers better output, more effective spreading and thorough wetting. Nozzles are used for the Rain 15 brass spout en Rain 14 plastic spout. For sprinklers at codes 668001 and 668003.

PRODUCT CODE	SIZE	MOQ
668017	3/32 2.38 mm	1
668019	1/8 3.17 mm	1



RAIN SPRINKLER NOZZLE RANGE NYLON

Nozzle range for use with Rain plastic or brass 20 mm full circle sprinklers. Nylon material is preferred to brass to avoid theft. Sprinklers at codes 668001 and 668003.

PRODUCT CODE	SIZE	MOQ
668105	9/64 3.57 mm	10
668107	5/32 3.96 mm	10
668109	11/64 4.36 mm	10
668111	3/16 4.76 mm	10



RAIN SPRINKLER NOZZLE SPREADER NYLON

Nylon spreader nozzle delivers better output, more effective spreading and thorough wetting. Nozzles are used for the Rain 15 brass spout and Rain 14 plastic spout. For sprinklers at codes 668001 and 668003.

PRODUCT CODE	SIZE	MOQ
668017P	3/32 2.38 mm	1
668019P	1/8 3.17 mm	1

**DRAGLINE STAND**

Complete stand with 20 mm socket and hose adaptor. Used for sprinklers and dragline.

PRODUCT CODE	SIZE	MOQ
DS20X300	20 x 300 mm	1
DS20X600	20 x 600 mm	1
DS20X1000	20 x 1000 mm	1
DS20X1200	20 x 1200 mm	1
DS20X1800	20 x 1800 mm	1
DS20X3000	20 x 3000 mm	1

**STAND TRIPOD FOLDING CANE**

Complete stand with 20 mm socket and hose adaptor. Used for sprinklers and dragline.

PRODUCT CODE	SIZE	MOQ
58826	20 x 3000 mm	1

**DRAGLINE STAND GALVANISED SKID**

Moveable galvanised irrigation sled with 20 mm elbow.

PRODUCT CODE	SIZE	MOQ
58800	20 mm	1

**STAND TOBACCO**

Complete sledge type irrigation stand with 20 mm inlet. Used for sprinklers and dragline

PRODUCT CODE	SIZE	MOQ
58822	20 x 600 mm	1

**CANON SPRINKLER TROLLEY**

Canon trolley with 50 mm male thread. Any make of Canon sprinkler can be mounted.

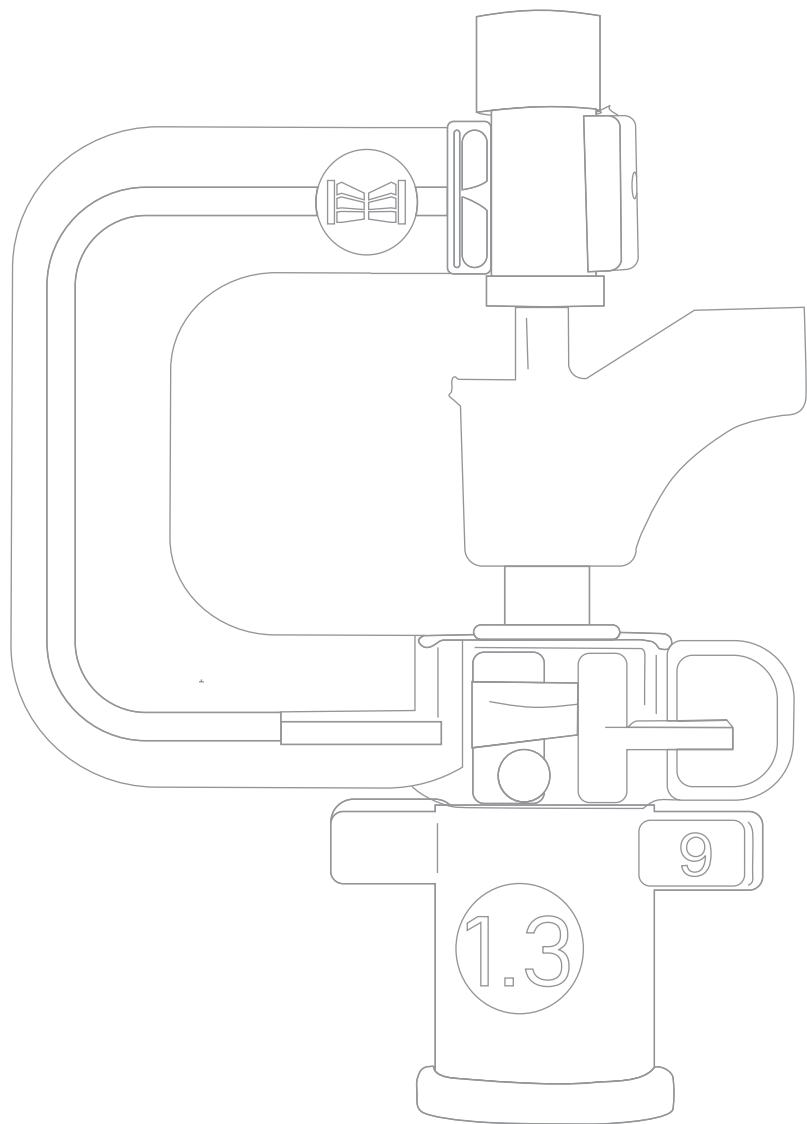
PRODUCT CODE	SIZE	MOQ
681128	50 mm	1

**WHEEL FOR CANON TROLLEY**

Wheel for Canon gun trolley solid rubber 325 x 55 mm. Centre Hole 25 mm.

PRODUCT CODE	SIZE	MOQ
681128W	325 x 55 mm	1

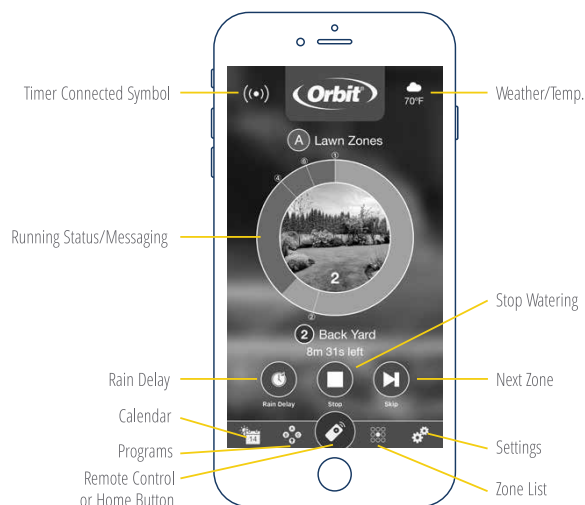
IRRIGATION GARDEN & LAWN





ORBIT CONTROLLER B-HYVE WIFI TIMER 12 STATION

PRODUCT CODE: 10294546 • 6 Station • MOQ: 1
10294550 • 12 Station • MOQ: 1



The B-hyve Wi-Fi Sprinkler Timer allows you to water smarter. Make watering decisions based on the ecological needs of your yard. Control the whole thing from your phone. Large LCD screen providing all the details you need to know at the timer. Access your timer from the app or at the timer, B-hyve is the only smart timer with controls on the timer.

Screwdown, stainless-steel terminals for secure connection, without worry from rust damage. Powerful 2.4 Ghz band Wi-Fi, with ranges up to 200 feet. Locking, weather sealed indoor/outdoor case means you can confidently mount your timer anywhere. Works with all major brands of pumps (relay required). Add increased weather detection with optional rain/freeze sensors (not included).

- Watering History: Know when your timer has watered and for how long, with detailed zone reports.
- Real Time Monitoring: Monitor your timer's progress as it happens. The B-hyve app gives you all the details.
- Real Time Updates: Get all the details on when your smart timer plans on watering next.
- Smart & Manual Scheduling: Use Smart watering, Manual or a combination of both for watering restrictions. Tell the app when you can and cannot water.
- Forward Looking Calendar: Look ahead to see what the timer's smart watering has planned.



B-HYVE XD BLUETOOTH TAP TIMER

Orbit B-hyve, Bluetooth enabled, port hose tap timer.

PRODUCT CODE	SIZE	MOQ
1094791	1 Port XD-1	1
1094792	2 Port XD-2	1
1094794	4 Port XD-4	1

- Hose tap watering has never been faster, easier, or more convenient with the ability to control the timer using an Apple or Android device.
- The B-hyve Hose Tap Timer uses a Bluetooth chip that has great range - up to 150 m (500 ft) line of sight.
- Schedule, manually operate, and monitor water flow without climbing through shrubs to access the timer.
- Set watering times down to seconds, which is great for gardening, hydroponics, filling pet dishes or even bird baths.
- Easily connect to the timer with the push of a button via the home screen on the B-hyve app.
- If Bluetooth doesn't provide the flexibility required, the addition of the B-hyve Wi-Fi Hub (available separately) will connect your device from anywhere in the world.
- Comes in 1, 2 and 4 port options.

SPECIFICATIONS:

Operating pressure:	68 – 698 kPa / .68 – 6.98 bar / 9.8 – 101 PSI
Operating flow:	3.79 – 22.72 LPM / 1 – 6 GPM
Operating temperature:	0° – 54°C / 32°C – 130°F
Threading:	BSP, NHT
Watering time:	1 – 360 minutes
Programming:	From 1 – 7 days Every 1, 3, 6 or 12 hours
Rain delay:	1 – 7 days
Power requirements:	2 AA Alkaline batteries
	2 Port

Orbit®

ORBIT B-HYVE XR SMART CONTROLLER EU 16 STATION

Orbit B-hyve Bluetooth 2 Port HT Timer.

PRODUCT CODE	SIZE	MOQ
1094895	16 Station	1

Orbit®

ORBIT B-HYVE SMART WI-FI HOSE TAP TIMER WITH HUB

The B-hyve Wi-Fi Sprinkler Timer allows you to water smarter. Make watering decisions based on the ecological needs of your yard.

PRODUCT CODE	MOQ
1094990	1

Orbit®

ORBIT B-HYVE BLUETOOTH HOSE FAUCET TIMER

Orbit B-hyve Bluetooth indoor hose tap timer.

PRODUCT CODE	MOQ
1094995	1

Orbit®

ORBIT INDOOR CONTROLLER

Independent dual watering programs. Water-saving rain delay feature. Built-in calendar keeps track of odd/even days and leap years. Programs with two AA-batteries. Up to eight available start times per valve per day. Plug-in transformer power. Outdoor at code 101004. Solenoids at codes 101200 and 101202.

PRODUCT CODE	SIZE	MOQ
101114	4 Station	1
101116	6 Station	1

Orbit®

ORBIT OUTDOOR CONTROLLER

Independent dual watering programs. Large dial and rubberised buttons make programming simple. Weather resistant locking door protects timer and wire connectors. Pump or master valve operation signal. Built-in calendar keeps track of odd/even days and leap years. Programs with two AA-batteries. Up to eight available start times per valve per day. Built-in transformer power. Water-saving rain delay feature. Indoor at code 101114. Solenoids at codes 101200 and 101202.

PRODUCT CODE	SIZE	MOQ
101004	4 Station	1
101006	6 Station	1
101009	9 Station	1
101012	12 Station	1

Orbit®**ORBIT BUDDY 2 TAP DOUBLE PORT TIMER**

The Buddy 2 is a fully automatic yard watering unit that turns your tap into a sprinkler system. No digging is required to easily install this watering system. Connects to standard 20 mm connection with two outlets with 2 independent watering programs.

PRODUCT CODE	MOQ
101015	1

Orbit®**ORBIT BUDDY TAP SINGLE PORT TIMER**

The Buddy is a fully automatic yard watering unit that turns your tap into a sprinkler system. No digging is required to easily install this watering system. Connects to standard 20 mm garden tap with BSP thread with an independent watering program.

PRODUCT CODE	MOQ
101011	1

Orbit®**ORBIT GARDEN WATERING CONTROL SYSTEM**

The fully automatic garden watering control system turns your garden tap into a 4-station sprinkler system. No digging is required to easily install this watering system. Connects to standard garden tap to provide 4 hose outlets with 4 independent watering programs. Hose thread manifold connection to hose faucet. Comes standard with 2 valves, additional valves can be ordered at code 101019.

PRODUCT CODE	MOQ
101018	1

Orbit®**ORBIT TAP CONTROLLER**

Easy to install to any outdoor faucet. Battery-operated automatic timer and valve combination. Set two dials for start time and watering duration. Large easy to read dials. Ten watering interval options from every two hours to once per week.

PRODUCT CODE	MOQ
101000	1

Orbit®**ORBIT TAP CONTROLLER MECHANICAL**

Easy to use on/off timer with settings from 15 to 120 minutes. No batteries needed. Connect to standard garden tap with BSP thread.

PRODUCT CODE	MOQ
101010	1



ORBIT VALVE FOR GARDEN WATERING CONTROL SYSTEM

Additional valve for product at code 101018.

PRODUCT CODE	MOQ
101019	1



ORBIT FUSE FOR CONTROLLER 2

Orbit controller fuse.

PRODUCT CODE	MOQ
101003	1

NOZZLE PERFORMANCE DATA

10 FT ADJUSTABLE NOZZLE PERFORMANCE DATA 10° TRAJECTORY			
NOZZLE	PRESSURE	RADIUS (m)	Flow ℓ/h
90° Arc	1.7	2.7	144.00
	2.1	3.0	144.00
180° Arc	1.7	2.7	252.00
	2.1	3.0	288.00
270° Arc	1.7	2.7	396.00
	2.1	3.0	468.00
360° Arc	1.7	2.7	540.00
	2.1	3.0	612.00

12 FT ADJUSTABLE NOZZLE PERFORMANCE DATA 15° TRAJECTORY			
NOZZLE	PRESSURE	RADIUS (m)	Flow ℓ/h
90° Arc	1.7	4.6	180.00
	2.1	4.9	180.00
180° Arc	1.7	4.6	324.00
	2.1	4.9	360.00
270° Arc	1.7	4.6	504.00
	2.1	4.9	540.00
360° Arc	1.7	4.6	684.00
	2.1	4.9	720.00

15 FT ADJUSTABLE NOZZLE PERFORMANCE DATA 12° TRAJECTORY			
NOZZLE	PRESSURE	RADIUS (m)	Flow ℓ/h
90° Arc	1.7	4.6	180.00
	2.1	4.9	180.00
180° Arc	1.7	4.6	324.00
	2.1	4.9	360.00
270° Arc	1.7	4.6	504.00
	2.1	4.9	540.00
360° Arc	1.7	4.6	684.00
	2.1	4.9	720.00

18 FT ADJUSTABLE NOZZLE PERFORMANCE DATA 26° TRAJECTORY			
NOZZLE	PRESSURE	RADIUS (m)	Flow ℓ/h
90° Arc	1.7	5.2	180.00
	2.1	5.5	180.00
180° Arc	1.7	5.2	360.00
	2.1	5.5	360.00
270° Arc	1.7	5.2	540.00
	2.1	5.5	576.00
360° Arc	1.7	5.2	720.00
	2.1	5.5	756.00

SPRINKLER FLOW TABLES

SATURN / TITAN FLOW TABLES						
	NOZZLE 1		NOZZLE 2		NOZZLE 3	
BAR	RAD (m)	ℓ/h	RAD (m)	ℓ/h	RAD (m)	ℓ/h
2.1	8.5	114	8.8	156	9.1	204
2.8	8.8	138	9.1	180	9.4	228
4.1	9.1	180	9.4	228	9.8	294

VOYAGER SPRINKLER FLOW TABLES												
STANDARD NOZZLES	NOZZLE 1		NOZZLE 2		NOZZLE 3		NOZZLE 4		NOZZLE 5		NOZZLE 6	
BAR	RAD (m)	ℓ/h	RAD (m)	ℓ/h	RAD (m)	ℓ/h	RAD (m)	ℓ/h	RAD (m)	ℓ/h	RAD (m)	ℓ/h
2.1	8.5	114	8.8	156	9.1	204	9.8	270	10.4	366	11.0	456
2.8	8.8	138	9.1	180	9.4	228	10.1	318	11.0	408	11.6	546
3.4	8.8	162	9.1	204	9.4	270	10.4	366	11.6	456	11.6	612
4.1	9.1	180	9.4	228	9.8	294	10.4	408	11.6	498	12.2	660

STANDARD NOZZLES	NOZZLE 7		NOZZLE 8		NOZZLE 9		NOZZLE 10		NOZZLE 11		NOZZLE 12	
BAR	RAD (m)	ℓ/h	RAD (m)	ℓ/h	RAD (m)	ℓ/h	RAD (m)	ℓ/h	RAD (m)	ℓ/h	RAD (m)	ℓ/h
2.1	11.0	588	11.3	726	11.6	954	13.7	1362	14.0	1818	14.0	2592
2.8	12.2	684	12.2	840	13.1	1110	14.6	1542	14.6	2022	14.6	2772
3.4	12.8	774	13.1	954	14.0	1248	14.9	1728	15.2	2226	15.2	3000
4.1	12.8	840	13.4	1044	14.3	1362	15.5	1860	15.5	2382	15.9	3270

ORBIT SATURN (2.1 bar)			
PIPE SIZE (mm)	NOZZLE RED (0.75) FLOW 146 ℓ/h (Rad 5.15 m)	NOZZLE RED (0.75) FLOW 146 ℓ/h (Rad 5.15 m)	NOZZLE RED (0.75) FLOW 146 ℓ/h (Rad 5.15 m)
20	15	7	4
25	24	11	6

ORBIT PRO 2" & 4" (1.75 bar)			
PIPE SIZE (mm)	NOZZLE 11 Feet FLOW 570 ℓ/h (RAD 3.64 m)	NOZZLE 13 Feet FLOW 650 ℓ/h (RAD 4.1 m)	NOZZLE 15 Feet FLOW 718 ℓ/h (Rad 4.75 m)
20	4	4	3
25	6	5	5

ORBIT VOYAGER (2.8 bar)			
PIPE SIZE (mm)	NOZZLE No.1 FLOW 138 ℓ/h (Rad 8.8 m)	NOZZLE No. 2 FLOW 180 ℓ/h (Rad 9.1 m)	NOZZLE No. 3 FLOW 228 ℓ/h (Rad 9.4 m)
20	4	4	3
25	6	5	5

PIPE SIZE (mm)	NOZZLE No. 4 FLOW 318 ℓ/h (Rad 10.1 m)	NOZZLE No. 5 FLOW 408 ℓ/h (Rad 11.0 m)	NOZZLE No. 6 FLOW 546 ℓ/h (Rad 11.6 m)
20	4	4	3
25	6	5	5

ADJUSTABLE POP-UP SPRINKLER NOZZLE PERFORMANCE

5° TRAJECTORY		101904NP - 4 FT ADJUSTABLE NOZZLE - YELLOW				
NOZZLE	PRESSURE Bar	RADIUS m	FLOW m³/h	FLOW ℓ/s	PRECIP. mm/h ■	PRECIP. mm/h ▲
	1.0	1.2	0.09	0.02	241	279
	1.4	1.2	0.10	0.03	257	297
	1.7	1.2	0.10	0.03	278	321
	2.1	1.2	0.11	0.03	293	339
	1.0	1.2	0.18	0.05	241	279
	1.4	1.2	0.19	0.05	257	297
	1.7	1.2	0.21	0.06	278	321
	2.1	1.2	0.22	0.06	293	339
	1.0	1.2	0.27	0.07	241	279
	1.4	1.2	0.29	0.08	257	297
	1.7	1.2	0.31	0.09	278	321
	2.1	1.2	0.33	0.09	293	339
	1.0	1.2	0.36	0.10	241	279
	1.4	1.2	0.38	0.11	257	297
	1.7	1.2	0.41	0.11	278	321
	2.1	1.2	0.44	0.12	293	339

10° TRAJECTORY		101910NP - 10 FT ADJUSTABLE NOZZLE - YELLOW				
NOZZLE	PRESSURE Bar	RADIUS m	FLOW m³/h	FLOW ℓ/s	PRECIP. mm/h ■	PRECIP. mm/h ▲
	1.0	2.4	0.11	0.02	77	89
	1.4	2.4	0.13	0.04	87	101
	1.7	2.7	0.13	0.04	72	83
	2.1	3.0	0.15	0.04	65	75
	1.0	2.4	0.23	0.06	77	89
	1.4	2.4	0.26	0.07	87	101
	1.7	2.7	0.27	0.07	72	83
	2.1	3.0	0.30	0.08	65	75
	1.0	2.4	0.34	0.10	77	89
	1.4	2.4	0.39	0.11	87	101
	1.7	2.7	0.40	0.11	72	83
	2.1	3.0	0.45	0.13	65	75
	1.0	2.4	0.46	0.13	77	89
	1.4	2.4	0.52	0.14	87	101
	1.7	2.7	0.54	0.15	72	83
	2.1	3.0	0.60	0.17	65	75

23° TRAJECTORY		101915NP - 15 FT ADJUSTABLE NOZZLE - BLACK				
NOZZLE	PRESSURE Bar	RADIUS m	FLOW m³/h	FLOW ℓ/s	PRECIP. mm/h ■	PRECIP. mm/h ▲
	1.0	4.3	0.16	0.04	34	40
	1.4	4.3	0.16	0.05	36	41
	1.7	4.6	0.17	0.05	33	38
	2.1	4.9	0.18	0.05	30	34
	1.0	4.3	0.31	0.09	34	40
	1.4	4.3	0.33	0.09	36	41
	1.7	4.6	0.34	0.09	33	38
	2.1	4.9	0.35	0.10	30	34
	1.0	4.3	0.47	0.13	34	40
	1.4	4.3	0.49	0.14	36	41
	1.7	4.6	0.51	0.14	33	38
	2.1	4.9	0.53	0.15	30	34
	1.0	4.3	0.62	0.17	34	40
	1.4	4.3	0.65	0.18	36	41
	1.7	4.6	0.68	0.19	33	38
	2.1	4.9	0.71	0.20	30	34

5° TRAJECTORY		101908NP - 8 FT ADJUSTABLE NOZZLE - GREEN				
NOZZLE	PRESSURE Bar	RADIUS m	FLOW m³/h	FLOW ℓ/s	PRECIP. mm/h ■	PRECIP. mm/h ▲
	1.0	2.1	0.12	0.03	106	122
	1.4	2.1	0.13	0.04	115	133
	1.7	2.4	0.14	0.04	94	109
	2.1	2.7	0.15	0.04	78	91
	1.0	2.1	0.24	0.07	106	122
	1.4	2.1	0.26	0.07	115	133
	1.7	2.4	0.28	0.08	94	109
	2.1	2.7	0.30	0.08	78	91
	1.0	2.1	0.36	0.10	106	122
	1.4	2.1	0.39	0.11	115	133
	1.7	2.4	0.42	0.12	94	109
	2.1	2.7	0.44	0.12	78	91
	1.0	2.1	0.48	0.13	106	122
	1.4	2.1	0.52	0.15	115	133
	1.7	2.4	0.56	0.16	94	109
	2.1	2.7	0.59	0.16	78	91

15° TRAJECTORY		101912NP - 12 FT ADJUSTABLE NOZZLE - BROWN				
NOZZLE	PRESSURE Bar	RADIUS m	FLOW m³/h	FLOW ℓ/s	PRECIP. mm/h ■	PRECIP. mm/h ▲
	1.0	3.4	0.12	0.03	42	49
	1.4	3.4	0.14	0.04	49	57
	1.7	3.7	0.16	0.04	47	55
	2.1	4.0	0.16	0.04	41	47
	1.0	3.4	0.24	0.07	42	49
	1.4	3.4	0.28	0.08	49	57
	1.7	3.7	0.32	0.09	47	55
	2.1	4.0	0.32	0.09	41	47
	1.0	3.4	0.35	0.10	42	49
	1.4	3.4	0.42	0.12	49	57
	1.7	3.7	0.48	0.13	47	55
	2.1	4.0	0.48	0.13	41	47
	1.0	3.4	0.47	0.13	42	49
	1.4	3.4	0.55	0.15	49	57
	1.7	3.7	0.63	0.18	47	55
	2.1	4.0	0.64	0.18	41	47

26° TRAJECTORY		101918NP - 18 FT ADJUSTABLE NOZZLE - BEIGE				
NOZZLE	PRESSURE Bar	RADIUS m	FLOW m³/h	FLOW ℓ/s	PRECIP. mm/h ■	PRECIP. mm/h ▲
	1.0	4.6	0.16	0.04	31	36
	1.4	4.9	0.17	0.05	28	33
	1.7	5.2	0.18	0.05	26	30
	2.1	5.5	0.19	0.05	25	29
	1.0	4.6	0.32	0.09	31	36
	1.4	4.9	0.34	0.09	28	33
	1.7	5.2	0.35	0.10	26	30
	2.1	5.5	0.37	0.10	25	29
	1.0	4.6	0.49	0.13	31	36
	1.4	4.9	0.50	0.14	28	33
	1.7	5.2	0.53	0.15	26	30
	2.1	5.5	0.56	0.16	25	29
	1.0	4.6	0.65	0.18	31	36
	1.4	4.9	0.67	0.19	28	33
	1.7	5.2	0.71	0.20	26	30
	2.1	5.5	0.75	0.21	25	29

Orbit®**APPLICATION**

- Longest spray distance in class - Up to 50 feet
- Bonus nozzles included for true matched precipitation
- ¾" Female threaded
- 4" Pop-up height
- Filter reduces clogging

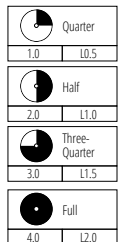
ORBIT POP-UP GEAR VOYAGER SPRINKLER

PRODUCT CODE: 101803 • Bulk • MOQ: 1
101800 • Packed • MOQ: 1

Ideal for medium to large area coverage. 7 m to 12 m radius coverage. Adjustable full or part circle coverage. Adjustment key available at code 101805.

STANDARD NOZZLES	NOZZLE 1		NOZZLE 2		NOZZLE 4		NOZZLE 7 (pre-installed)		NOZZLE 8	
BAR	RAD (m)	ℓ/h	RAD (m)	ℓ/h	RAD (m)	ℓ/h	RAD (m)	ℓ/h	RAD (m)	ℓ/h
2.1	8.22	181.8	10.68	340.8	11.88	774.00	10.97	590.40	14.63	1746.00
2.8	8.53	249.6	11.58	385.8	12.80	888.00	12.19	684.00	15.24	2046.00
3.4	8.83	272.4	11.58	454.2	13.41	1020.00	12.80	774.00	15.84	2226.00
4.1	8.83	295.2	11.88	477	13.41	1092.00	12.80	840.00	16.76	2274.00

STANDARD NOZZLES	NOZZLE L1		NOZZLE L2		NOZZLE L3		NOZZLE L4	
BAR	RAD (m)	ℓ/h	RAD (m)	ℓ/h	RAD (m)	ℓ/h	RAD (m)	ℓ/h
2.1	6.40	272.4	8.53	408.60	10.06	660.00	9.75	864.00
2.8	7.32	439.2	9.75	477.00	11.28	774.00	10.67	1002.00
3.4	7.92	475.2	10.36	544.80	11.89	888.00	11.28	1134.00
4.1	8.53	511.8	10.97	567.60	12.19	930.00	11.89	1224.00

**Orbit®****ORBIT POP-UP GEAR SATURN SPRINKLER**

PRODUCT CODE: 101813 • Bulk • MOQ: 1
101811 • Packed • MOQ: 1

Ideal for medium area coverage. 4.5 m to 9 m radius coverage. Adjustable full or part circle coverage. Spare nozzle set available at code 101815.

APPLICATION

- Full 2-½" (6.3 cm) pop-up clearance
- Anti-back splash water control arm
- Adjustable water diffuser screw
- Trip lever up for full circle coverage
- Part circle adjustment collars
- Sand-proof wiper seal for positive retraction
- Side and bottom inlet connection
- Heavy-duty stainless steel retractable spring
- Heavy-duty non-corrosive canister

STANDARD NOZZLES	NOZZLE 1		NOZZLE 2		NOZZLE 4	
BAR	RAD (m)	ℓ/h	RAD (m)	ℓ/h	RAD (m)	ℓ/h
2.1	5.15	146	6.98	297	8.49	570
2.8	5.46	171	7.28	342	9.09	684
3.4	5.46	194	7.28	388	9.09	775

Orbit®**ORBIT XL POP-UP IMPACT SPRINKLER WITH EXTRA NOZZLE**

PRODUCT CODE: 101700N • MOQ: 1

The Pulse XL pop-up has a coverage of up to 13.7 m radius. Full or part circle with adjustable spray pattern.

APPLICATION

- Full or part circle with adjustable spray pattern
- Pop up height 7.62 cm
- Dual 19 mm and 12 mm threaded bottom inlet
- 12 mm Threaded side inlet
- Extra nozzles included for high or low pressure irrigation systems



Orbit**APPLICATION**

- Sprays 10 ft to 15 ft radius for smaller lawns
- Easy to adjust nozzles (25°:360°)
- Superior molded, pressure-activated wiper seal prevents leaks and seals the internals from debris
- Heavy-duty stainless steel spring assures complete sprinkler retraction

ORBIT POP-UP ADJUSTABLE SPRINKLER

PRODUCT CODE: 102910 • 3.5 m 2" • MOQ: 1
 102900 • 3.5 m 4" • MOQ: 1

Long-lasting, durable construction with pattern nozzle that can instantly and easily be adjusted from 25° to 360°.

SPRAY PATTERN	PATTERN COVERAGE	PLASTIC FLOW RATE (GPM)	BRASS FLOW RATE (GPM)	AVERAGE RADIUS (FT)
FULL	360°	2.50	3.00	12
¾	270°	2.00	2.25	12
½	180°	1.50	1.50	12
¼	90°	1.00	0.75	12
CENTRE STRIP	4" x 20"	2.00	2.00	-
END STRIP	3" x 12"	1.00	-	-
SIDE STRIP	5" x 24"	2.00	-	-
SQUARE	20" x 20"	3.00	-	-

Orbit**ORBIT TITAN GEAR DRIVE SHRUB SPRINKLER**

PRODUCT CODE: 101850 • MOQ: 1

Ideal for areas with high growing vegetation. The sprinkler can be mounted on a PVC stand pipe to spray over shrubs or flower tops. Use an electric screwdriver to adjust the spray pattern. The gear driven sprinkler can adjust from a 40° to 360° spray pattern with a radius of 5 m to 10 m. Bottom intake of ½ inch female screw thread. One standard mounted nozzle included.

APPLICATION

- Adjustable spray distance 15° to 30°
- Smooth rotating spray pattern
- Easy to adjust - no special tools required
- Large easy to clean filter
- ½" Inlet fits most risers

	30psi	40psi	50psi	60psi	70psi
FLOW RATE	2.4	2.8	3.2	3.5	3.8
RADIUS OF SPRAY	20	27	30	28	31

**Orbit****ORBIT 300S SPRINKLER POP- UP SLIM 100 MM**

Long-lasting, durable construction with adjustable nozzle. Can easily be adjusted from 25° to 360°. Ratchet feature allows easy spray direction adjustment.

APPLICATION

- Slim body for more space savings
- Same durable quality as full sized pop-up sprinklers
- 4-inch pop up height
- Comes with adjustable nozzle, with radius of 8-12 feet
- Drop in filter helps prevent clogs
- A stainless steel retraction spring and a wiper seal to keep out sand and grit

PRODUCT CODE	SIZE	MOQ
102910HR	10 ft	1
102912HR	12 ft	1
102915HR	15 ft	1
102918HR	18 ft	1

Orbit®**ORBIT SPRINKLER IMPACT PLASTIC ADJUSTABLE**

PRODUCT CODE: 101720 • MOQ: 1

Standard 9/64 inch nozzle. Use independently or to replace head for Orbit Satellite 101700.

APPLICATION

- Longest spray distance in class - up to 50 feet
- Bonus nozzles included for true matched precipitation
- 3/4" Female threaded
- 4" Pop-up height
- Filter reduces clogging

Orbit®**POP-UP SPRINKLER 2"**

PRODUCT CODE: 101810HR • 10 FT • MOQ: 1

Long-lasting, durable construction with adjustable nozzle. Can easily be adjusted from 25° to 360°. Ratchet feature allows easy spray direction adjustment.

APPLICATION

- Slim body for more space saving
- Same durable quality as full sized pop-up sprinklers
- 2" Pop up height
- Comes with adjustable nozzle, with radius of 13-15 feet
- Drop in filter helps prevent clogs
- A stainless steel retraction spring and a wiper seal to keep out sand and grit

Orbit®**ORBIT 300S SPRINKLER POP-UP
SLIM FLUSH CAP 100 MM**

Long-lasting, durable construction with adjustable nozzle. Can easily be adjusted from 25° to 360°.

PRODUCT CODE	MOQ
103900HR	1

Orbit®**ORBIT SPRINKLER POP-UP BODY
ONLY**

Male thread to fit most brands of female threaded nozzles. Nozzle excluded. See female threaded nozzles at code 101965.

PRODUCT CODE	SIZE	MOQ
102922	2"	1
102924	4"	1

Orbit®**ORBIT RISER ADJUSTABLE
ALUMINIUM 16-30"**

The height on this riser can be adjusted from 40 cm to 76 cm as plants and shrubs grow. The nozzle adjusts to spray in a part to full circle and includes a water-flow adjustment screw.

PRODUCT CODE	MOQ
101930	1

Orbit®**ORBIT ADAPTOR SHRUB**

Fits ½ inch risers and most female threaded nozzles. Widely used on PVC stand pipes 15 mm.

Nozzles at codes 101965, 101966, 101970, 101975, 101976.

PRODUCT CODE	SIZE	MOQ
101959	½"	10

Orbit®**ORBIT VOYAGER NOZZLE SET 11**

Spare nozzles for use with Voyager 11 pop-up. Set consists of 10 replacement nozzles. Nozzle set for pop-up sprinkler at code 101803.

PRODUCT CODE	MOQ
101807	1

Orbit®**ORBIT VOYAGER 11 KEY ADJUST**

Adjustment key for Voyager 11. Easy to use. Adjustment key for pop-up sprinkler at code 101803.

PRODUCT CODE	MOQ
101805	1

Orbit®**ORBIT NOZZLE STRIP ON SHRUB ADAPTOR**

Strip nozzle mounted on adaptor to fit a 15 mm standpipe. Used for narrow zones of lawn and narrow garden beds.

PRODUCT CODE	MOQ
101980	1

Orbit®**ORBIT NOZZLE BUBBLER ADJUSTABLE**

Bubbler nozzle that sprays a fountain like pattern. Used between bigger plants and flowers. Nozzle mounted on adaptor to fit 15 mm standpipe.

PRODUCT CODE	MOQ
101985	1

Orbit®**ORBIT NOZZLE END STRIP 15"**

Strip nozzle mounted on adaptor to fit a 15 mm standpipe. Used for narrow zones of lawn and narrow garden beds.

PRODUCT CODE	MOQ
101915ES	1

Orbit®**ORBIT NOZZLE SIDE STRIP 30"**

Strip nozzle mounted on adaptor to fit a 15 mm standpipe. Used for narrow zones of lawn and narrow garden beds.

PRODUCT CODE	MOQ
101915SS	1

Orbit®**ORBIT SHRUB HEAD ADJUSTABLE SPRINKLER**

Instant pattern nozzle that easily adjusts from 25° to 360°. Filter easy to clean to prevents debris clogs. Brass flow-adjustment screw. ½" Inlet.

PRODUCT CODE	MOQ
101960	1

Orbit®**ORBIT NOZZLE FEMALE ADJUSTABLE SPRAY 1.2 M 4 FT**

Adjustable nozzles eliminate the need for stocking full, half, quarter and three-quarter pattern nozzles. Easily adjustable from 25° to 360°.

PRODUCT CODE	SIZE	MOQ
102904NP	4 ft	1

Orbit®**ORBIT NOZZLE SPRAY ADJUSTABLE**

Adjustable nozzles eliminate the need for stocking full, half, quarter and three quarter pattern nozzles. Easily adjustable from 25° to 360°. Fits Orbit 5400, Rain Bird 1800 and Irritrol male stem pop-up bodies. See body at code 101922. Widely used on PVC stand pipe at codes 500015-1000 and 500015-0750. Adaptor for use on PVC stand pipe at code 101959.

PRODUCT CODE	SIZE	MOQ
102965	8 ft	1
102966	10 ft	1
102970	12 ft	1
102975	15 ft	1
102976	18 ft	1

Orbit®**ORBIT NOZZLE SPRAY ADJUSTABLE PREPACK**

Instant pattern nozzle that easily adjusts from 25° to 360°. Filter easy to clean to prevent debris clogs. Brass flow-adjustment screw. 1/2" Inlet. Plastic packaging for easier display.

PRODUCT CODE	SIZE	MOQ
101908NP	8 ft	1
101910NP	10 ft	1
101912NP	12 ft	1
101915NP	15 ft	1
101918NP	18 ft	1

Orbit®**ORBIT SATURN NOZZLE SET 111**

Spare nozzles for use with Saturn 111 pop-up. Set consists of three nozzles namely red, blue and green. Nozzles to fit pop-up sprinkler at codes 101813 and 101850. Click on technical page button to view typical irrigation lay-out.

PRODUCT CODE	MOQ
101815	1

Orbit®**ORBIT TRANSFORMER**

Transformer interchangeable with most brands of 24 V timers. Replacement transformer for controllers at code 101114.

PRODUCT CODE	SIZE	MOQ
101401	750 mA	1

Orbit®**ORBIT TOOL PULL UP SPRAY HEAD**

Use the spray head pull-up tool to replace and install nozzles. Pulls up spray head sprinklers with or without installed nozzle. Use the teeth to pull up the nozzle or stem and then clamp the tool to the stem to hold the stem up while installing a new nozzle or performing maintenance.

PRODUCT CODE	MOQ
102622	1

Orbit®**ORBIT RAIN SENSOR**

Rain sensor shutoff for automatic irrigation systems. Conserve water by automatically interrupting watering cycle during rainfall. Includes both metric and standard measurements. Millimeters of rain before disconnecting as well as duration (after rain stops) before connecting again, can be adjusted. In most installations the sensor acts as a switch to break the circuit to the solenoid on the valves of the irrigation system when it has rained. This allows the timer to advance as programmed, but keeps the valves from opening the water flow, subsequently causing the sprinklers not to come on at the scheduled time. Once the rain sensor has dried sufficiently, the switch closes again to allow normal operation of the sprinkler system.

PRODUCT CODE	MOQ
101501	1

Orbit®**ORBIT JAR TOP SOLENOID VALVE**

Automatic inline jar-top valve without flow control. Both ends 1" BSP-threaded. Jar-top lid makes it easy to open valve. Heavy-duty non-corrosive plastic construction with replaceable low-voltage solenoid. Bleed screw for manual on/off operation. Only use nylon or PVC fittings. Coil as replacement part at code 101204.

PRODUCT CODE	SIZE	MOQ
101202	1"	1

Orbit®

VALVE SOLENOID WITH FLOW CONTROL

Automatic inline sprinkler control valve with flow control. Both ends BSP-threaded. Durable, non-corrosive plastic construction with replaceable low-voltage solenoid. Internal bleed level for manual on/off operation. Unique balanced diagram design.

PRODUCT CODE	SIZE	MOQ
101200	1" Orbit	1

Orbit®

HYDRO RAIN SOLENOID VALVE + FLOW CONTROL 2 INCH

Automatic inline sprinkler control valve with flow control. Both ends BSP-threaded. Durable, non-corrosive plastic construction.

PRODUCT CODE	SIZE	MOQ
101270	2"	1

Orbit®

RAIN SOLENOID VALVE FLOW CONTROL 1-1/2 INCH

Automatic inline sprinkler control valve with flow control. Both ends BSP-threaded. Durable, non-corrosive plastic construction.

PRODUCT CODE	SIZE	MOQ
101260	1 - 1/2"	1

Orbit®

ORBIT SOLENOID VALVE NO FLOW CONTROL 1 INCH

Automatic inline sprinkler control valve with flow control. * Both ends BSP- threaded. * Durable, non-corrosive plastic construction with replaceable

PRODUCT CODE	SIZE	MOQ
101200N	1"	1

Orbit®

ORBIT HRB SOLENOID VALVE 24 V FOR COMMERCIAL VALVE

Solenoid valve for automatic inline control valves. Durable glass filled nylon to ensure toughness, reliability and long lasting performance. Use with 101270.

PRODUCT CODE	SIZE	MOQ
102204	2"	1

Orbit®

ORBIT VALVE SOLENOID ONLY

Replaceable low-voltage solenoid for automatic inline control valves. See complete valves at codes: 101200 and 101202. 101209 is compatible with valve 101240 and 101250. 101204 is compatible with valve 101200 and 101202.

PRODUCT CODE	SIZE	MOQ
101204	24 V/50-60Hz CA for 1" Valve	1

Orbit®

ORBIT DIAPHRAGM KIT FOR 101200

Replaces diaphragms for Orbit solenoid valve with flow control. Product code 101200.

PRODUCT CODE	MOQ
101206	1

Orbit®

ORBIT DIAPHRAGM KIT FOR 101202

Replaces diaphragms for Orbit Jar top solenoid. Product code 101202.

PRODUCT CODE	MOQ
101207	1

Orbit®

ORBIT GREASE CAP

Grease caps seal and protect low-voltage wire connections between the solenoid and timer.

PRODUCT CODE	MOQ
102620G	1

Orbit®**ORBIT MISTING KIT OUTDOOR**

Installs in less than an hour. Attaches to any garden hose. Reduces outdoor temperature with as much as 11°C. Can be clipped to an umbrella. 3 m Blank pipe from tap to point of installation and further 3 m of misting. Thus total of 6m pipe. To extend by another 3 m use product at code 102003EK.

PRODUCT CODE	SIZE	MOQ
102003	3/8"	1

Orbit®**ORBIT MISTING EXTENSION KIT OUTDOOR**

Extension kit used to extend the existing basic misting kit by 3 m. Misting kit can be ordered at code 102003.

PRODUCT CODE	MOQ
102003EK	1

Orbit®**ORBIT PORTABLE OUTDOOR MISTING COOLING KIT 1/4 INCH**

Preassembled portable mist cooling kit.

PRODUCT CODE	SIZE	MOQ
102002	1/4"	1

Orbit®**ORBIT MISTING KIT DIY 1/2" 5.4 M**

Enjoy the outdoors again with the Orbit Performance 1/2" PVC Mist Cooling System. It is the perfect rigid cooling solution for home patios and outdoor recreational areas. It also works equally well for animal shelters and dog runs, while reducing surrounding temperature up to 20° Fahrenheit. This kit includes everything needed to easily assemble 10" of mist cooling line with no special tools needed. The system can be expanded up to 250" with sufficient available water pressure. Includes: (9) 22" Lengths of 1/2" PVC pipe (6) 1/2" PVC Mist Fittings, (5) Mist Nozzles, (3) 1/2" PVC Elbows, (3) 1/2" PVC Couplings, (1) 1/2" PVC End Cap, (1), Swivel Hose Adapter, (9) Hanging Clamps, (1) Automatic Drain Valve, (1) Hose Washer, (1) PVC Cement. The Mist Cooling System is for outdoor use with cold water only. Do not use with a booster pump.

PRODUCT CODE	SIZE	MOQ
102000	5.4 m	1

Orbit®**ORBIT PIPE MISTING 3/8 6 M**

The 3/8" x 6 m flexible LDPE tubing is ideal for water supply lines and can be cut to exact lengths for a customised mist system. Coupled with the Slip Lok fitting with mist nozzle, the nylon tubing assembles in minutes with a simple insertion and twist motion to create a mist system up to 38 m. Recommended working pressure is 3 to 4 bar. The tubing is UV treated.

PRODUCT CODE	SIZE	MOQ
102606	3/8" 6 m	1

Orbit®**ORBIT MISTING KIT OUTDOOR SMALL 1/4 INCH**

The Portable Preassembled Mist Cooling Kit provides relief from the heat wherever you need it. This preassembled kit provides mist cooling and cools the surrounding air temperatures by up to 6°C. Simply attach the convenient alligator clips to an umbrella, awning, fence or other structure and then connect to a standard garden hose to immediately experience the benefit of mist cooling. Great for cooling your outdoor living areas. Install in less than 10 minutes. Attaches to any standard garden hose. 4 Year warranty.

PRODUCT CODE	SIZE	MOQ
102006	1/4"	1

Orbit®**ORBIT MISTING SYSTEM CLEANER**

The mist nozzle cleaner is specifically formulated to gently clean mist nozzles clogged with mineral deposits. It is easy to use, biodegradable, and safe on brass, stainless steel and plastic.

PRODUCT CODE	SIZE	MOQ
10110103	225 g	1

Orbit®**ORBIT MISTER NOZZLE 5 PACK**

This mist nozzle is the most efficient and water conservative mist nozzle available today. It only uses 2.2 ℓ per hour per nozzle.

PRODUCT CODE	SIZE	MOQ
10110106	2.2 ℓ/h	1

Orbit®**ORBIT BRASS MISTING NOZZLE PLUG PACKED 3**

The brass nozzle plug is used in place of a mist nozzle on all outdoor mist cooling systems

PRODUCT CODE	MOQ
102710	

Orbit®**ORBIT END PLUG SLIP LOK BRASS**

The brass end plug is used to easily and effectively stop water flow at the end of a mist system line that uses a Slip-Lok fitting. The end plug is used 3/8" misting pipe, 102606.

PRODUCT CODE	MOQ
102608	1

Orbit®**ORBIT TEE SLIP LOK BRASS**

The Slip-Lok Tee is used to connect outdoor mist cooling system lines and assemblies in seconds with a simple insert and twist motion. The unique brass Slip-Lok design can be used with both low and high pressure (up to 10 bar) systems as the tee actually grips tighter when the pressure increases. Use with code 102606.

PRODUCT CODE	MOQ
102607	1

Orbit®**ORBIT ELBOW SLIP LOK BRASS**

The Slip-Lok elbow is used to connect outdoor mist cooling system lines and assemblies in seconds with a simple insert and twist motion. The unique brass Slip-Lok design can be used with both low and high pressure systems as the elbow actually grips tighter when the pressure increases. Use with code 102606.

PRODUCT CODE	MOQ
102612	1

Orbit®**ORBIT SLIP LOK COUPLING BRASS**

The Slip-Lok coupling is used to connect outdoor mist cooling system lines and assemblies in seconds with a simple insert and twist motion. The unique brass Slip-Lok design can be used with both low and high pressure (up to 10 bar) systems as the coupling grips tighter when the pressure increases. Use with codes 102606.

PRODUCT CODE	MOQ
102611	1

Orbit®**ORBIT SLIP LOK COUPLING WITH NOZZLE BRASS**

The unique brass Slip Lok design is applicable in both low and high pressure mist system applications. The Slip Lok fitting with mist nozzle, coupled with 3/8" nylon tubing, assembles in minutes with a simple insertion and twist motion to create a mist system up to 38 m. They actually grip tighter as the pressure is increased and can be used with mist pumps that pressurize up to 1000 PSI. The fitting can be rotated a full 360° to direct the mist where needed. Use with code 102606.

PRODUCT CODE	SIZE	MOQ
102609	Brass	1

Orbit®**ORBIT MISTER DRAIN VALVE**

Auto mist drain valve is an essential component to any outdoor mist cooling system. The drain valve is used to drain water from the mist line when not in use. Opens as a syphon by drawing out the water. Installed at the low point in mist line. Installation either thread into a 10/24 female nozzle or insert into a slip-lock fitting.

PRODUCT CODE	MOQ
102605	1

Orbit®**ORBIT MISTING PIPE CONNECTOR BRASS**

The hose adapter connects outdoor mist cooling system lines to a standard garden hose for water supply. The unique brass Slip-Lok design can be used with both low and high pressure (up to 10 bar) systems as the adapter actually grips tighter when the pressure increases. Use with 102606.

PRODUCT CODE	MOQ
102613	1

Orbit®**ORBIT MOTION DETECTOR SPRINKLER**

Orbit innovative sprinkler provides motion-activated watering to protect plants and garden.

PRODUCT CODE	MOQ
10262100	1

Orbit®**ORBIT TRAVELING SPRINKLER**

Orbit's Traveling Sprinkler is a self-propelled sprinkler that uses water pressure to move along a hose path that you set to create your own personalized watering system (hose not included). Compatible with 5/8-inch hose, this sprinkler can travel up to 200 feet.

PRODUCT CODE	MOQ
10296322	1

Orbit®**ORBIT PATTERN SPRINKLER WITH PRECISION ARC**

Most likely your lawn is not a perfect square or circle, and yet you would like to conveniently water it without wasting water.

PRODUCT CODE	MOQ
1094093	1

Orbit®**ORBIT MAX METAL OSCILLATOR STRAIGHT BAR 371M2**

Orbit Max Oscillators are ideal for watering large rectangular areas. Easily slide the two tabs to adjust the spray distance from full to partial coverage; allowing the sprinkler to conform to an array of garden sizes.

PRODUCT CODE	MOQ
1094145	1

Orbit®**ORBIT SPRINKLER TIMER WITH VALVE**

Orbit sprinkler timer with valve. Battery powered controller with inline valve. No external power.

PRODUCT CODE	MOQ
1096840	1

RAIN BIRD



RAIN BIRD RZX E INDOOR

The ESP-RZx provides flexible scheduling features that make the controller ideal for a wide variety of applications including residential and light commercial irrigation systems. Combined with Rain Bird's LNK Wi-Fi Module (sold separately), you can receive internet-based weather data that adjusts irrigation schedules on a daily basis for up to 30% water savings.

PRODUCT CODE	SIZE	MOQ
620361	4 Station	1
620362	6 Station	1

RAIN BIRD



RAIN BIRD TM2 OUTDOOR

The ESP-TM2 irrigation controller is the perfect option for basic residential solutions. Building upon Rain Bird's legacy of The Intelligent Use of Water, this controller offers simple water saving features that you will actually use. With the flexibility of 3 programs and 4 start times available per program, you can tailor your watering schedule to your landscape's needs.

PRODUCT CODE	SIZE	MOQ
620909	4 Station	1
620910	6 Station	1

RAIN BIRD



RAIN BIRD VALVE 25 MM 10 BAR 100DV

The Rain Bird DV valve is the premium valve product chosen by more professionals than any other valve on the market, 25 mm and 24 VAC. Its long history of reliable performance makes it the natural choice for your landscape. Its consistent, problem-free performance means you can spend less time thinking about your irrigation system and more time enjoying your landscape.

PRODUCT CODE	MOQ
620182	1

RAIN BIRD



RAIN BIRD VALVE 25 MM 10 BAR 100DVF

The Rain Bird DVF valve is the premium valve product chosen by more professionals than any other valve on the market with flow control and 25 mm and 24 VAC. Its long history of reliable performance makes it the natural choice for your landscape. Its consistent, problem-free performance means you can spend less time thinking about your irrigation system and more time enjoying your landscape.

PRODUCT CODE	MOQ
620183	1



RAIN BIRD VALVE 25 MM 100HV

PRODUCT CODE: 620185 • SIZE: 25 mm 24 VAC • MOQ: 1

HV is a quality valve that offers high value, 25 mm and 24 VAC. Eccentric diaphragm for smooth closing, less water hammer.

APPLICATION

- Compact design, 2.5" spin radius for tight installations (install more valves in a single valve box)
- Captive multi-drive screws for ease of access and faster bonnet removal
- Glass-filled polypropylene body for strength
- Your choice of tools to open valve (nut driver, Phillips head screw driver, slotted head screw driver)
- Four screws for quick access to diaphragm



RAIN BIRD POP UP ADJUSTABLE UNISPRAV

PRODUCT CODE: 620304 • 4" • MOQ: 1

Adjustable pop-up mist-spray sprinkler. Suitable for flower beds and smaller lawns. Jets adjustable from 0° to 360°.

APPLICATION

- Slim body for more space savings
- 4" Pop up height
- Adjustable nozzle, with radius of 8-12 feet
- Drop in filter helps prevent clogging
- Stainless steel retraction spring and a wiper seal to keep out sand and grit



RAIN BIRD POP UP ROTATE RB5004

PRODUCT CODE: 620309 • MOQ: 1

Gear-driven sprinkler with primary applications in residential and public areas.

APPLICATION

- Slip clutch left edge finder
- Self flushing port
- Standard and low angle nozzles
- Rain curtain nozzle



RAIN BIRD POP UP MAXI PAW

PRODUCT CODE: 620308 • MOQ: 1

Impact sprinkler with primary applications in residential and public areas. Key for maintenance at code 620325.

APPLICATION

- Long-lasting and particularly noted for their performance with heavy-mineral content, such as hard water and well water, that can clog and corrode other sprinklers
- An excellent choice for reclaimed water irrigation systems in drought areas



RAIN BIRD BODY 1804

PRODUCT CODE: 620004 • MOQ: 1

4" or 100 mm Spray head body, fits most female threaded nozzles.

APPLICATION

- All models feature Rain Bird's patented pop-up mechanism with heavy-duty stainless steel spring for dependable out-of-sight retraction, plus an exclusive co-moulded wiper seal for unmatched resistance to grit, pressure, and extreme environments.



RAIN BIRD U-SPRAY 4 INCH 410VAN 2.1 TO 3.1 M

PRODUCT CODE: 620175 • SIZE: 4" • MOQ: 1

The UNI-Spray with VAN adjustable nozzle for watering standard and irregular-shaped turf and shrub areas. Adjustable from 0° to 360° full-circle operation, saving hours of installation time, effort, and money.

APPLICATION

- Compact and reliable spray heads for any application with 10VAN nozzle with 2.1 m - 3.1 m radius.



RAIN BIRD SHRUB R3500

The 3500 Series Rotor is an easy to use short- to mid-range half inch gear-drive rotor with 4.5 m to 10 m radius.

PRODUCT CODE	MOQ
620310	1



RAIN BIRD POP UP 3504

The 3500 Series Rotor is an easy to use short- to mid-range half inch gear-drive rotor with 4.5 m to 10 m radius.

PRODUCT CODE	MOQ
620311	1



RAIN BIRD SAM SHRUB PC 5000

Shrub rotor sprinkler with adjustable 40° to 360° part-circle arc with reverse function. Internal parts are protected from debris with a self-flushing, tapered stem & integrated triple-blade multi-function wiper seal.

PRODUCT CODE	MOQ
620312	1



RAIN BIRD U-SPRAY 4 INCH

The UNI-Spray with VAN adjustable nozzle for watering standard and irregular-shaped turf and shrub areas. Adjustable from 0° to 360° full-circle operation, saving hours of installation time, effort, and money.

PRODUCT CODE	SIZE	MOQ
620176	412VAN 2.7 m - 3.7 m	1
620177	415VAN 3.4 m - 4.6 m	1
620178	418VAN 4.3 m - 5.5 m	1



RAIN BIRD SCHRUB ADAPTOR PA-8S

The Rain Bird shrub adapter is designed to fit all Rain Bird nozzles for quick and easy attachment. For attaching Rain Bird nozzles to 1/2" (15/21) MPT threaded risers. Suitable for 1800 Series filter screen & PCS Series screens.

PRODUCT CODE	MOQ
620139	1



RAIN BIRD NOZZLE RVAN 360° FULL

R-VAN is designed with unique features such as hand adjustment, pull-to-flush, and matched precipitation. These all save time and labour when it comes to installation and maintenance-further increasing your bottom line. 360° full circle.

PRODUCT CODE	SIZE	MOQ
620806	2.4 m - 4.6 m	1
620102	4.0 m - 5.5 m	1
620107	5.2 m - 7.3 m	1



RAIN BIRD NOZZLE RVAN

R-VAN is designed with unique features such as hand adjustment, pull-to-flush, and matched precipitation. These all save time and labour when it comes to installation and maintenance-further increasing your bottom line. Adjustable from 45° to 270°.

PRODUCT CODE	SIZE	MOQ
620112	2.0 m - 4.6 m	1
620113	4.0 m - 5.5 m	1
620114	5.2 m - 7.3 m	1



RAIN BIRD NOZZLE VAN

They are ideal for odd-shaped corners and smaller grassy areas around sidewalks and driveways; they can also be used for watering flowerbeds or shrubs. A complete line of VAN nozzles is available, covering a range from 3 to 18 feet.

PRODUCT CODE	SIZE	MOQ
620055	4 ft 0.9 m - 1.5 m	1
620060	6 ft 1.2 m - 1.8 m	1
620061	8 ft 1.8 m - 2.4 m	1
620067	10 ft 2.1 m - 3.1 m	1
620071	12 ft 2.7 m - 3.7 m	1
620077	15 ft 3.4 m - 4.6 m	1
620090	18 ft 4.3 m - 5.5 m	1



VALVE BOX RECTANGULAR STANDARD 12 INCH

Valve box to cover assembled manifold system. Durable long-lasting construction. Build-in nut for locking lid. Overlapping lid to keep sand and dirt out.

PRODUCT CODE	SIZE	MOQ
101612	12" Rectangular	1



VALVE BOX RECTANGULAR

Valve box to cover assembled manifold system. Durable long-lasting construction. Build-in nut for locking lid. Overlapping lid to keep sand and dirt out.

PRODUCT CODE	SIZE	MOQ
101600	20" Jumbo	1



ORBIT LID FOR VALVE BOX ROUND

Round valve box placed under the soil with just enough space for one automatic solenoid valve. Complete with lid to gain easy access. Used for placing valves apart, not assembled close to the controller.

PRODUCT CODE	SIZE	MOQ
101607L	6" Round	1
101610L	10" Round	1



VALVE BOX ROUND

Round valve box placed under the soil with just enough space for one automatic solenoid valve. Complete with lid to gain easy access. Used for placing valves apart, not assembled close to the controller.

PRODUCT CODE	SIZE	MOQ
101607	6"	1
101610	10"	1



ORBIT LID FOR VALVE BOX RECTANGULAR 12 INCH

Valve box to cover assembled manifold system. Durable long-lasting construction. Build-in nut for locking lid. Overlapping lid to keep sand and dirt out.

PRODUCT CODE	SIZE	MOQ
101612L	12" Rectangular	1



**EMJAY® MANIFOLD ASSEMBLED
1 STATION PVC**

Use to assemble valve sprinkler manifold. Extendable manifolds easily connect together and no special tools required.

PRODUCT CODE	SIZE	MOQ
202251	1 Station	1



**EMJAY® MANIFOLD ASSEMBLED
2 STATION PVC**

Use to assemble valve sprinkler manifold. Extendable manifolds easily connect together and no special tools required.

PRODUCT CODE	SIZE	MOQ
202252	2 Station	1



**EMJAY® MANIFOLD ASSEMBLED
3 STATION PVC**

Use to assemble valve sprinkler manifold. Extendable manifolds easily connect together and no special tools required.

PRODUCT CODE	SIZE	MOQ
202253	3 Station	1



**EMJAY® MANIFOLD ASSEMBLED
4 STATION PVC**

Use to assemble valve sprinkler manifold. Extendable manifolds easily connect together and no special tools required.

PRODUCT CODE	SIZE	MOQ
202254	4 Station	1



**EMJAY® MANIFOLD VALVE ADAPTOR
1 INCH**

Manifold valve adaptor union 1" BSP. Use with manifolds and pumps for easy assembly and disassembly.

PRODUCT CODE	SIZE	MOQ
202260	1"	1



**EMJAY® MANIFOLD TEE MALE 1
INCH BSP**

Tee piece to use with manifold. Male Tee 1" BSP thread. 12 bar.

PRODUCT CODE	SIZE	MOQ
202237	1"	1



**EMJAY® MANIFOLD TEE UNION BSP
1 INCH**

Tee piece to use with manifold. 1" BSP with union. 12 bar.

PRODUCT CODE	SIZE	MOQ
202238	1"	1



**EMJAY® MANIFOLD CROSS MALE
BSP 1 INCH**

Cross piece to use with manifold. 1" Male BSP. 12 bar.

PRODUCT CODE	SIZE	MOQ
202239	1"	1



**EMJAY® MANIFOLD CROSS UNION
WITH NIPPLE 1 INCH**

Cross piece to use with manifold. 1" union with nipple. 12 bar.

PRODUCT CODE	SIZE	MOQ
202240	1"	1



EMJAY® MANIFOLD ELBOW MALE BSP 1 INCH

Elbow to use with manifold. 1" Male BSP. 12 bar.

PRODUCT CODE	SIZE	MOQ
202241	1"	1



EMJAY® MANIFOLD ELBOW UNION WITH NIPPLE 1 INCH

Elbow to use with manifold. 1" Union with nipple. 12 bar.

PRODUCT CODE	SIZE	MOQ
202242	1"	1



EMJAY® MANIFOLD INLET

Manifold inlet to use with manifold. 1" Male BSP. 12 bar.

PRODUCT CODE	SIZE	MOQ
202243	1"	1



EMJAY® MANIFOLD END CAP

End cap to use with manifold.

PRODUCT CODE	MOQ
202244	1



EMJAY® MANIFOLD COUPLING

Emjay® coupling to use with manifold.

PRODUCT CODE	MOQ
202245	1



EMJAY® MANIFOLD EXTENSION KIT

Use to extend manifold station. Consist of 1" tee and union with 2 wall mount clips.

PRODUCT CODE	SIZE	MOQ
202250		1



EMJAY® MANIFOLD PLAIN CLIP

Plain clip to use with manifold.

PRODUCT CODE	MOQ
202246	1



EMJAY® MANIFOLD WALL MOUNT CLIP

Wall mount clip to use with manifold.

PRODUCT CODE	MOQ
202247	1



SPRINKLER BUDDY

Universal, robust, pop-up sprinkler protective housing which allows for easy access to your sprinklers.

PRODUCT CODE	SIZE	MOQ
412012	Model 12 ½"	1
412034	Model 34 ¾"	1

RAIN-JET MICRO SPREADER PERFORMANCE

SPREADER	SPREADER	SPRAY PATTERN	Spray Radius at 1 Bar pressure	Flow at 0.5 bar	Flow at 0.75 bar	Flow at 1 bar	Flow at 1.5 bar	Flow at 1.75 bar	Flow at 2 bar
A0181 BLUE SPREADER 360°		 360° - 2 m	1M	43.2 l/h	52.8 l/h	60.8 l/h	74.2 l/h	80 l/h	85.5 l/h
0736802 GREEN SPREADER 180°		 180° - 3 m	1.5M	43.2 l/h	52.8 l/h	60.8 l/h	74.2 l/h	81 l/h	85.5 l/h
0736803 RED MIST SPREADER 360°		 360° - 2 m	1M	43.2 l/h	52.8 l/h	60.8 l/h	74.2 l/h	82 l/h	85.5 l/h
0736804 YELLOW SPREADER 8 STREAM - 180°		 180° - 2 m	1M	43.2 l/h	52.8 l/h	60.8 l/h	74.2 l/h	83 l/h	85.5 l/h
0736805 STRIP SPREADER MAROON		 3 m	1.5M	43.2 l/h	52.8 l/h	60.8 l/h	74.2 l/h	84 l/h	85.5 l/h
0736806 STARTER SPREADER ORANGE - 360°		 360° - 1 m	0.8M	43.2 l/h	52.8 l/h	60.8 l/h	74.2 l/h	85 l/h	85.5 l/h
0736807 ROTATOR - BLACK 360°		 360° - 3,2 m	1.6M	43.2 l/h	52.8 l/h	60.8 l/h	74.2 l/h	86 l/h	85.5 l/h
0736820 BLACK SPREADER 90°		 90° - 1 m	1M	43.2 l/h	52.8 l/h	60.8 l/h	74.2 l/h	87 l/h	85.5 l/h
0736814			1.6M	43.2 l/h	52.8 l/h	60.8 l/h	74.2 l/h	94 l/h	85.5 l/h
0736821			1M	43.2 l/h	52.8 l/h	60.8 l/h	74.2 l/h	95 l/h	85.5 l/h

Rain-Jet



RAINJET MICRO 5 X HEAD PACKED

Micro-head consists of bridge, nozzle and/or distributor. Five included in packaging.

PRODUCT CODE	SIZE	MOQ
0736811	Yellow Mister	1
0736808	Blue Spreader	1
0736814	Black Swivel	1
0736812	Orange Spreader	1
0736813	Maroon Strip Spreader	1
0736810	Red Mister	1
0736809	Green 8 Stream	1
0736821	1.3 mm Blue + 90° Spreader	1



RAINJET MICRO 2 COMPLETE PACKED

Microjet complete with head, peg, pipe and connector. Two included in packaging.

PRODUCT CODE	SIZE	MOQ
0736807	Black Swivel 360°	1
0736803	Red Mister 360°	1
0736802	Green 8 Stream 180°	1
0736801	Blue Spreader 360°	1
0736820	Black Spreader 90°	1
0736804	Yellow Mister 180°	1
0736806	Orange Starter Spreader	1
0736805	Maroon Strip Spreader	1

Rain-Jet



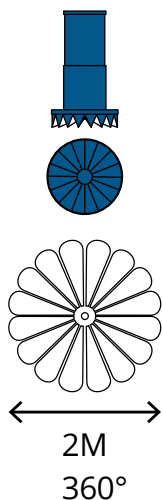
MICRO SPRINKLER SET 15 MM

LDPE 25 m x 15 mm garden irrigation mini-kit.

Consists of:

- 25 m pipe
- 6 x micro sprinklers complete with rotator
- 6 x micro sprinklers complete with 360° spreader
- 6 x micro sprinklers complete with strip spreader
- 6 x mist spreaders
- 6 x 180° spreaders
- All relevant full-flow fittings and micro-punch included

PRODUCT CODE	MOQ
AA025-15	1

17 STREAM
BLUE SPREADER
360°
RAINJET MICRO SPREADER 17
STREAM 360°

Spreaders with different irrigation patterns. Easily fits on body of product A0250, Rainjet G2 type.

PRODUCT CODE	SIZE	MOQ
A0181	Blue	10

RAINJET MICRO HEAD BLUE 17
STREAM 360°

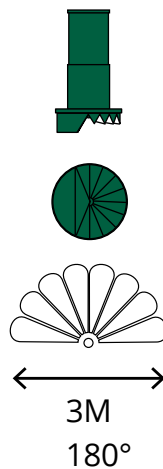
Micro head complete with spreader and nozzle.

PRODUCT CODE	SIZE	MOQ
A55401	1.3 mm Blue	20

RAINJET MICRO COMPLETE BLUE
17/360°

Rainjet 360° 17-stream completely assembled micro-sprayer consisting of sprayer body with nozzle, 450 mm universal peg and 600 mm flexible tube with 5 mm barbed adapter.

PRODUCT CODE	SIZE	MOQ
A55401C	1.3 mm Blue	20

8 STREAM
GREEN SPREADER
180°
RAINJET MICRO SPREADER 8
STREAM G2 180°

Spreaders with different irrigation patterns. Easily fits on body of product A0250 Rainjet G2 type.

PRODUCT CODE	SIZE	MOQ
A0183	Green	10

RAINJET MICRO HEAD GREEN 8
STREAM 180°

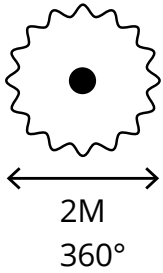
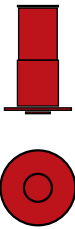
Micro head complete with spreader and nozzle.

PRODUCT CODE	SIZE	MOQ
A55403	1.3 mm Green	20

RAINJET MICRO COMPLETE GREEN
8/180°

Rainjet 180° eight-stream completely assembled micro-sprayer consisting of sprayer body with nozzle, 450 mm universal peg and 600 mm flexible tube with 5 mm barbed adapter.

PRODUCT CODE	SIZE	MOQ
A55403C	1.3 mm Blue	20

RED MIST
SPREADER
360°

Pressure (Bar)	Flow (ℓ/h)
0.5	43.2
0.75	52.8
1	60.8
1.5	74.2
1.75	82
2	85.5

Rain-Jet

RAINJET MICRO SPREADER MISTER
360°

Spreaders with different irrigation patterns. Easily fits on body of Rainjet G2 type at code A0250.

PRODUCT CODE	SIZE	MOQ
A0184	Red	10

Rain-Jet

RAINJET MICRO HEAD RED MISTER
360°

Micro head complete with spreader and nozzle.

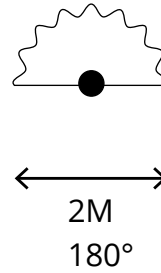
PRODUCT CODE	SIZE	MOQ
A55404	1.3 mm Red	20

Rain-Jet

RAINJET MICRO COMPLETE RED
MIST 360°

Rainjet 360° mist sprayer completely assembled consisting of sprayer body with nozzle, 450 mm universal peg and 600 mm flexible tube with 5 mm barbed adapter.

PRODUCT CODE	SIZE	MOQ
A55404C	1.3 mm Red	20

YELLOW
SPREADER
180°

Pressure (Bar)	Flow (ℓ/h)
0.5	43.2
0.75	52.8
1	60.8
1.5	74.2
1.75	83
2	85.5

Rain-Jet

RAINJET MICRO SPREADER MISTER
180°

Spreaders with different irrigation patterns. Easily fits on body at code A0250. Rainjet G2 type.

PRODUCT CODE	SIZE	MOQ
A0188	Yellow	10

Rain-Jet

RAINJET MICRO HEAD YELLOW
MISTER 180°

Micro head complete with spreader and nozzle.

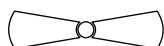
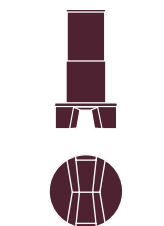
PRODUCT CODE	SIZE	MOQ
A55405	1.3 mm	20

Rain-Jet

RAINJET MICRO COMPLETE
YELLOW MIST 180°

Rainjet 180° mist sprayer completely assembled consisting of sprayer body with nozzle, 450 mm universal peg and 600 mm flexible tube with 5 mm barbed adapter.

PRODUCT CODE	SIZE	MOQ
A55405C	1.3 mm Yellow	20

MAROON MIST
SPREADER
360°

3M

Pressure (Bar)	Flow (ℓ/h)
0.5	43.2
0.75	52.8
1	60.8
1.5	74.2
1.75	84
2	85.5

Rain-Jet



RAINJET MICRO SPREADER STRIP

Spreader with different irrigation patterns. Easily fits on body at code A0250. Rainjet G2 type.

PRODUCT CODE	SIZE	MOQ
A0189	Maroon	10

Rain-Jet

RAINJET MICRO HEAD MAROON
STRIP SPRAY

Micro head complete with spreader and nozzle.

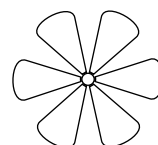
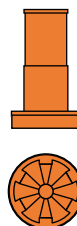
PRODUCT CODE	SIZE	MOQ
A55408	1.3 mm	20

Rain-Jet

RAINJET MICRO COMPLETE
MAROON STRIP SPRAY

Complete micro sprinkler with peg and pipe. Includes sprinkler head with strip spreader for the irrigation of narrow strips that need irrigation.

PRODUCT CODE	SIZE	MOQ
A55408C	1.3 mm	20

ORANGE
SPREADER
180°

2M
180°

Pressure (Bar)	Flow (ℓ/h)
0.5	43.2
0.75	52.8
1	60.8
1.5	74.2
1.75	83
2	85.5

Rain-Jet

RAINJET MICRO SPREADER
STARTER JET 360°

Spreader with different irrigation patterns. Easily fits on body at code A0250. Rainjet G2 type.

PRODUCT CODE	SIZE	MOQ
A0187	Orange	10

Rain-Jet

RAINJET MICRO HEAD ORANGE
STARTER JET 360°

Micro head complete with rotator and nozzle.

PRODUCT CODE	SIZE	MOQ
A55407	1.3 mm	20

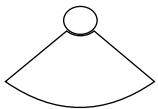
Rain-Jet

RAINJET MICRO COMPLETE
ORANGE STARTER JET 360°

Complete micro sprinkler with peg and pipe. Includes sprinkler head with starter jet for the irrigation of small plants. Spray pattern 360°.

PRODUCT CODE	SIZE	MOQ
A55407C	1.3 mm	20

BLACK MISTER SPREADER 90°



1M
90°

Pressure (Bar)	Flow (ℓ/h)
0.5	43.2
0.75	52.8
1	60.8
1.5	74.2
1.75	87
2	85.5

Rain-Jet



RAINJET MICRO SPREADER MISTER BLACK 90°

90° Spreader. Easily fits on Rainjet body at code A0250, G2 type.

PRODUCT CODE	MOQ
A0190	1

Rain-Jet



RAINJET MICRO HEAD BLACK MISTER 90°

Micro head complete with spreader and nozzle.

PRODUCT CODE	SIZE	MOQ
A55409	1.3 mm	20

Rain-Jet

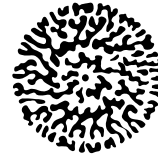


RAINJET MICRO COMPLETE BLACK 90°

Rainjet 90° mist sprayer. Completely assembled. Consists of sprayer body with nozzle, 450 mm universal peg and 600 mm flexible tube with 5 mm barbed adapter.

PRODUCT CODE	SIZE	MOQ
A55409C	1.3 mm	20

ROTATOR G2 360°



3,2M
180°

Pressure (Bar)	Flow (ℓ/h)
0.5	43.2
0.75	52.8
1	60.8
1.5	74.2
1.75	86
2	85.5

Rain-Jet



RAINJET MICRO ROTATOR G2-TYPE

Together with holder at code A0186, it holds the rotator in place. Gives 360° pattern. Fits easily on body at code A0250.

PRODUCT CODE	SIZE	MOQ
A0186	Black	10

Rain-Jet



RAINJET MICRO HEAD BLACK ROTATOR 360°

Micro head complete with spreader and nozzle.

PRODUCT CODE	SIZE	MOQ
A55406	1.3 mm	20

Rain-Jet



RAINJET MICRO COMPLETE BLACK ROTATOR

Rainjet 360° completely assembled rotator sprayer consisting of sprayer body with nozzle, 450 mm universal peg and 600 mm flexible tube with 5 mm barbed adapter.

PRODUCT CODE	SIZE	MOQ
A55406C	1.3 mm Blue	20

 Rain-Jet
**RAINJET MICRO NOZZLE MIST 180°**

Made of plastic. This jet is shaped to create a mist. Especially used in gardens for watering flowers and shrubs.

PRODUCT CODE	SIZE	MOQ
A0071	1.0 mm	10
A0072	1.3 mm	10

 Rain-Jet
**RAINJET MICRO NOZZLE MIST 360°**

Made of UV-resistant plastic. This jet is shaped to create a mist of 360°. Especially used in gardens for watering flowers and shrubs.

PRODUCT CODE	SIZE	MOQ
A0082	1.0 mm	10
A0083	1.3 mm	10

 Rain-Jet
**RAINJET MICRO ROTATING KIT**

Rainjet complete micro rotator with 1.5 mm nozzle on aluminium peg. Plastic flexible pipe and connector included.

PRODUCT CODE	SIZE	MOQ
AQ002	0.5 m	10
AQ001	1 m	10

 Rain-Jet
**RAINJET MICRO MIST JET BLUE 180° PACKED 10**

Mist jet screws directly into pipe for irrigation of smaller crops.

PRODUCT CODE	MOQ
AA0071	1

 Rain-Jet
**RAINJET MICRO MIST JET GREEN 360° PACKED 10**

Mist jet screws directly into pipe for irrigation of smaller crops.

PRODUCT CODE	MOQ
AA0083	1

 Rain-Jet
**RAINJET MICRO SPREADER KIT**

Rainjet complete micro 360° mist spreader with 1.5 mm nozzle on aluminium peg. Plastic flexible pipe and connector included.

PRODUCT CODE	SIZE	MOQ
AQ004	0.5 m	10
AQ003	1 m	10

 Rain-Jet
**RAINJET MICRO BODY G2-TYPE BLACK**

Body fitted with either spreader or rotator together with a nozzle that fits in at the lower side.

PRODUCT CODE	MOQ
A0250	10

 Rain-Jet
**RAINJET MICRO NOZZLE**

Nozzles used with Rainjet body. Different nozzles available with range of different volumes of water delivered per hour. Fits body at code A0250.

PRODUCT CODE	SIZE	MOQ
A0257	1.3 mm Blue	10
A0258	1.5 mm Red	10

 Rain-Jet
**RAINJET MICRO PIPE RIGID RISER 5 PACK**

Micro jet screw in direct on top of riser pipe.

PRODUCT CODE	SIZE	MOQ
AR0104P	300 mm	1
AR0105P	450 mm	1

 Rain-Jet


RAINJET MICRO PLUG GF8

This barbed micro line stopper is made of plastic and is fitted into polyethylene pipe.

PRODUCT CODE	MOQ
A0094	10

 Rain-Jet


RAINJET MICRO PLUG GF8 PACKED 10

Plug to close old or incorrect holes in plastic pipe. 10 Plugs per pack.

PRODUCT CODE	MOQ
AA0094	1

 Rain-Jet


RAINJET MICRO ADAPTOR THREADED

Made of cast-plastic and is threaded on both ends M5 to serve as connection between the polyethylene pipe and the rigid upright pipes.

PRODUCT CODE	SIZE	MOQ
A0147	5 mm	10

 Rain-Jet


RAINJET MICRO ADAPTOR BARBED- THREADED

Connection with insert/threaded combination to use with micro pipe or riser pipe.

PRODUCT CODE	SIZE	MOQ
A0146	5 mm	10

 Rain-Jet


RAINJET MICRO CONNECTION COMBINATION PACKED

Pack of 10 combination micro connections for use with micro pipe. Barbed on one side and screwed on the other.

PRODUCT CODE	SIZE	MOQ
0736816	5 mm	1

 Rain-Jet


RAINJET MICRO CONNECTION SCREWED PACKED

Pack of 10 screwed micro connections for use with micro pipe.

PRODUCT CODE	SIZE	MOQ
7036815	5 mm	1

 Rain-Jet


RAINJET MICRO ADAPTOR THREADED BUTTERFLY

Connection with butterfly/threaded combination.

PRODUCT CODE	SIZE	MOQ
A0149	5 mm	10

 Rain-Jet


RAINJET MICRO ADAPTOR SCREWED BUTTERFLY M5 P

Adapter to be used with stiff riser and DT.

PRODUCT CODE	SIZE	MOQ
AA0149	5 mm	1

 Rain-Jet


RAINJET MICRO CHOKES 5 MM PACKED 2

Pack of 2 chokes. Use with code 0736825.

PRODUCT CODE	MOQ
AA0085	1

Rain-Jet



RAINJET MICRO ADAPTOR BARBED BUTTERFLY

Connection with insert/butterfly combination.

PRODUCT CODE	SIZE	MOQ
A0148	5 mm	10

Rain-Jet



RAINJET MICRO BARBED BUTTERFLY PACKED 10

Pack of 10 insert/butterfly adaptor. Use with code 0736825.

PRODUCT CODE	MOQ
AA0148	1

Rain-Jet



RAINJET MICRO TEE 5 MM PACKED 10

Pack of 10 x 5 mm micro tee's. Use with code 0736825.

PRODUCT CODE	MOQ
AA0084	1

Rain-Jet



RAINJET MICRO 5 X HEAD PACKED

Connection with insert/insert combination to use with micro pipe.

PRODUCT CODE	SIZE	MOQ
A0145	5 mm	10

Rain-Jet



RAINJET MICRO BARB GF8 CONNECTION PACKED

Pack of 10 barbed micro connections for use with micro pipe.

PRODUCT CODE	MOQ
0736817	1

Rain-Jet



RAINJET MICRO ADAPTOR JET

This plastic adaptor is suitable to accommodate any of the popular micro jets, eg G2-jet; Gulf-jet, etc.

PRODUCT CODE	MOQ
A0096	10

Rain-Jet



RAINJET MICRO SPREADER 12 STREAM 360° BROWN

Spreaders with different irrigation patterns. Fits on body at code A0128 by sliding it into place.

PRODUCT CODE	SIZE	MOQ
A0121	Brown	1

Rain-Jet



RAINJET MICRO SPREADER 15 STREAM 360°

Spreaders with different irrigation patterns. Fits on body at code A0128 by sliding it into place.

PRODUCT CODE	SIZE	MOQ
A0130	White	10

Rain-Jet



RAINJET MICRO BODY D-TYPE BLACK

D-type spreaders are fitted directly onto the body. Made of UV resistant material. Body fits directly on pipe or on riser pipe to water bigger plants.

PRODUCT CODE	SIZE	MOQ
A0126	1.0 mm	10
A0128	1.6 mm	10
A0127	1.3 mm	10



RAINJET MICRO ROTATOR G2-TYPE HOLDER

Holds rotator at code A02500 in place.

PRODUCT CODE	SIZE	MOQ
A0185G2	Red	10



MICRO JET ASSEMBLED CONNECTOR E1-16 CAP SCREW

Use with cap and filter to mount micro sprinkler. Cap at code A0002 and filter at code A0031.

PRODUCT CODE	MOQ
A0042	10



MICRO JET ASSEMBLED CONNECTOR M-TYPE CAP SCREW

Use as cap on adaptor at code A0042.

PRODUCT CODE	MOQ
A0002	10



MICRO TEE

Use with code 0736825.

PRODUCT CODE	SIZE	MOQ
A0084	5 mm	10



MICRO CHOKE BARBED

Use with 0736825.

PRODUCT CODE	SIZE	MOQ
A0085	5 mm	10



DRIPPER SUPERTIFF 3.8 l/h PACKED 5

Micro Supertiff 3.8 l/h packed.

PRODUCT CODE	MOQ
0736822	1



MICRO PEG ALUMINIUM

Manufactured from aluminium to prevent rust. Micro sprinkler head is pushed in onto the top and used with bigger plants where the standard 450 mm peg is too short.

PRODUCT CODE	SIZE	MOQ
A0173	0.5 m	10
A0174	1 m	10



MICRO PEG TUBE ADAPTOR ALUMINIUM

Consists of aluminium peg, plastic flexible tube, 5 mm insert coupling and adaptor. Rainjet, Dan or Gulf micro heads fit on adaptor.

PRODUCT CODE	SIZE	MOQ
AQ0001	1 m	20



MICRO PIPE RIGID RISER

Mounted directly on pipeline and micro jet fitted on top of riser pipe.

PRODUCT CODE	SIZE	MOQ
A0104	300 mm	10
A0105	450 mm	10



MICRO PEG PLASTIC UNIVERSAL

Universal peg only. Rainjet, Dan or Gulf micro sprinkler can be fitted onto peg.

PRODUCT CODE	SIZE	MOQ
A0150	400 mm	1



MICRO PEG PLASTIC UNIVERSAL PACKED 2

Universal peg only. Rainjet, Dan or Gulf micro sprinkler can be fitted onto peg. Packed in 2.

PRODUCT CODE	SIZE	MOQ
0736830	400 mm	2



RAINJET MICRO ADAPTOR PEG PIPE UNIVERSAL

Consists of universal peg, 600 mm flexible tube with 5 mm insert adapter. Rainjet, Dan, Gulf micro heads fit on universal peg.

PRODUCT CODE	SIZE	MOQ
A53000	400 mm	20



MICRO JET ASSEMBLED CONNECTOR FILTER

Micro filter for adaptor at code A0042.

PRODUCT CODE	MOQ
A0031	10



MICRO PEG SPRAYSTICK BLACK

Connected to micro pipe to be placed directly in plant bags/pots in nurseries. Contains three delivery points.

PRODUCT CODE	MOQ
A0062	10



PUNCH FOR MICRO PIPE PACKED

Hole punch for polyethylene pipe. Hole 4 mm.

PRODUCT CODE	MOQ
H2000P	1



PUNCH FOR MICRO PIPE

Hole punch for polyethylene pipe. Hole 4 mm. The quick-connector system transforms a simple garden hose into a versatile watering tool, allowing you to provide your plants and flowers with the right amount of water every time. Whether watering hanging plants and flower boxes, or taking care of any size lawn or garden.

PRODUCT CODE	MOQ
H2000	1



MICRO PIPE RIGID RISER 300 MM WITH CONNECTION

Rigid riser for microjet.

PRODUCT CODE	SIZE	MOQ
AR0104	300 mm	10
AR0105	450 mm	10



MICRO PIPE GF8 5 M

ID flexible 5 mm micro pipe. Use with code AA0148 and AA0145.

PRODUCT CODE	MOQ
736825	5 m



GULF SPREADERS							
ORANGE	YELLOW	RED	BROWN	BLUE	GREEN	BLACK	GREY
CONCAVE	CONVEX	180°	90°	STRIP	16 STREAM	UP-DOWN 16 STREAM	13 STREAM
							
							

RAIN-JET MICRO SPREADER PERFORMANCE

NOZZLE SIZE	NOZZLE COLOUR	SPRAY PATTERN	Operating Pressure (m)	Nominal Flow (ℓ/h)	Wetted Radius (m)	Wetted Radius (m)	Wetted Radius (m)	Wetted Radius (m)	Wetted Radius (m)	Wetted Radius (m)	Wetted Radius (m)	Wetted Radius (m)
1.0			10	30	0.35	1.0	1.2	1.2	1.65 x 0.45	1.55	1.55	1.55
			12.5	33.5	0.4	1.05	1.25	1.23	1.75 x 0.45	1.6	1.6	1.6
			15	37	0.45	1.1	1.3	1.26	1.85 x 0.45	1.7	1.7	1.7
1.2			10	50	0.5	1.0	1.2	1.2	2.2 x 0.5	2.1	2.1	2.1
			12.5	56	0.55	1.1	1.3	1.3	2.35 x 0.5	2.2	2.2	2.2
			15	61	0.6	1.15	1.35	1.35	2.55 x 0.5	2.25	2.25	2.25
1.4			10	60	0.5	1.0	1.2	1.27	2.2 x 0.6	2.1	2.1	2.1
			12.5	67	0.55	1.1	1.25	1.3	2.3 x 0.6	2.2	2.2	2.2
			15	73	0.55	1.1	1.25	1.35	2.3 x 0.6	2.2	2.2	2.2
1.5			10	70	0.5	1.05	1.2	1.3	2.25 x 0.6	2.15	2.15	2.15
			12.5	78	0.55	1.15	1.3	1.3	2.45 x 0.6	2.3	2.3	2.3
			15	86	0.6	1.2	1.4	1.4	2.6 x 0.6	2.45	2.45	2.45



SWIVELS			
YELLOW	BLUE	BLACK	ORANGE
Short Range	Mid Range	Medium Range	Long Range
			
			

GULF PERFORMANCE TABLE

NOZZLE SIZE	NOZZLE COLOUR	Operating Pressure (m)	Nominal Flow (ℓ/h)	Wetted Radius (m)	Wetted Radius (m)	Wetted Radius (m)	Wetted Radius (m)
1.0		10	30	1.0*	1.5	2.5	3.3
		12.5	33.5	1.0	1.6	2.6	3.4
		15	37	1.1	1.6	2.7	3.5
1.2		10	50	1.2	1.6	2.6	3.4
		12.5	56	1.2	1.6	2.7	3.5
		15	61	0.6	1.15	1.35	3.7
1.4		10	60	1.3	1.6	2.6	3.5
		12.5	67	1.3	1.7	2.8	3.6
		15	73	1.4	1.7	2.8	3.6
1.5		10	70	--	1.6	2.7	3.5
		12.5	78	--	1.7	2.8	3.7
		15	86	--	1.8	2.9	3.8



GULF MICRO HEAD GREY NOZZLE ORANGE CONCAVE 360°

Gulf complete micro sprinkler head with static concave orange spreader 360° 50 l/h, 0.5 m radius.

PRODUCT CODE	SIZE	MOQ
MSCS5002	SINGLE UNIT	10



GULF MICRO HEAD GREY NOZZLE ORANGE CONCAVE 360°

Gulf complete micro sprinkler head with static concave orange spreader 360° 50 l/h, 0.5 m radius.

PRODUCT CODE	SIZE	MOQ
PMSCS5002	10 PACK	1



GULF MICRO COMPLETE - GREY NOZZLE PEG AND TUBE ORANGE CONCAVE 360°

Gulf complete micro sprinkler orange concave 360° head, grey nozzle 50 l/h, 0.5 m radius with 400 mm peg and 600 mm tube.

PRODUCT CODE	SIZE	MOQ
CS50021060405	5 PACK	1
PMSCS5002106040	10 PACK	1



GULF MICRO HEAD GREEN NOZZLE YELLOW CONVEX 360°

Gulf complete micro sprinkler head with green nozzle and static convex yellow spreader 360° l/h, 1 m radius.

PRODUCT CODE	SIZE	MOQ
MSCS7001	SINGLE UNIT	10



GULF MICRO HEAD GREY NOZZLE YELLOW CONVEX 360°

Gulf complete micro sprinkler head with static convex yellow spreader 360° 50 l/h, 1 m radius.

PRODUCT CODE	SIZE	MOQ
MSCS5001	SINGLE UNIT	10



GULF MICRO HEAD GREY NOZZLE YELLOW CONVEX 360°

Gulf complete micro sprinkler head with static convex yellow spreader 360° 50 l/h, 1 m radius.

PRODUCT CODE	SIZE	MOQ
PMSCS5001	10 PACK	1



GULF MICRO COMPLETE - GREY NOZZLE PEG AND TUBE YELLOW CONVEX 360°

Gulf complete micro sprinkler yellow convex 360° head, grey nozzle 50 l/h, 1 m radius with 400 mm peg and 600 mm tube.

PRODUCT CODE	SIZE	MOQ
CS50011060405	5 PACK	1
PMSCS5001106040	10 PACK	1



GULF MICRO HEAD GREY NOZZLE RED 180°

Gulf complete micro sprinkler head with static red spreader 180° 50 l/h, 1.2 m radius.

PRODUCT CODE	SIZE	MOQ
PMSCS5003	10 PACK	1



GULF MICRO COMPLETE - GREY NOZZLE PEG AND TUBE RED 180°

Gulf complete micro sprinkler red 180° head, grey nozzle 50 l/h, 1.2 m radius with 400 mm peg and 600 mm tube.

PRODUCT CODE	SIZE	MOQ
CS50031060405	5 PACK	1
PMSCS5003106040	10 PACK	1



GULF MICRO HEAD GREY NOZZLE BROWN 90°

Gulf complete micro sprinkler head with brown static spreader 90 l/h, 1.2 m radius.

PRODUCT CODE	SIZE	MOQ
MSCS5009	SINGLE UNIT	10



GULF MICRO HEAD GREY NOZZLE BROWN 90°

Gulf complete micro sprinkler head with brown static spreader 90° 50 l/h 1.2 m radius.

PRODUCT CODE	SIZE	MOQ
PMSCS5009	10 PACK	1



GULF MICRO COMPLETE - GREY NOZZLE PEG AND TUBE BROWN 90°

Gulf complete micro sprinkler brown 90° head, grey nozzle 50 l/h, 1.2 m radius with 400 mm peg and 600 mm tube.

PRODUCT CODE	SIZE	MOQ
PMSCS5009106040	10 PACK	1



GULF MICRO HEAD GREY NOZZLE BLUE STRIP

Gulf complete micro sprinkler head with static blue strip spreader (bow-tie) 360° 50 l/h, 2.2 m x 0.5 m radius.

PRODUCT CODE	SIZE	MOQ
MSCS5004	SINGLE UNIT	10



GULF MICRO HEAD GREY NOZZLE BLUE STRIP

Gulf complete micro sprinkler head with static blue strip spreader (bow-tie) 360° 50 l/h 2.2 m x 0.5 m radius.

PRODUCT CODE	SIZE	MOQ
PMSCS5004	10 PACK	1



GULF MICRO COMPLETE - GREY NOZZLE PEG AND TUBE BLUE STRIP

Gulf complete micro sprinkler blue strip spreader head, grey nozzle 50 l/h, 2.2 x 0.5 m radius with 400 mm peg and 600 mm tube.

PRODUCT CODE	SIZE	MOQ
CS50041060405	5 PACK	1
PMSCS5004106040	10 PACK	1



GULF MICRO HEAD GREY NOZZLE GREEN 16 STREAM 360°

Gulf complete micro sprinkler head with static 16 stream green spreader 360° 50 l/h, 2.1 m radius.

PRODUCT CODE	SIZE	MOQ
MSCS5000	SINGLE UNIT	10



GULF MICRO HEAD GREY NOZZLE GREEN 16 STREAM 360°

Gulf complete micro sprinkler head with static 16 stream green spreader 360° 50 l/h, 2.1 m radius.

PRODUCT CODE	SIZE	MOQ
PMSCS5000	10 PACK	1



GULF MICRO COMPLETE - GREY NOZZLE PEG AND TUBE GREEN 16 STREAM 360°

Gulf complete micro sprinkler green 16 stream 360° head, grey nozzle 50 l/h, 2.1 m radius with 400 mm peg and 600 mm tube.

PRODUCT CODE	SIZE	MOQ
CS50001060405	5 PACK	1
PMSCS5000106040	10 PACK	1



GULF MICRO HEAD GREY NOZZLE BLACK 16 STREAM UP-DOWN 360°

Gulf complete micro sprinkler head with static black 16 stream up-down spreader 360° 50 l/h, 2.1 m radius.

PRODUCT CODE	SIZE	MOQ
PMSCS5007	10 PACK	1



GULF MICRO COMPLETE - GREY NOZZLE PEG AND TUBE BLACK 16 STREAM UP-DOWN 360°

Gulf complete micro sprinkler black 16 stream up-down 360° head, grey nozzle 50 l/h, 2.1 m radius with 400 mm peg and 600 mm tube.

PRODUCT CODE	SIZE	MOQ
PMSCS5007106040	10 PACK	1



GULF MICRO HEAD GREY NOZZLE GREY 13 STREAM 270°

Gulf complete micro sprinkler head with static grey 13 stream spreader 270° 50 l/h, 2.1 m radius.

PRODUCT CODE	SIZE	MOQ
MSCS5006	SINGLE UNIT	10



GULF MICRO HEAD GREY NOZZLE GREY 13 STREAM 270°

Gulf complete micro sprinkler head with static grey 13 stream spreader 270° 50 l/h, 2.1 m radius.

PRODUCT CODE	SIZE	MOQ
PMSCS5006	10 PACK	1



GULF MICRO COMPLETE - GREY NOZZLE PEG AND TUBE GREY 13 STREAM 270°

Gulf complete micro sprinkler grey 13 stream 270° head, grey nozzle 50 l/h, 2.1 m radius with 400 mm peg and 600 mm tube.

PRODUCT CODE	SIZE	MOQ
PMSCS5006106040	10 PACK	1



GULF MICRO HEAD BROWN NOZZLE YELLOW SWIVEL 360°

Gulf complete micro sprinkler head with brown nozzle and yellow swivel 30 l/h, 1 m radius.

PRODUCT CODE	SIZE	MOQ
MSCR3001	SINGLE UNIT	10



GULF MICRO HEAD GREY NOZZLE YELLOW SWIVEL 360°

Gulf complete micro sprinkler head with grey nozzle and yellow swivel 50 l/h, 1.2 m radius.

PRODUCT CODE	SIZE	MOQ
PMSCR5001	10 PACK	1



GULF MICRO COMPLETE - GREY NOZZLE PEG AND TUBE YELLOW SWIVEL 360°

Gulf complete micro sprinkler brown 90°.

PRODUCT CODE	SIZE	MOQ
CR50011060405	5 PACK	1
PMSCR5001106040	10 PACK	1



GULF MICRO HEAD GREY NOZZLE BLUE SWIVEL 360°

Gulf complete micro sprinkler head with grey nozzle and blue swivel 50 l/h, 1.6 m radius.

PRODUCT CODE	SIZE	MOQ
PMSCR5002	10 PACK	1



GULF MICRO COMPLETE - GREY NOZZLE PEG AND TUBE BLUE SWIVEL 360°

Gulf complete micro sprinkler blue swivel sprinkler head, grey nozzle 50 l/h, 1.6 m radius with 400 mm peg and 600 mm tube.

PRODUCT CODE	SIZE	MOQ
CR50021060405	5 PACK	1
PMSCR5002106040	10 PACK	1



GULF MICRO HEAD GREY NOZZLE BLACK SWIVEL 360°

Gulf complete micro sprinkler head with grey nozzle and black swivel 50 l/h, 2.6 m radius.

PRODUCT CODE	SIZE	MOQ
MSCR5004	SINGLE UNIT	10



GULF MICRO HEAD BLACK NOZZLE BLACK SWIVEL 360°

Gulf complete micro sprinkler head with black nozzle and black swivel 360° 60 l/h, 2.6 m radius.

PRODUCT CODE	SIZE	MOQ
MSCR6004	SINGLE UNIT	10



GULF MICRO HEAD GREY NOZZLE BLACK SWIVEL 360°

Gulf complete micro sprinkler head with grey nozzle and black swivel 50 l/h, 2.6 m radius.

PRODUCT CODE	SIZE	MOQ
PMSCR5004	10 PACK	1



GULF MICRO COMPLETE - GREY NOZZLE PEG AND TUBE BLACK SWIVEL 360°

Gulf complete micro sprinkler black swivel sprinkler head, grey nozzle 50 l/h, 2.6 m radius with 400 mm peg and 600 mm tube.

PRODUCT CODE	SIZE	MOQ
CR50041060405	5 PACK	1
PMSCR5004106040	10 PACK	1



GULF MICRO HEAD GREY NOZZLE ORANGE SWIVEL 360°

Gulf complete micro sprinkler head with grey nozzle and orange swivel 50 l/h, 3.4 m radius.

PRODUCT CODE	SIZE	MOQ
PMSCR5008	10 PACK	1



GULF MICRO COMPLETE - GREY NOZZLE PEG AND TUBE ORANGE SWIVEL 360°

Gulf complete micro sprinkler orange swivel sprinkler Head, grey nozzle 50 l/h, 3.4 m radius with 400 mm peg and 600 mm tube.

PRODUCT CODE	SIZE	MOQ
CR50081060405	5 PACK	1
PMSCR5008106040	10 PACK	1



GULF MICRO GREY NOZZLE WITH ALUMINIUM PEG 1 M BLACK SWIVEL 360°

Gulf complete micro sprinkler head with 1000 mm aluminium peg and 600 mm tube. Grey nozzle and black swivel 50 l/h, 2.6 m radius.

PRODUCT CODE	SIZE	MOQ
ALUMSCR5004	SINGLE UNIT	1



GULF MICRO GREY NOZZLE WITH ALUMINIUM PEG 1 M YELLOW 360°

Gulf complete micro sprinkler Head with 1000 mm aluminium peg and 600 mm tube. Grey nozzle static convex yellow spreader 360° 50 l/h, 1 m radius.

PRODUCT CODE	SIZE	MOQ
ALUMSCS5001	SINGLE UNIT	1



GULF MICRO GREY NOZZLE WITH ALUMINIUM PEG 1 M RED 180°

Gulf complete micro sprinkler head with 1000 mm aluminium peg and 600 mm tube. Grey nozzle static red spreader 180° 50 l/h, 1.2 m radius.

PRODUCT CODE	SIZE	MOQ
LWMSCSALU01	SINGLE UNIT 600mm	1



GULF MICRO RIGID RISER WITH PEG AND TUBE (5 PACK)

Gulf peg 400 mm (plastic) complete plus 300 mm rigid riser with connectors, designed to elevate micro sprinklers by up to 500 mm thus reaching over low growing shrubs and plants.

PRODUCT CODE	SIZE	MOQ
PSS400MSB1060R3	400 mm	1



GULF MICRO PLUG BARBED 4 MM

Gulf barbed plug. Designed to plug holes punched incorrectly.

PRODUCT CODE	SIZE	MOQ
PMS006010	10 PACK	1
PMS006020	20 PACK	1



GULF MICRO ADAPTOR SCREWED (20 PACK)

Gulf adaptor. Designed to be screwed into rigid type risers - both ends.

PRODUCT CODE	SIZE	MOQ
PMS002920	4 mm	1



GULF MICRO BARBED - BARBED ADAPTOR (20 PACK)

Gulf barbed-barbed adaptor. Designed to connect green micro tube for extensions or replacements.

PRODUCT CODE	SIZE	MOQ
PMS003020	4 mm	1



GULF MICRO BUTTERFLY THREADED 4 MM

Gulf butterfly replacement. Designed to be screwed into low density or rigid riser poly pipe on the one end and to receive Gulf micro sprinkler on the other end.

PRODUCT CODE	SIZE	MOQ
PMS003210	10 PACK	1
PMS003220	20 PACK	1



GULF BARBED BUTTERFLY TWIST-LOCK

Gulf connect micro tube to micro peg SS400 and to fit micro sprinkler head to it.

PRODUCT CODE	SIZE	MOQ
BUTTL	4 mm	10



GULF MICRO BUTTERFLY BARBED (10 PACK)

Gulf adaptor. Designed to join Gulf flex tube and Gulf sprinklers.

PRODUCT CODE	SIZE	MOQ
PMS003110	4 mm	1



GULF MICRO BUTTERFLY COMBINATION BARBED (20 PACK)

Gulf adaptor. Designed to join Gulf flex tube and Gulf sprinklers.

PRODUCT CODE	SIZE	MOQ
PMS002820	4 mm	1



GULF MICRO CHOKE BARBED (3 PACK)

Gulf Micro valve for sprinklers. Designed to isolate micro sprinklers situated in areas where wetting is not necessary at every normal irrigation cycle. Fits in-line on standard micro tube.

PRODUCT CODE	SIZE	MOQ
PBK633	5 mm	1



GULF MICRO T-PIECE (5 PACK)

Gulf T-Piece for green Gulf micro tube. Designed to split micro tubes or create take off tubes to isolated micro sprinklers.

PRODUCT CODE	SIZE	MOQ
PMMTBH24	4 mm	1



GULF MICRO PLASTIC PEG 400 MM

Gulf micro peg plastic 400 mm.

PRODUCT CODE	SIZE	MOQ
SS400	400 mm	1



**GULF MICRO PLASTIC PEG 400 MM
(5 PACK)**

Gulf plastic peg 400 mm. Designed to support Gulf tube and sprinkler.

PRODUCT CODE	SIZE	MOQ
PSS4005	400 mm	1



GULF MICRO PUNCH 4 MM (1 PACK)

Gulf micro punch. Designed to punch a 4 mm round hole in mainline where Gulf sprinklers and tubes take off supply water.

PRODUCT CODE	SIZE	MOQ
PMSMP	4 mm	1



**GULF MICRO SCREEN FILTER
130 MIC SCREEN**

Gulf amiad 20 mm tagline filter with 130 micron screen element for filtration of irrigation water used for micro sprinklers.

PRODUCT CODE	SIZE	MOQ
PTAG20C130S	20 mm	1
PTAG25C130S	25 mm	1



**GULF MICRO TUBE 600 MM
WITH BUTTERFLY AND ADAPTOR
COMPLETE (5 PACK)**

Gulf complete micro tube 600 mm with butterfly sprinkler connection and barb mainline connection.

PRODUCT CODE	SIZE	MOQ
P600TBB5	4 mm	1



**GULF MICRO TUBE 600 MM WITH
BUTTERFLY, ADAPTOR AND PEG
400 MM (10 PACK)**

Gulf replacement tube 600 mm + 400 mm PEG with barbed adaptor for connection with mainline and butterfly for connection with sprinkler.

PRODUCT CODE	SIZE	MOQ
PSS400MSP1060	400 mm	1

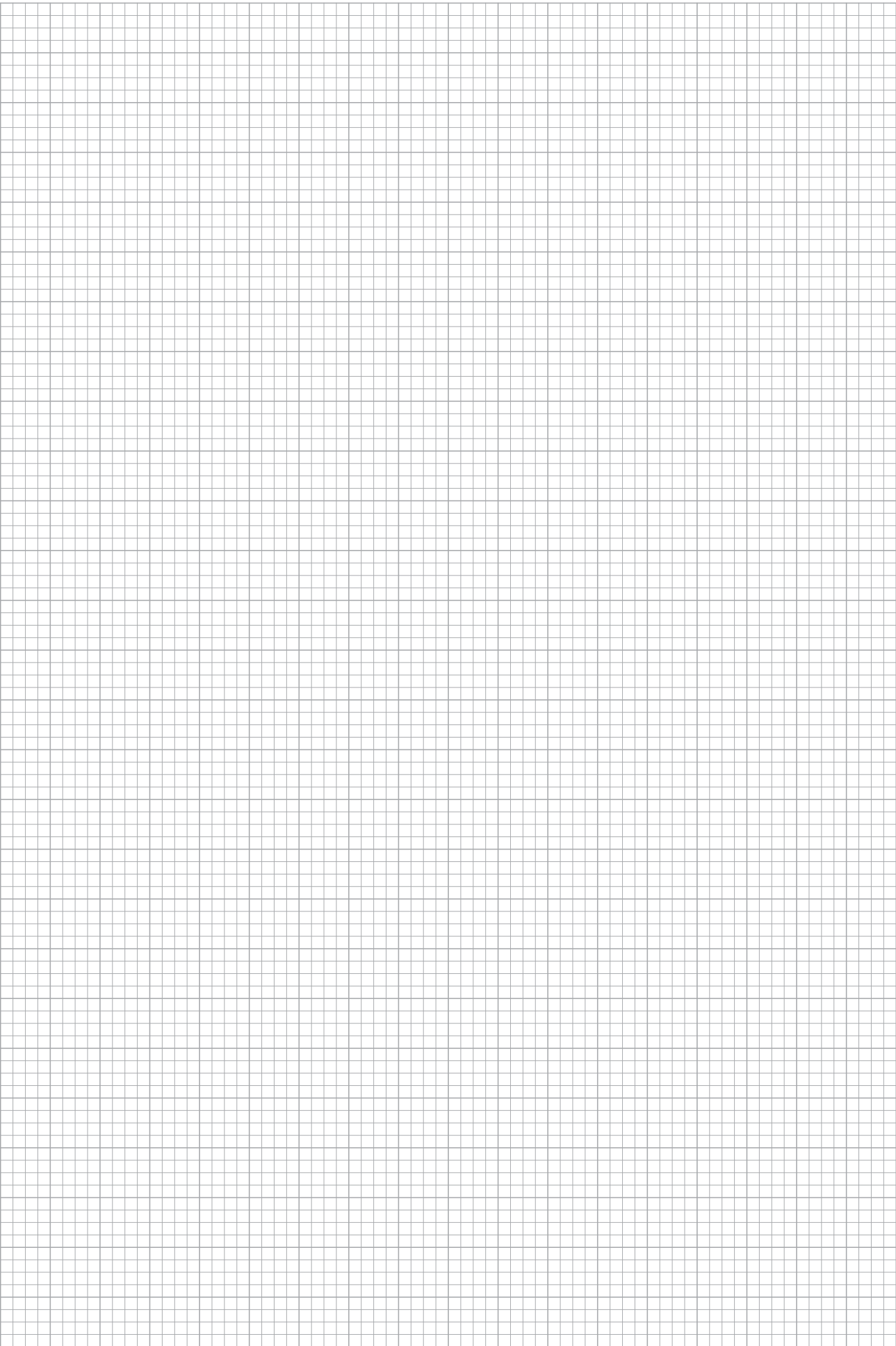


**GULF MICRO TUBE WITH
BUTTERFLY AND ADAPTOR 600 MM**

Gulf tube barbed/butterfly 600 mm.

PRODUCT CODE	SIZE	MOQ
TBB600TL	600 mm	10

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