

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

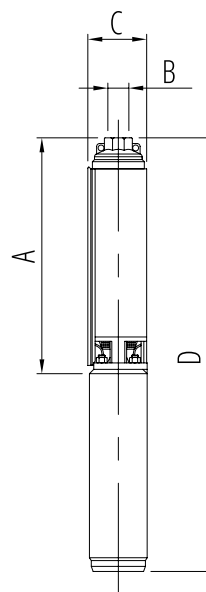
- Insulation Class F
- Protection IP68

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



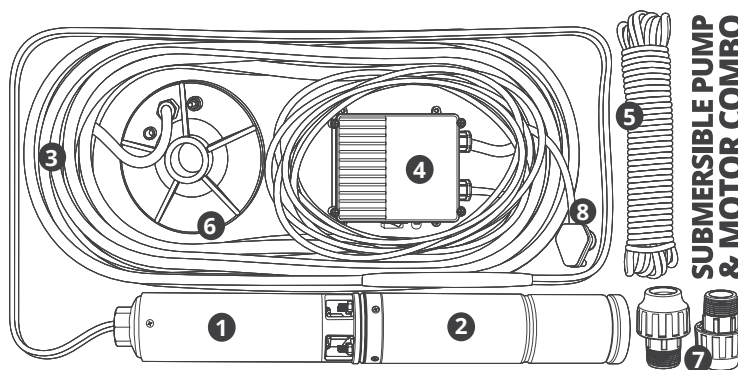
TYPE	MOTOR		Q = CAPACITY													
	P2		m³/h	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.6	PUMP	ELECTRO PUMP	
	kW	HP	ℓ/min	10	15	20	25	30	35	40	45	50	60	NET WEIGHT (kg)		
			Total head in meters w.c.													Single-phase
302ST-1005	0.37	0.5	H(m)	34	32	31	29	27	25	23	19	16	-	2.5	9.8	9.2
302ST-1007	0.37	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**

