

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

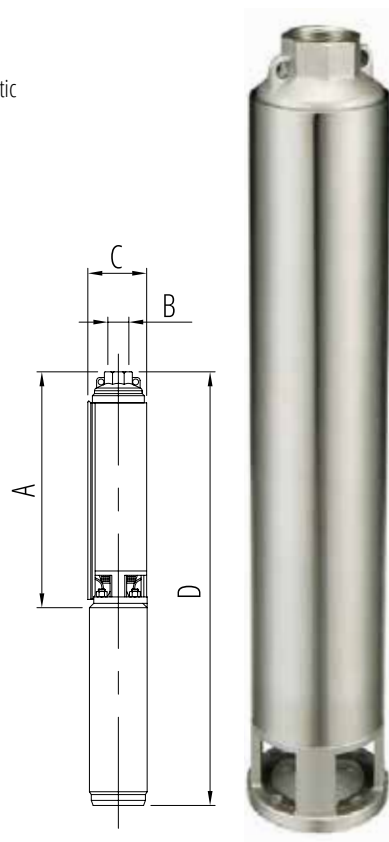
- Insulation Class F
- Protection IP68

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



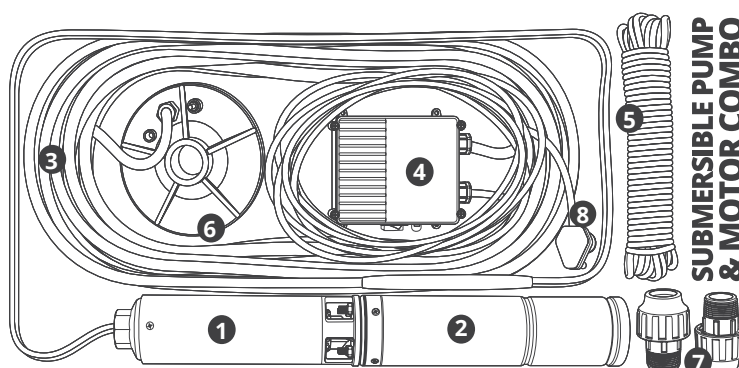
TYPE	MOTOR		Q = CAPACITY														
	P2		m³/h	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.6	4.2	4.8	PUMP	ELECTRO PUMP	
	kW	HP	ℓ/min	15	20	25	30	35	40	45	50	60	70	80	NET WEIGHT (kg)		
			Total head in meters w.c.														Single-phase
302ST-1305	0.37	0.5	H(m)	34	32	31	30	29	27	25	23	18	11	-	2.5	9.8	9.2
302ST-1308	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**

