

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

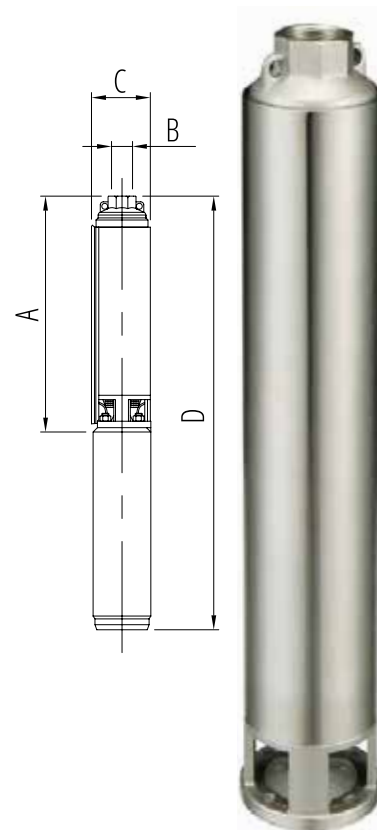
- Insulation Class F
- Protection IP68

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



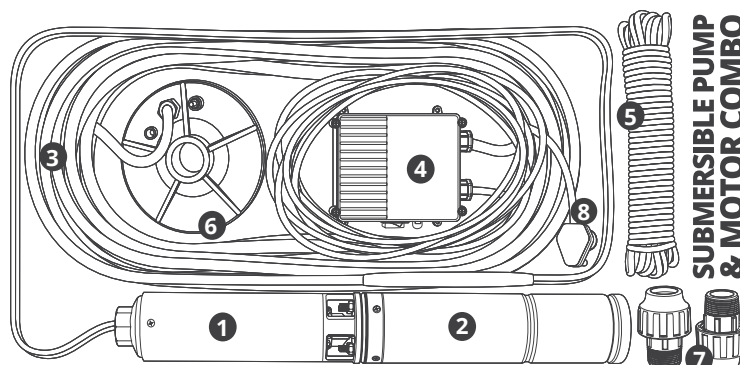
TYPE	MOTOR		Q = CAPACITY												PUMP	ELECTRO PUMP	
	P2		m ³ /h	1.8	2.1	2.4	2.7	3.0	3.6	4.2	4.8	5.4	6.0	7.2		NET WEIGHT (kg)	
	kW	HP	ℓ/min	Total head in meters w.c.												Single-phase	Three-phase
				26	23	22	22	21	19	17	14	11	7	-	2.4		
302ST-2504	0.37	0.5	30	35	40	45	50	60	70	80	90	100	120	2.4	9.7	9.1	
302ST-2506	0.55	0.75	30	35	40	45	50	60	70	80	90	100	120	2.9	11.1	10.3	
302ST-2508	0.75	1.0	30	35	40	45	50	60	70	80	90	100	120	3.3	12.1	11.5	
302ST-2512	1.1	1.5	30	35	40	45	50	60	70	80	90	100	120	4.1	14.1	13	
302ST-2516	1.5	2.0	30	35	40	45	50	60	70	80	90	100	120	5	16.5	15	
302ST-2524	2.2	3.0	30	35	40	45	50	60	70	80	90	100	120	7.6	21.6	19.2	
302ST-2532	3.0	4.0	30	35	40	45	50	60	70	80	90	100	120	9.7	29.1	24.9	
302ST-2540	3.7	5.0	30	35	40	45	50	60	70	80	90	100	120	11.4	34.1	N/A	
302ST-2544	4.0	5.5	30	35	40	45	50	60	70	80	90	100	120	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

