

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

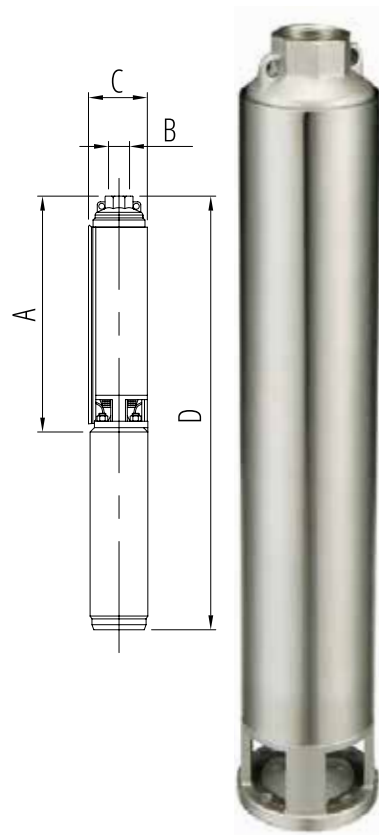
- Insulation Class F
- Protection IP68

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

