

# 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

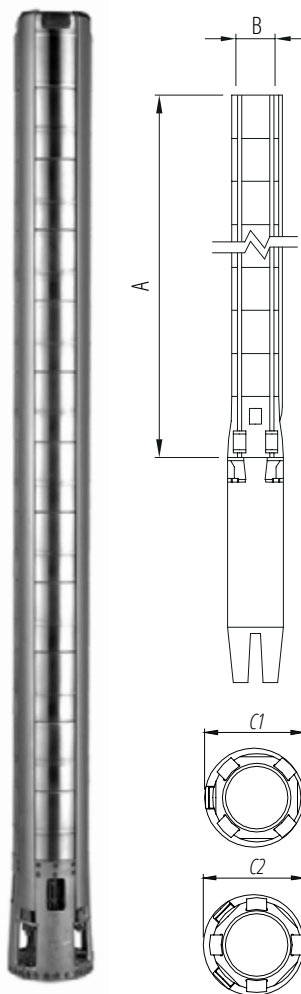
- Max ambient temperature (Liquid: 30°C)
- Sand content: Max. 50 g/m<sup>3</sup>

## 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	

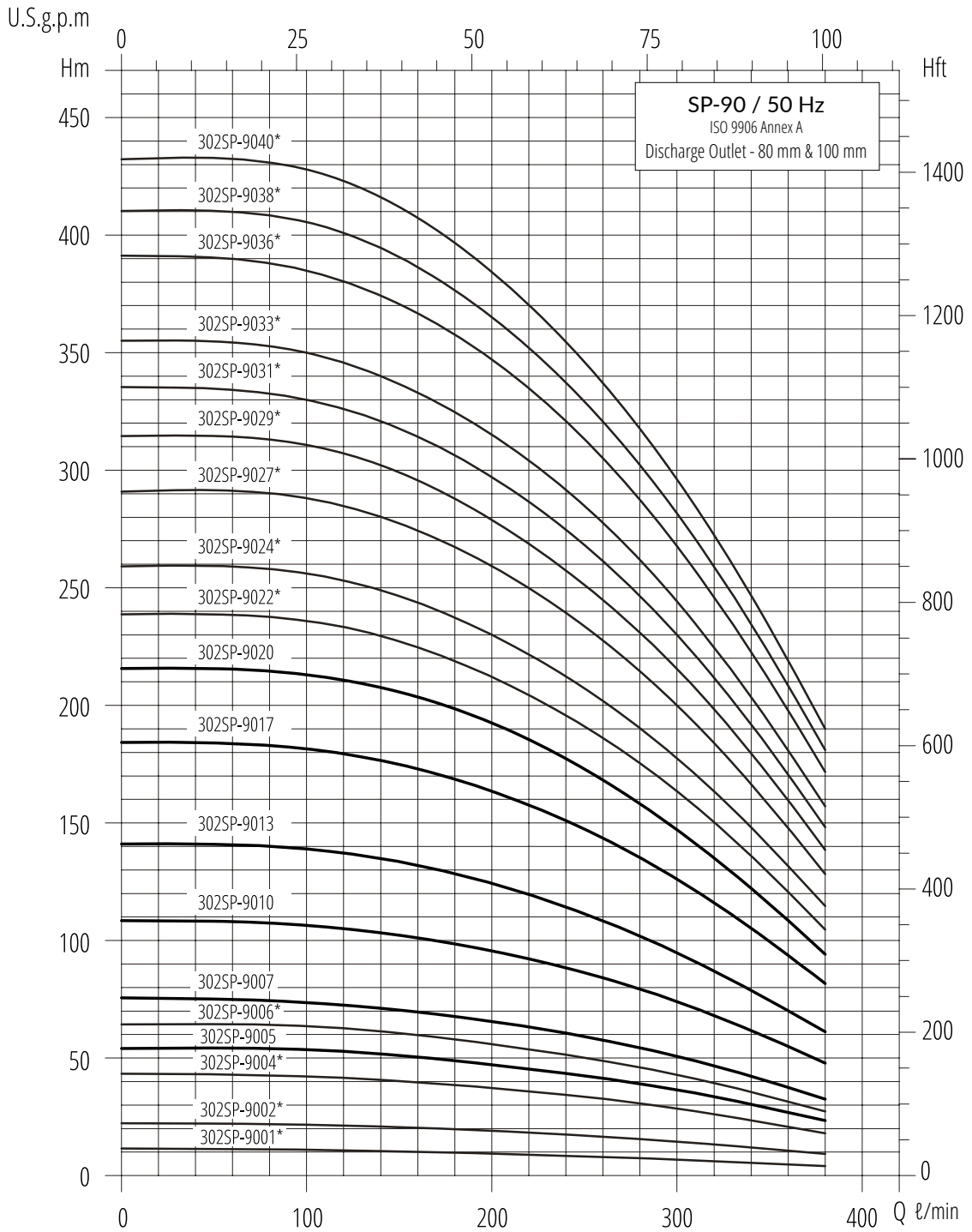
C1 - Maximum diameter of pump with one motor cable  
C2 - Maximum diameter of pump with two motor cable

\* Non-Stock item: Special order required

TYPE	MOTOR		MAX. CURRENT		Q = CAPACITY - 2900 rpm								
	P2		AMPERE		m <sup>3</sup> /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	237	228	212	190	163	129	105
302SP-9024*	13	17.5	50	29		260	257	247	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



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