



Pump and Motor Description

I. Benax **SP pump** series are high-performance and wear-resistant phreatic submersible electric pumps, which are combined and produced by importing Italian and American advanced pump-making techniques. The pump is coupled to a sealed liquid oil filled 2 pole asynchronous squirrel cage motor that adopts the standard of **American and Italian submersible motors**.

II. The body is covered with stainless case, and its rush pith is made with high-quality wear-resisting alloy and compound stainless steel materials, equipped with the special anti-wearing bearing structures of multi-level alloy rub against the wearable rubber. These pumps are designed specifically for borehole supply applications. They are of multistage centrifugal impeller design.

Pumped liquids: Clean thin, chemically non-aggressive liquids without solid particles or fibres.

Max Liquid Temp: +40°C

Minimum Borehole Diameter: 110mm

Max Immersion Depth: 200m

Enclosure Class: IP68 **Insulation Class:** F **Speed:** 2900rpm **Voltage:** 1ph-240V, 3ph-415V

PUMP DATA

Type	Motor		Theoretic Head	Pump Head	Flow Rate (M³/hr)						Dimensions (mm)				Weight
	HP	KW	M	M	Flow Rate (L/min)						Water Outlet	External Diameter	Max Size	Length	KG
					0	60	80	133	160	180					
4SP8/10	2	1.5	58	43	58	49	47	43	31	23	2"	87.3	98	440	6.52
4SP8/12	3	2.2	68	51	68	58	55	51	38	29				500	7.12
4SP8/15	3	2.2	87	64	87	74	69	64	46	36				590	8.02
4SP8/18	4	3	104	77	104	88	83	77	54	41				680	8.92
4SP8/21	5.5	4	120	90	120	103	97	90	67	51				770	9.82
4SP8/25	5.5	4	142	107	142	125	118	107	77	57				890	11.02
4SP8/30	7.5	5.5	172	129	172	153	144	129	100	76				1040	12.53
4SP8/37	7.5	5.5	210	159	210	175	165	159	105	82				1250	14.62
4SP8/44	10	7.5	251	189	251	215	204	189	135	95				1460	16.72
4SP8/50	10	7.5	288	215	288	254	242	215	168	129				1640	18.52
4SP8/66	15	11	380	280	380	340	310	280	220	170				3400	22.53

