



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
					0	1	1	2	2	2					
	HP	KW	M	M	Flow Rate (L/min)						A	B	C	D	KG
					0	15	20	25	33	40	Water Outlet	External Diameter	Max Size	Length	
4SP2/09	0.5	0.37	54	36	54	48	44	41	36	23	1 1/4"	86.7	98	337	3.24
4SP2/13	0.75	0.55	79	52	79	69	64	60	52	39				421	4.32
4SP2/18	1	0.75	107	72	107	93	87	80	72	55				525	5.66
4SP2/23	1.5	1.1	135	92	135	121	111	103	92	73				631	7.03
4SP2/33	2	1.5	188	132	188	170	161	149	132	97				840	9.73
4SP2/48	3	2.2	282	192	282	254	235	215	192	142				1155	13.77
4SP2/65	4	3	390	240	390	350	330	310	240	152				1565	18

