



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		Theoreti c Head	Pump Head	Flow Rate (M³/hr)						Dimensions (mm)				Weight
	HP	KW			M	M	0	3	4	4					
							Flow Rate (L/min)						A	B	C
					0	50	60	70	83	100	Water Outlet	External Diameter	Max Size	Length	
4SP5/08	1	0.8	52	32	52	42	39	37	32	25	1 1/2"	86.7	98	316	3.3
4SP5/12	1.5	1.1	76	48	76	61	58	53	48	35				400	4.42
4SP5/17	2	1.5	105	68	105	82	79	74	68	46				506	5.82
4SP5/25	3	2.2	156	100	156	125	118	110	100	67				673	8.05
4SP5/33	4	3	205	132	156	166	156	147	132	87				840	10.3
4SP5/44	5.5	4	281	176	156	221	210	195	176	122				1072	13.4
4SP5/60	7.5	5.5	350	240	156	294	276	256	240	155				1408	17.85

