

# SP RANGE OF 4" SUBMERSIBLE PUMPS

A range of 4" multi-stage centrifugal pumps with stainless steel closed impellers, suitable for abstraction of water from boreholes.

Fitted with water lubricated encapsulated 1 or 3 phase motors.

### Features:

- Non-polluting corrosion resistant stainless steel construction
- Precision stainless steel intermediate chambers assist optimum performance even when water pressure is greatest
- High performance, high efficiency stainless steel impeller is considerably more resistant to abrasion than plastic or brass impellers & provide better service life

### Construction:

Casing: 304 stainless steel  
 Shaft: 304 stainless steel  
 Discharge head: 304 stainless steel  
 Impeller assembly: 304 stainless steel  
 Built-in non-return valve  
 Stainless steel lifting hook  
 Discharge connection: 1¼" BSP

### Encapsulated motor:

304 stainless steel  
 240V 1 phase or 240V/415V 3 phase  
 Hermetically sealed stator  
 Water lubricated bearings  
 Protection IP68  
 Water Bloc cable connection  
 Starts/hour - 40 maximum  
 Separate starter box for 1 phase motor

### Operating conditions:

Maximum temperature: 30 °C  
 Maximum sand content: 50 gr/m<sup>3</sup>  
 Starts/hour: 40 maximum

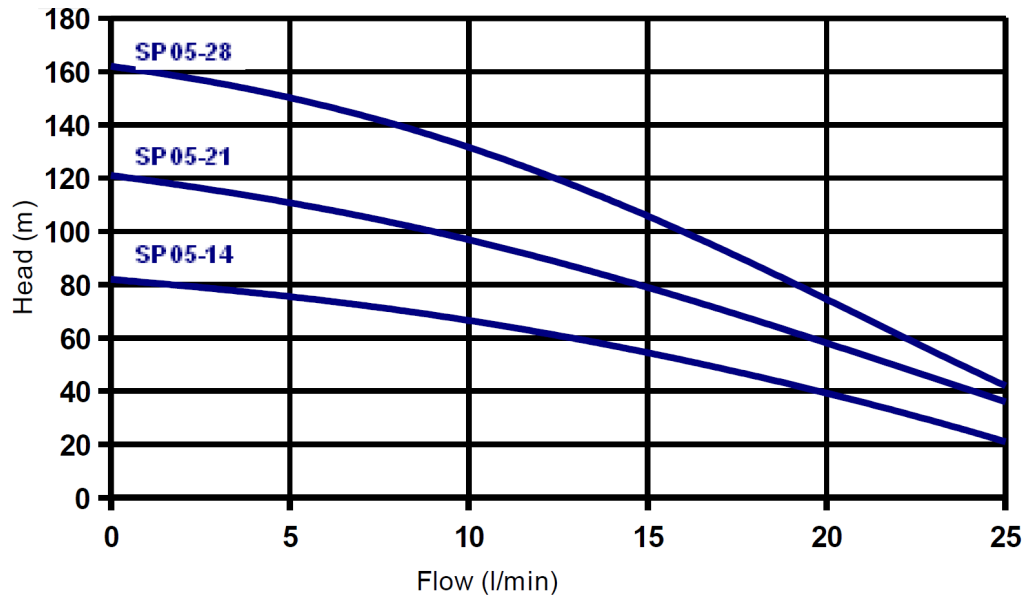


### Pump selection:

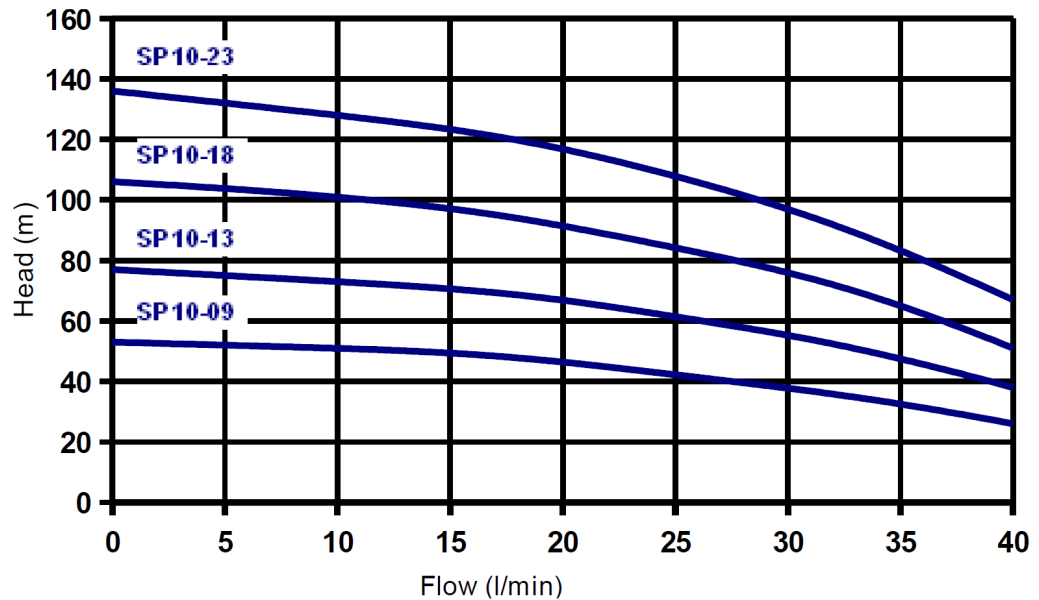
	kW	A		Flowrate litres/min													Kg	
		1~230	3~400	0	5	10	15	20	25	30	35	40	45	50	60	70	1~230	3~400
<b>SP05-14</b>	0.37	3.3	1.6	82	76	70	56	41	21								10.4	9.7
<b>SP05-21</b>	0.55	4.6	1.9	121	112	101	81	58	36								13	11.7
<b>SP05-28</b>	0.75	6.2	2.4	162	153	138	111	73	42								15.2	14.2
<b>SP10-09</b>	0.37	3.3	1.6	53			50	47	42	38	33	26					9.7	9
<b>SP10-13</b>	0.55	4.6	1.9	77			71	68	61	56	48	38					11.8	10.5
<b>SP10-18</b>	0.75	6.2	2.4	106			98	92	84	77	66	51					13.7	12.7
<b>SP10-23</b>	1.1	8.6	3.4	136			124	118	108	98	84	67					16.7	14.7
<b>SP10-28</b>	1.5	11	4.4	166			155	146	134	120	103	82					19.6	17.6
<b>SP18-12</b>	0.75	6.2	2.4	78					67	65	62	59	56	52	42	28	12.6	11.6
<b>SP18-18</b>	1.1	8.6	3.4	117					101	98	93	89	83	78	64	42	15.7	13.7
<b>ST18-25</b>	1.5	11	4.4	162					140	134	128	121	113	106	86	58	19.1	17.1
<b>SP18-33</b>	2.2	16	5.9	212					180	173	168	160	150	138	109	73	23.5	22.7

**Performance curves:**

**SP05 Range**



**SP10 Range**



**SP18 Range**

