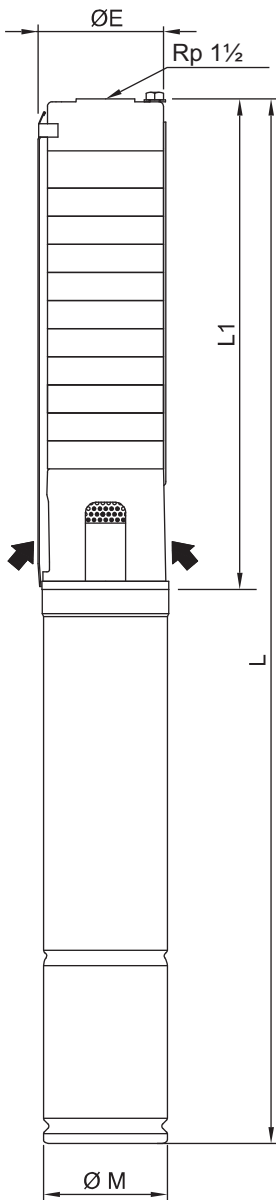


# Technical Data

## Radial Flow 4" Electric Submersible Pump

# W5A

4 INCH



W5A/75 and W5A/85 are Mounted in Sleeve for R 1¼ connection.

### Performance Chart

Pump Type	Motor Type		H.P.	KW	Q M <sup>3</sup> /h l/min	n = 2900 rpm					
	Oil filled	Water filled				0	0.7	2.4	4.0	5.5	6.7
						0	13	40	67	39	113
W5A/04	H4505	L4505	0.50	0.37	H mts.	26	24	23	20	14	-
W5A/06	H4507	L4507	0.75	0.55		39	36	32	29	20	11
W5A/08	H4510	L4510	1.00	0.75		51	48	44	38	27	15
W5A/12	H4515	L4515	1.50	1.10		77	72	65	57	40	22
W5A/17	H4520	L4520	2.00	1.50		109	103	92	80	57	30
W5A/21	H4530	L4530	3.00	2.20		135	127	116	100	73	40
W5A/25	H4530	L4530	3.00	2.20		160	150	137	118	84	45
W5A/33	H4540	L4540	4.00	3.00		211	198	179	154	110	59
W5A/38	H4555	L4555	5.50	4.00		250	236	213	186	134	72
W5A/44	H4555	L4555	5.50	4.00		281	265	239	207	148	80
W5A/52	H4575	L4575	7.50	5.50		333	315	285	249	179	100
W5A/60	H4575	L4575	7.50	5.50		384	365	326	283	202	110
W5A/75	H45100	L6510-KP	10.00	7.50		480	453	409	355	254	137
W5A/85	H45100	L6510-KP	10.00	7.50		542	510	459	397	280	150

### Dimensions & Weights of Pump with Oil filled Motor

Type Pump + Motor	ØM (mm)	ØE (mm)	Length (mm)			Packaging Details					
			L1	L		Gross Weight (kg)			Gross Volume (m <sup>3</sup> )		
				1~	3~	Pump	1~	3~	Pump	1~	3~
W5A/04 + H4505	95	101	240	632	622	3.0	13.4	13.4	0.0051	0.0145	0.0145
W5A/06 + H4507	95	101	282	699	684	3.4	14.5	13.9	0.0051	0.0145	0.0145
W5A/08 + H4510	95	101	324	756	741	3.8	15.7	15.2	0.0051	0.0145	0.0145
W5A/12 + H4515	95	101	408	880	840	5.1	19	17.2	0.0051	0.0145	0.0145
W5A/17 + H4520	95	101	513	1025	985	6.3	21.8	20.0	0.0106	0.0200	0.0200
W5A/21 + H4530	95	101	597	1169	1109	7.1	26.6	22.6	0.0106	0.0215	0.0200
W5A/25 + H4530	95	101	681	1253	1193	8.4	27.9	23.9	0.0106	0.0215	0.0200
W5A/33 + H4540	95	101	849	-	1421	10.0	-	28.5	0.0106	-	0.0215
W5A/38 + H4555	95	101	998	1720	1620	11.2	32.9	32.9	0.0162	0.0271	0.0302
W5A/44 + H4555	95	101	1124	1846	1746	12.4	34.1	34.1	0.0162	0.0271	0.0302
W5A/52 + H4575	95	101	1292	-	2004	14.0	-	39.7	0.0162	-	0.0302
W5A/60 + H4575	95	101	1460	-	2172	15.8	-	41.5	0.0162	-	0.0302
W5A/75 + H45100	95	142	2146	-	2958	21.5	-	53.1	0.0204	-	0.0344
W5A/85 + H45100	95	142	2356	-	3168	62.0	-	93.6	0.0498	-	0.0638

### Dimensions & Weights of Pump with Water filled Motor

Type Pump + Motor	ØM (mm)	ØE (mm)	Length (mm)			Packaging Details					
			L1	L		Gross Weight (kg)			Gross Volume (m <sup>3</sup> )		
				1~	3~	Pump	1~	3~	Pump	1~	3~
W5A/04 + L4505	95	101	240	653	672	3.0	17.3	19.0	0.0051	0.0145	0.0145
W5A/06 + L4507	95	101	282	710	734	3.4	18.6	20.2	0.0051	0.0145	0.0145
W5A/08 + L4510	95	101	324	762	796	3.8	20.5	21.4	0.0051	0.0145	0.0145
W5A/12 + L4515	95	101	408	901	930	5.1	24.2	25.4	0.0051	0.0145	0.0160
W5A/17 + L4520	95	101	513	1056	1085	6.3	27.9	28.8	0.0106	0.0200	0.0215
W5A/21 + L4530	95	101	597	1240	1190	7.1	32.5	31.6	0.0106	0.0215	0.0215
W5A/25 + L4530	95	101	681	1324	1274	8.4	33.8	32.9	0.0106	0.0215	0.0215
W5A/33 + L4540	95	101	849	-	1522	10.0	-	37.0	0.0106	-	0.0246
W5A/38 + L4555	95	101	998	1791	1721	11.2	40.5	40.5	0.0162	0.0271	0.0302
W5A/44 + L4555	95	101	1124	1917	1847	12.4	41.7	41.7	0.0162	0.0271	0.0302
W5A/52 + L4575	95	101	1292	-	2135	14.0	-	45.5	0.0162	-	0.0302
W5A/60 + L4575	95	101	1460	-	2303	15.8	-	47.3	0.0162	-	0.0302
W5A/75 + L6510-KP	95	142	2146	-	2904	21.5	-	86.5	0.0204	-	0.0714
W5A/85 + L6510-KP	95	142	2356	-	3114	62.0	-	127.0	0.0498	-	0.1008

**Note :** ØE = For Single Cable Motor Maximum Diameter of Pump Inclusive of Cable Guard.  
For 4" Oil Filled and 4" Water Filled 3~ Motor add -T Subscript to Motor type.

# Performance Curves

Radial Flow 4" Electric Submersible Pump

**W5A**

**4 INCH**

