



ENCAPSULATED SUBMERSIBLE 6" MOTORS

Water cooled Motors with Encapsulated resin filled stator, Coupling dimensions and flange according to NEMA standard

CONSTRUCTION FEATURES

- 5.5-60 HP / 3PH. 380-415 Volts / 50Hz • High efficiency provides operation cost savings • Motor casing and shaft made of AISI304L stainless steel (Optional AISI316L) • High resistance coated cast iron upper and lower bracket (Optional AISI304L / AISI316L) • Water lubricated Kingsbury type thrust bearings • Protection IP68 • Sand slinger protection • Pressure equalizing diaphragm • Insulation class F • Removable lead cable • Starting method D.O.L. and star/delta, **Max. voltage fluctuation:** $\pm 10\%$, **Max. water temperature:** 35°C with at least 0.16 m/s of water flow speed, **Max. motor startings per hour:** 20, **Max. immersion depth:** 350 m, **Standard mounting position:** vertical and horizontal

TECHNICAL DATA

Model	P _N		Axial Load	Voltage	n _N	I _N	I _A	Efficiency (% load)			CosΦ (% load)			TN	TA	Weight
	HP	kW						kN	V	rpm	A	A	50			
VSM1.06/4.0-3ph.f50.V380-DCX	5.5	4	20	380	2850	9.2	34.0	78.5	80.3	79.0	0.75	0.82	0.83	13.4	18.0	40.5
VSM1.06/5.5-3ph.f50.V380-DCX	7.5	5.5	20		2770	12.4	48.0	78.5	80.3	78.3	0.80	0.83	0.86	18.8	28.7	42.5
VSM1.06/7.5-3ph.f50.V380-DCX	10	7.5	20		2840	16.5	69.0	77.7	80.5	80.2	0.76	0.83	0.86	25.0	44.2	48
VSM1.06/9.3-3ph.f50.V380-DCX	12.5	9.3	20		2840	20.3	94.6	79.6	81.8	80.5	0.76	0.83	0.87	31.2	56.0	50.5
VSM1.06/11.0-3ph.f50.V380-DCX	15	11	20		2840	23.6	90.0	80.3	82.6	81.0	0.77	0.82	0.87	37.0	70.0	55
VSM1.06/13.0-3ph.f50.V380-DCX	17.5	13	20		2860	27.6	145.2	79.8	82.3	81.5	0.80	0.84	0.87	43.5	85.0	59
VSM1.06/15.0-3ph.f50.V380-DCX	20	15	20		2845	32.1	181.0	80.1	82.6	81.5	0.79	0.85	0.87	50.3	98.0	61
VSM1.06/18.5-3ph.f50.V380-DCX	25	18.5	20		2860	40.5	246.0	79.4	82.3	82.0	0.77	0.82	0.85	61.6	137	68
VSM1.06/22.0-3ph.f50.V380-DCX	30	22	20		2850	47.5	279.0	81.2	83.2	82.2	0.78	0.84	0.86	73.6	157	74
VSM1.06/26.5-3ph.f50.V380-DCX	35	26.5	26		2850	57.9	338.0	81.7	83.7	82.5	0.76	0.81	0.84	88.7	193	79
VSM1.06/30.0-3ph.f50.V380-DCX	40	30	26.5		2870	64.5	412.0	80.2	82.9	83.0	0.77	0.83	0.85	99.2	239	88
VSM1.06/37.0-3ph.f50.V380-DCX	50	37	26.5		2860	80.0	478.0	80.3	82.8	83.0	0.75	0.81	0.85	124	248	137
VSM1.06/45.0-3ph.f50.V380-DCX	60	45	26.5		2850	96.5	520.0	81.6	83.7	83.0	0.77	0.83	0.85	151	286	150