

SEATEC SUBSEA SYSTEMS BV

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HDSM-001

Heavy Duty Submersible Electrical Motor



Highlights

- Size based on IEC 60072 built in dimensions (size 71-160)
- Oil filled (waterdepth upto 5.000 msw)
- Stainless Steel housing AISI316L (1.4404)
- Suitable for VSD operation (Variable Speed Drive)
- Power range 0,75-25kW
- Different submersible connectors and options available to suit your application

Power specifications (kW)

Framesize	3000rpm 2-pole	1500rpm 4-pole	1000rpm 6-pole	750rpm 8-pole
71	0,75	0,75	0,33	0,16
80	1,5	1,0	0,75	0,33
90	3,0	2,0	1,5	0,75
100	4,0	4,0	2,0	1,5
112	5,3	5,3	3,0	2,0
132	12,3	12,3	7,3	4,0
160	25,0	25,0	15,0	10,0

Outline drawings available upon request

Standard included	Options
<ul style="list-style-type: none"> • Flange B5 (Specify at order) • Flange B3 (Specify at order) • Earth connection on housing • Lifting eye lug (\geq framesize 90) • Suitable for oil compensation <ul style="list-style-type: none"> - 1x G1/4" compensation connection - 1x G1/4" de-aeration connection - Max 1,0 bar compensation pressure • 230Vac 50Hz 3-phase \leq 2,2kW • 400Vac 50Hz 3-phase • 690Vac 50Hz 3-phase \geq 2,2kW 	<ul style="list-style-type: none"> • Feet flange B35 • Waterdetection sensor • PTC Thermistor 150°C. In winding, 1 each ph • Winding PT 100 (3 wire) • Space Heater 220-240V 50W • 230Vac 50Hz 3-phase \geq 2,2kW • 690Vac 50Hz 3-phase \leq 2,2kW

Application examples



Motor gearbox combination



Feet mounted compact HPU
Hydraulic Power Unit