

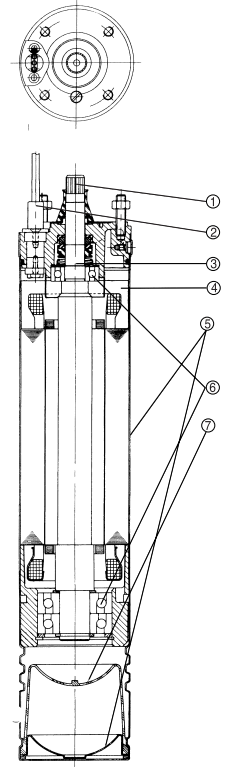
4" STAINLESS STEEL SUBMERSIBLE MOTOR

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FEATURES

- 1 NEMA COUPLING**
For universal fit, all mounting dimension are in accordance with NEMA standard.
- 2 ELECTRIC CABLE**
Removable four wire flat cable with watertight connector with integral earthing system.
- 3 SEALING SYSTEM**
The sealing system includes a labyrinth seal with a sand slinger for an effective sand prevention. A rotary mechanical seal with graphite/ceramic mating faces assure a very long life.
- 4 FILLING LIQUID**
A special food grade dielectric fluid gives a better lubricant effect increasing life of moving parts and life of insulation material with its superior coolant capabilities. The liquid high thermal capacity gives the motor superior overload capabilities.
- 5 CORROSION PREVENTION FEATURES**
For a better corrosion resistance motor frame and motor base end cover, are made out of AISI 304 SS. Shaft end is made out of AISI 303 SS. Standard upper side bracket is made of cast iron nickel plated. Stainless steel AISI 304, Bronze, Brass nickel plated, upper side bracket, are available.
- 6 BEARING SYSTEM**
Both radial and axial thrust bearing are ball bearing type. The filled liquid is a perfect environment for ball bearing ensuring higher upthrust load capabilities and long-life maintenance free operation.
- 7 PRESSURE EQUALISING SYSTEM**
Pressure equalising is made by a suitable rubber below specially designed to ensure proper heated liquid expansion and to create a positive seal pressure inside the motor.



Technical data													H	Cable A	B	Weight	
Type	kW	Hp	In	Ia	RPM	COS φ	Ca/Cn	EFF.%	μF	Vc	Thrust Load	mm	mm ²				mm
Single Phase 220V 50Hz	OPM 050	0,37	0,5	3,4	10,2	2860	0,94	0,75	53	20	450	1500 N	325	1,5	5,6	18,8	7
	OPM 075	0,55	0,75	4,5	13,6	2855	0,95	0,63	58	25	450		325				7,6
	OPM 100	0,75	1	5,8	18,5	2855	0,92	0,62	63	35	450		350				8,7
	OPM 150	1,1	1,5	7,8	26	2840	0,95	0,62	67	40	450		385				10,3
	OPM 200	1,5	2	10,6	34	2850	0,95	0,62	65	60	450		420				12
	OPM 300	2,2	3	14,9	48	2850	0,96	0,64	68	80	450		470				14,2
	OPM 300	2,2	3	14,9	48	2850	0,96	0,64	68	80	450		520				15,5
	OPM 300	2,2	3	14,9	48	2850	0,96	0,64	68	80	450		520				15,5
Three Phases 380V 50Hz	OPT 050	0,37	0,5	1,2	5	2830	0,73	2,8	58			1500 N	325	1,5	5,6	18,8	6,5
	OPT 075	0,55	0,75	1,75	7	2830	0,72	3,1	62				325				7
	OPT 100	0,75	1	2,4	10	2830	0,7	3,3	67				325				7,6
	OPT 150	1,1	1,5	3,4	14	2820	0,65	3,2	67				350				8,7
	OPT 200	1,5	2	4,4	17	2830	0,68	3,4	75				385				10,4
	OPT 300	2,2	3	6	24	2820	0,7	3,1	78				420				12
	OPT 300	2,2	3	6	24	2820	0,7	3,1	78				470				14,2
	OPT 400	3	4	7,9	34	2820	0,75	3,5	77				550				18,5
	OPT 400	3	4	7,9	34	2820	0,75	3,5	77				550				19
	OPT 550	4	5,5	10,0	47	2850	0,77	3,5	79				580				20
	OPT 750	5,5	7,5	14,4	58	2830	0,79	3,5	76				650				22,4
	OPT 1000	7,5	10	19,5	72	2820	0,83	3,2	80				810				27

6" STAINLESS STEEL SUBMERSIBLE MOTOR

OY6

OY6 MOTOR

- Submersible 6" motors cooled with dielectric non toxic coolant.
- Suitable for 10000 N axial thrust.
- Three phase motors from 4 kW to 30 kW.
- Classe F insulation and IP 58 protection.
- Motor shaft extension and coupling according to Nema standard.
- Base and frame made out of stainless steel.
- Upper body made of high resistance cast iron nickel plated.
- Availability of the same in bronze and AISI 304 stainless steel.
- Shaft made in stainless steel and balanced.
- Optimised design of pressure equalising rubber diaphragm and sand prevention with sand slinger.
- Irremovable electric cable with watertight connector.
- λ/Δ starting available as option.
- Easily disassembly and rewindability.



Technical data for OY6 series 6" motors										
Type	Thrust Load	Weight	H	kW	Hp	In	RPM	COD Ø	EFF%	Ca/Cn
	N	Kg	mm							
OY6 550	5000/10000	38	540	4	5,5	8,7	2860	0,79	78	3,0
OY6 750	5000/10000	40	570	5,5	7,5	13,1	2870	0,80	79	3,0
OY6 1000	10000	42	600	7,5	10	17,5	2840	0,85	78	2,5
OY6 1250	10000	45	600	9,2	12,5	21	2870	0,82	80	2,4
OY6 1500	10000	48	700	11	15	24,1	2860	0,83	83	2,4
OY6 1750	10000	50	700	12,8	17,5	27,8	2850	0,83	83	2,4
OY6 2000	10000	54	760	15	20	31,5	2850	0,88	82	2,5
OY6 2500	10000	65	830	18,5	25	41,5	2840	0,85	82	2,1
OY6 3000	10000	70	890	22	30	48	2870	0,86	83	2,0
OY6 4000	20000	90	1030	30	40	62	2860	0,86	86	2,0