



## 3" Oil Filled Submersible Motors

Type OP3 SERIES

### SMALL SIZE, GREAT QUALITY

*Thanks to its range of 3" submersible motors denominated OP3, Sumoto is now able to offer a valid instrument for the solution of problems due to well dimensions.*

The OP3-type is the outcome of a consistent design effort arising from the need to solve all the problems linked to reduced space. The motor still preserves the splined-shaft coupling system typical of the NEMA regulations. The electromechanical specifications are undoubtedly interesting and complying with all application requirements. Each motor is supplied with a 1.8 mt-long sealed cable directly connected with the winding.

### TECHNICAL FEATURES

- Atoxic dielectric liquid cooling
- Axial load to be carried : 1.200 N
- 0.37Kw to 0.75Kw single-phase version 0.37Kw to 1.1Kw three-phase version
- F class insulation - IP 58 protection
- Splined shaft extension for easy coupling
- AISI 303 stainless steel end shaft
- Compensation diaphragm and sand-seal suitable dimensions
- Easy to disassemble and to re-wind
- High-resistance nickelled-cast iron brackets
- Maximum voltage fluctuation admissible versus nominal rated voltage:  $\pm 10\%$



## OPERATING DATA

SINGLE PHASE													
Type	Thrust Load N	Weight kg	H mm	kW	Hp	In Amp	Istart Amp	RPM	CosØ	Ts/Tn	EFF%	µF	
220/230V	OPM 050	1200	6	377	0.37	0.5	3.75	8.8	2800	0.96	0.58	51	16
	OPM 075	1200	6.4	397	0.55	0.75	4.50	12.2	2800	0.98	0.54	55	20
	OPM 100	1200	6.8	416	0.75	1	5.85	14.5	2800	0.98	0.55	57	25
THREE PHASE													
380/400V	OPT 050	1200	6	377	0.37	0.5	2.00	8.0	2800	0.71	2.1	51	
	OPT 075	1200	6.1	377	0.55	0.75	2.10	9.1	2800	0.75	2	56	
	OPT 100	1200	6.4	397	0.75	1	2.50	11.7	2800	0.75	2	63	
	OPT 150	1200	6.8	416	1.1	1.5	3.20	14.0	2800	0.75	2	63	
220V	OPT 050	1200	6	377	0.37	0.5	3.50	14.0	2800	0.71	2.1	51	
	OPT 075	1200	6.1	377	0.55	0.75	3.70	16.0	2800	0.75	2	56	
	OPT 100	1200	6.4	397	0.75	1	4.40	20.0	2800	0.75	2	63	
	OPT 150	1200	6.8	416	1.1	1.5	5.60	24.0	2800	0.75	2	63	

\* Dimensional details are provided for reference only.

\* All specifications are subject to change without prior notice.



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