



3" High Speed Motor

Type OP3 High Speed

Submersible motors OP3" series high speed (max 8400rpm)

PRODUCT RANGE

- 600 W PWR supply three phase 220 V - 140 Hz
- 900 W PWR supply three phase 220 V - 140 Hz
- 1500 W PWR supply three phase 220 V - 140 Hz

TECHNICAL FEATURES

- Maximum external diameter (with frame washer) : 74.5 mm
- Total length :
 - 600 W - H 247 mm Weight 3.5 Kg
 - 900 W - H 277 mm Weight 4.2 Kg
 - 1500 W - H 307 mm Weight 5.0 Kg
- Shaft extension: 31 mm (tol. 0/+0.3)
- Shaft spline: m = 0.75 (no NEMA)
- Axial thrust: 1200 N
- Bearing types: SKF 7201BECR / 16002
- Protection: IP 58
- Insulation class: F
- Water temperature: 35 ° C
- pH water: 5.5 - 7.5
- Minimum frequency: 70 Hz
- Maximum starting / one hour: 30
- Maximum immersion deep: 150 m
- Installation: Vertical - Horizontal
- Power supply flat cable Mt. 1.75 (disconnectable connector)



SUMOTO INVERTER 140HZ



- Power Supply: 220 Volt single phase $\pm 10\%$ 50/60 Hz
- Power: 3 kW
- Max current line absorption: 16 A
- Max current motor absorption: 9.6 Amp
- Set pressure: 1.5 up to 8 Bar
- Protection:
 - Dry well
 - Under voltage / Overvoltage
 - Short circuit
 - Internal overheating
 - Phase voltage
 - Surge suppressor

OPERATING DATA

THREE PHASE

140 Hz	Type	Thrust Load N	Weight Kg	H mm	kW	Hp	In Amp	Istart Amp	Amps max	RPM	CosØ	EFF%	S.F
230V	3HS 600	1200	3.5	247	0.60	0.80	3.20	14	3.68	8100	0.76	57	1
	3HS 900	1200	4.2	277	0.90	1.25	4.70	20	5.45	8100	0.85	66	1
	3HS 1500	1200	5	307	1.50	2.00	7.20	28	8.3	8100	0.83	67	1

* Dimensional details are provided for reference only.

* All specifications are subject to change without prior notice.



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