



3" *High Speed Motors*

1500W

900W

600W



OP3 HIGH SPEED MOTORS

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 5,0Kg
- Shaft extension : 31 mm (toll. 0/+0,3)
- Shaft spline : m=0.75(no NEMA)
- Axial thrust : 1200 N
- Bearing types: SKF 7201BECF / 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 140 HZ

- 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

140Hz.													
Type	Thrust N	Load Kg	H mm	kW	Hp	In Amp	Istart Amp	Amps max	RPM	Cosφ	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



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