

JET PUMP 56J 3 PHASE AC MOTORS

HEAVY GAUGE ROLLED STEEL CONSTRUCTION

TEFC TOTALLY ENCLOSED FAN COOLED

MaxMotion

Applications:

Jet pump motors are designed for industrial and commercial applications in mind. Motors are designed with removable feet, allowing easy replacement of footless flange mounted motors or rigid base 56J TEFC motors mounting. Motor construction is suitable for processing, water treatment, and circulatory pumps. Typical industries where applicable, cement, chemical, food processing, agriculture & pulp & paper.



Features:

Design - MG-1 Design B and MG-1 Part 31, ambient temperature 40°C, altitude 100M, temperature rise B.

Agency Listings and Standard - NEMA, CSAus & CE Certified, Meets or exceeds MEPS (Minimum Efficiency Performance Standards) as described by US Department of Energy in docket 10CFR431 and Natural Resources Canada's Amendment 14 and RoHS compliant.

Service Factor - 1.15

Electrical Supply - 3 phase, 230/460VAC, 575VAC @ 60Hz: 3 phase 190/380VAC @ 50Hz, rated to the next lower HP.

Mounting - F1 Standard Assembly with removable 56H Rigid Base and NEMA C-Face Output w/316SS Threaded Shaft

Windings - Highest quality Corona Resistant, Inverter duty copper wire. VPI with additional dip and bake.

Efficiency - Integral HP models meet or exceed NEMA Premium efficiency levels.

Insulation - Class F insulation, with non-hydroscopic motor leads.

Voltage and Frequency Variation - $\pm 10\%$

Bearings - Permanently Lubricated High quality Double Shielded Ball Bearings with oversized DE bearings. Lithium based grease operating temperature range – 25° trough 175°C.

Enclosure Protection - IP55

Frame Construction - Rolled Steel with cast aluminum end shields and 316SS shaft.

Conduit Box - Rotatable 180°, with ½ NPT knockouts positioned for wiring access every 90° with rubber gasket between box and motor frame.

Inverter Duty - Contant torque: 10/1, variable torque: 20/1

Nameplate - Stainless Steel with etched details.

Drain Hole - Positioned in the stator frame at the lowest point, when motors a horizontally mounted.

Fan Cover - Plastic fan & heavy duty plastic fan guard

Warranty - 1 year

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HP	FL RPM	VOLTS	FRAME	CAT NO.	CONSTRUCTION	NOM EFF.	F.L. AMPS	CODE	WT (Lbs)	DE BRG	ODE BRG	"C" Dimension (Inch)
0.33	3490	230/460	56J	MQR-132J	Rolled Steel	63	1.32/.66	L	21	6205	6203	12.88
	3490	575	56J	MPR-132J	Rolled Steel	63	0.528	L	21	6205	6203	12.88
0.50	3445	230/460	56J	MQR-122J	Rolled Steel	70	1.8/.9	L	21	6205	6203	12.88
	3445	575	56J	MPR-122J	Rolled Steel	70	0.72	L	21	6205	6203	12.88
0.75	3455	230/460	56J	MQR-342J	Rolled Steel	73	2.37/1.87	L	22.5	6205	6203	12.88
	3455	575	56J	MPR-342J	Rolled Steel	73	0.95	L	22.5	6205	6203	12.88
1	3470	230/460	56J	MQRP-102J	Rolled Steel	77	3.05/1.53	L	25	6205	6203	12.88
	3470	575	56J	MPRP-102J	Rolled Steel	77	1.22	L	25	6205	6203	12.88
1.5	3480	230/460	56J	MQRP-152J	Rolled Steel	84	4.08/2.04	L	28	6205	6203	12.88
	3480	575	56J	MPRP-152J	Rolled Steel	84	1.63	L	28	6205	6203	12.88
2	3480	230/460	56J	MQRP-202J	Rolled Steel	85.5	5.15/2.58	L	32	6205	6203	12.88
	3480	575	56J	MPRP-202J	Rolled Steel	85.5	2.06	L	32	6205	6203	12.88
3	3490	230/460	56J	MQRP-302J	Rolled Steel	86.5	7.25/3.63	L	42	6205	6203	14.45
	3490	575	56J	MPRP-302J	Rolled Steel	86.5	2.9	L	42	6205	6203	14.45