SINGLE PHASE CENTRIFUGAL JET PUMP AC MOTORS

HEAVY GAUGE ROLLED STEEL CONSTRUCTION

TEFC TOTALLY ENCLOSED FAN COOLED

Max Motion

Applications:

A versatile design with removable base for footless mounting, for use on jet pumps, Robust motor design to meet demanding high starting torque applications in severe environmental conditions.

Features:

Design - L, suitable for ambient temperature of 40°C, altitude 1000M

Agency Listings and Standard - NEMA, CSAus and CSA Certified, RoHS Compliant

Service Factor - 1.15

Electrical Supply - 115/230VAC, 60Hz

Mounting - Universal mounting by feet or C flange, vertical shaft up or down.

Frame - NEMA 56C with threaded shaft for fixed CW rotation

Shaft - Made of 304 stainless steel with both DE & ODE oil seals

Windings - VPI with additional dip and bake, with numbered and color coded wire leads.

Insulation - Class F insulation with B temperature rise.

Protection - Automatic thermal overload.

Voltage and Frequency Variation - ±10%

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

Earthing Terminals - Grounding screw in conduit box

Enclosure Protection - IP55

Frame Construction - Rolled Steel with cast aluminum end shields

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

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	LRT	"C" Dimension (Inch)
0,33	3520	115/230	56J	MTR-132FDJH	Rolled Steel	67,3	3.83/1.92	L	22	6205	6203	300% +	11.1
	1770	115/230	56J	MTR-134FDJH	Rolled Steel	68,8	3.92/1.96	M	26	6205	6203	300% +	11.1
0,50	3520	115/230	56J	MTR-122FDJH	Rolled Steel	71,3	5.03/2.52	L	25	6205	6203	300% +	11.1
	1765	115/230	56J	MTR-124FDJH	Rolled Steel	74,6	5.7/2.85	M	27	6205	6203	300% +	11.1
0,75	3520	115/230	56J	MTR-342FDJH	Rolled Steel	77,5	6.82/3.41	L	26	6203	6203	300% +	11.1
	1760	115/230	56J	MTR-344FDJH	Rolled Steel	77	7.33/3.66	L	31	6205	6203	300% +	11.9
1	3520	115/230	56J	MTR-102FDJH	Rolled Steel	77,9	8.61/4.31	J	30	6205	6203	300% +	11.9
	1760	115/230	56J	MTR-104FDJH	Rolled Steel	79,8	9.09/4.54	K	38	6205	6203	300% +	12.9
1,5	3520	115/230	56J	MTR-152FDJH	Rolled Steel	82,3	12.47/6.23	J	36	6205	6203	283%	12.9
	1750	115/230	56J	MTR-154FDJH	Rolled Steel	81,8	12.41/6.2	J	44	6205	6203	294%	12.9
2	3510	115/230	56J	MTR-202FDJH	Rolled Steel	83	15.92/7.96	H	42	6205	6203	273%	12.9
	1750	115/230	56J	MTR-204FDJH	Rolled Steel	84,7	16.17/8.08	H	50	6205	6203	269%	14.1