

Nameplate Specifications

Phase:	3	Output HP:	0.50 & 0.33 Hp
Output KW:	0.37 & 0.25 kW	Voltage:	200-230/460 & 190/380 V
Speed:	1140 & 950 rpm	Service Factor:	1.0 & 1.0
Frame:	56Y	Enclosure:	Open Air Over
Thermal Protection:	Automatic	Efficiency:	68 & 65.5 %
Ambient Temperature:	70 °C	Frequency:	60 & 50 Hz
Current:	2.4-2.7/1.35 & 2.4/1.2 A	Power Factor:	52.3
Duty:	Continuous	Insulation Class:	H
Design Code:	NO DESIGN CODE	KVA Code:	L
Drive End Bearing Size:	6203	Opp Drive End Bearing Size:	6203
UL:	Recognized	CSA:	Y
CE:	N	IP Code:	10
Number of Speeds:	1		

Technical Specifications

Electrical Type:	Squirrel Cage Induction Run	Starting Method:	Across The Line
Poles:	6	Rotation:	Reversible
Resistance Main:	9.2 Ohms	Mounting:	Round Belly Band
Motor Orientation:	Horizontal	Drive End Bearing:	Ball
Opp Drive End Bearing:	Ball	Frame Material:	Rolled Steel
Shaft Type:	Single Special Extension	Overall Length:	14.06 in
Frame Length:	6.56 in	Shaft Diameter:	0.625 in
Shaft Extension:	5.06 in	Assembly/Box Mounting:	F1 ONLY

General Specifications

UPC:	722856038401	Weight:	20.00 LB
Packaged Length:	16.38 IN	Packaged Width:	10.50 IN
Packaged Height:	8.12 IN	HTC:	8501.51.4040
Country of Origin:	Mexico		

Speed Characteristics

Curvepoint	Current (Amps)	Current (%)	Torque (ft-lbs)	Torque (%)	Speed (RPM)	Rated Output (KW)	Power Factor (%)	Rated Output (Hp)
No Load	1.20	89.0	0.00	0.0	1,200			0.50
Full Load	1.35	100.0	2.30	100.0	1,140			0.50
Locked-Rotor	6.20	459.0	7.20	313.0	0			0.50
Pull-Up	5.80	430.0	6.50	283.0	600			0.50
2/3	5.50	407.0	7.50	326.0	800			0.50
1/3	6.00	444.0	6.50	283.0	400			0.50
Break-Down	4.00	296.0	9.00	391.0	890			0.50

Load Characteristics

% of Rated Load	0 %	25 %	50 %	75 %	100 %	115 %	125 %	150 %	175 %
Current (Amps)	1.20	1.20	1.20	1.20	1.35	1.40	1.45	1.50	1.60
Rated Output (KW)	0.13	0.22	0.33	0.43	0.54	0.60	0.66	0.77	0.89
Efficiency (%)	0.0	42.5	58.5	66.5	68.0	70.0	71.0	72.5	72.0
Power Factor (%)	13.5	24.0	34.5	44.0	52.3	57.5	59.5	65.0	70.5
Speed (RPM)	1,200	1,190	1,180	1,160	1,140	1,137	1,135	1,130	1,125
Temp. Rise @ FL	0.0	0.0	0.0	0.0	60.0	85.0	105.0	0.0	0.0
Torque (ft-lbs)	0.00	0.56	1.10	1.70	2.30	2.70	3.00	3.40	4.00