

General Specifications

P/N:	13750F	Weight:	41 LB
Packaged Length:	12.39 IN	Packaged Width:	8.66 IN
Packaged Height:	10 IN	Country of Origin:	China

Nameplate Specifications

Output HP:	1 Hp	Output KW:	0.75 kW
Frequency:	60 Hz	Voltage:	115/230 V
Current:	13.6/6.8 A	Speed:	1725 rpm
Service Factor:	1.15	Phase:	1
Efficiency:	69 %	Power Factor:	69
Duty:	15 Minute	Insulation Class:	B
Design Code:	N	KVA Code:	K
Frame:	56C	Enclosure:	Totally Enclosed Non-Ventilated
Thermal Protection:	No Protection	Ambient Temperature:	40 ° C
Drive End Bearing Size:	6203	Opp Drive End Bearing Size:	6203
UL:	Recognized	CSA:	Y
CE:	Y	IP Code:	43
Number of Speeds:	1		

Technical Specifications

Electrical Type:	Capacitor Start Induction Run	Starting Method:	Across The Line
Poles:	4	Rotation:	Selective Counterclockwise
Resistance Main:	0 Ohms	Mounting:	Rigid Base
Motor Orientation:	Horizontal	Drive End Bearing:	Ball
Opp Drive End Bearing:	Ball	Frame Material:	Stainless Steel
Shaft Type:	NEMA 56	Overall Length:	11.70 in
Frame Length:	6.00 in	Shaft Diameter:	0.625 in
Shaft Extension:	1.88 in	Assembly/Box Mounting:	F1 ONLY

Speed Characteristics

Curvepoint	Current (Amps)	Current (%)	Torque (OZ-FT)	Torque (%)	Speed (RPM)	Rated Output (KW)	Power Factor (%)	Rated Output (Hp)
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Pull-Up	0.00	0.0	105.90	219.0	1,418	0.00	0.0	1.00
Break-Down	0.00	0.0	119.00	246.0	1,528	0.00	0.0	1.00
Locked-Rotor	36.47	568.0	152.30	315.0	10	7.29	86.9	1.00
Full Load	6.42	100.0	48.40	100.0	1,738	1.02	68.7	1.00

Load Characteristics

% of Rated Load	0 %	25 %	50 %	75 %	100 %	115 %	125 %	150 %
Current (Amps)	4.56	4.68	5.03	5.61	6.42	7.01	7.44	8.74
Rated Output (KW)	0.18	0.34	0.55	0.77	1.02	1.17	1.28	1.59
Efficiency (%)	18.6	54.8	67.8	72.5	73.6	73.2	72.8	70.4
Power Factor (%)	17.2	31.7	47.5	59.8	68.7	72.8	74.9	79.1
Speed (RPM)	1,795	1,784	1,770	1,755	1,738	1,727	1,720	1,696
Temp. Rise @ FL	0.0	0.0	0.0	0.0	85.7	0.0	0.0	0.0
Torque (OZ-FT)	2.10	11.80	23.70	35.90	48.40	56.00	61.10	74.30
