



Dealers Industrial Equipment

No.:

Date: 13-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
Product line : Three-Phase : NEMA 56 Frames - ODP

Frame : F56H
Output : 3 HP
Frequency : 60 Hz
Poles : 2
Full load speed : 3460 rpm
Slip : 3.89 %
Voltage : 208-230/460 V
Rated current : 7.75/3.87 A
Locked rotor current : 54.2/27.1 A
Locked rotor current (I_L/I_n) : 7.0
No-load current : 4.02/2.01 A
Full load torque : 4.49 lb.ft
Locked rotor torque : 280 %
Breakdown torque : 300 %
Design : A
Insulation class : B
Temperature rise : 80 K
Locked rotor time : 10 s (hot)
Service factor : 1.15 (1.00 at 208V)
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : IP21
Approximate weight : 44 lb
Moment of inertia : 0.04960 sq.ft.lb
Noise level : ---

	D.E.	N.D.E.
Bearings	6204 ZZ	6203 ZZ
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.89	82.0
75%	0.82	82.0
50%	0.70	81.5

Notes:
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