



Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

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

Frame : F56H
Output : 2 HP
Frequency : 60 Hz
Poles : 4
Full load speed : 1710 rpm
Slip : 5.00 %
Voltage : 208-230/460 V
Rated current : 6.20-6.12/3.06 A
Locked rotor current : 39.2/19.6 A
Locked rotor current (I_L/I_n) : 6.4
No-load current : 4.40/2.20 A
Full load torque : 6.06 lb.ft
Locked rotor torque : 250 %
Breakdown torque : 250 %
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 : 39 lb
Moment of inertia : 0.10323 sq.ft.lb
Noise level : ---

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

Load	Power factor	Efficiency (%)
100%	0.80	77.0
75%	0.71	77.0
50%	0.59	74.0

Notes:
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