



Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
Product line : Three-Phase: Fractional Explosion Proof Motors

Frame : 56H
Output : 2 HP
Frequency : 60 Hz
Poles : 2
Full load speed : 3450 rpm
Slip : 4.17 %
Voltage : 208-230/460 V
Rated current : 5.97-5.40/2.70 A
Locked rotor current : 38.3/19.2 A
Locked rotor current (I_L/I_n) : 7.1
No-load current : 2.20/1.10 A
Full load torque : 3.00 lb.ft
Locked rotor torque : 320 %
Breakdown torque : 370 %
Design : A
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 3 s (hot)
Service factor : 1.00
Duty cycle : S1
Ambient temperature : -20°C - +50°C
Altitude : 1000 m
Degree of Protection : IP55
Approximate weight : 32 lb
Moment of inertia : 0.01495 sq.ft.lb
Noise level : ---

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

Load	Power factor	Efficiency (%)
100%	0.84	83.0
75%	0.79	83.0
50%	0.75	76.0

Notes:
Downloaded from <http://dealerselectric.com>
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