



Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

DATA SHEET

Single-phase induction motor - Squirrel cage rotor

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

Frame : 56
Output : 1.5 HP
Frequency : 60 Hz
Poles : 2
Full load speed : 3450 rpm
Slip : 4.17 %
Voltage : 208-230 V
Rated current : 7.80 A
Locked rotor current : 50.7 A
Locked rotor current (I_L/I_n) : 6.5
No-load current : 3.60 A
Full load torque : 2.25 lb.ft
Locked rotor torque : 120 %
Breakdown torque : 260 %
Design : ---
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 4 s (hot)
Service factor : 1.00
Duty cycle : S1
Ambient temperature : -20°C - +50°C
Altitude : 1000 m
Degree of Protection : IP55
Approximate weight : 36 lb
Moment of inertia : 0.01946 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	77.4
75%	0.78	75.0
50%	0.69	71.0

Notes:

Downloaded from <http://dealerselectric.com>
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