



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 : 0.5 HP
Frequency : 60 Hz
Poles : 2
Full load speed : 3450 rpm
Slip : 4.17 %
Voltage : 115/208-230 V
Rated current : 6.80/3.40 A
Locked rotor current : 40.1/20.1 A
Locked rotor current (I_L/I_n) : 5.9
No-load current : 5.00/2.50 A
Full load torque : 0.751 lb.ft
Locked rotor torque : 200 %
Breakdown torque : 280 %
Design : ---
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 11 s (hot)
Service factor : 1.00
Duty cycle : S1
Ambient temperature : -20°C - +50°C
Altitude : 1000 m
Degree of Protection : IP55
Approximate weight : 23 lb
Moment of inertia : 0.01020 sq.ft.lb
Noise level : ---

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

Load	Power factor	Efficiency (%)
100%	0.75	64.3
75%	0.68	60.0
50%	0.58	50.0

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