



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 : 56
Output : 0.75 HP
Frequency : 60 Hz
Poles : 4
Full load speed : 1725 rpm
Slip : 4.17 %
Voltage : 208-230/460 V
Rated current : 2.76-2.50/1.25 A
Locked rotor current : 15.3/7.63 A
Locked rotor current (I_L/I_n) : 6.1
No-load current : 2.00/1.00 A
Full load torque : 2.25 lb.ft
Locked rotor torque : 300 %
Breakdown torque : 400 %
Design : A
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 7 s (hot)
Service factor : 1.00
Duty cycle : S1
Ambient temperature : -20°C - +50°C
Altitude : 1000 m
Degree of Protection : IP55
Approximate weight : 25 lb
Moment of inertia : 0.02183 sq.ft.lb
Noise level : ---

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

Load	Power factor	Efficiency (%)
100%	0.71	77.8
75%	0.62	75.0
50%	0.51	70.0

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