



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 - TEFC

Frame : B56
Output : 0.5 HP
Frequency : 60 Hz
Poles : 2
Full load speed : 3470 rpm
Slip : 3.61 %
Voltage : 208-230/460 V
Rated current : 1.75-1.70/0.850 A
Locked rotor current : 13.6/6.80 A
Locked rotor current (I_L/I_n) : 8.0
No-load current : 1.00/0.500 A
Full load torque : 0.747 lb.ft
Locked rotor torque : 430 %
Breakdown torque : 440 %
Design : A
Insulation class : F
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 : IP55
Approximate weight : 23 lb
Moment of inertia : 0.03156 sq.ft.lb
Noise level : ---

| | D.E. | N.D.E. |
|---------------------|---------|---------|
| Bearings | 6203 ZZ | 6202 ZZ |
| Regreasing interval | --- | --- |
| Grease amount | --- | --- |

| Load | Power factor | Efficiency (%) |
|------|--------------|----------------|
| 100% | 0.80 | 70.0 |
| 75% | 0.74 | 66.0 |
| 50% | 0.64 | 57.5 |

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