



Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

DATA SHEET Single-phase induction motor - Squirrel cage rotor

Customer :
 Product line : Single-Phase : NEMA 48 & 56 ODP - Start Capacitor

Frame : C56
 Output : 0.33 HP
 Frequency : 60 Hz
 Poles : 2
 Full load speed : 3480 rpm
 Slip : 3.33 %
 Voltage : 115/208-230 V
 Rated current : 5.70/2.60-2.85 A
 Locked rotor current : 33.6/16.8 A
 Locked rotor current (I_L/I_n) : 5.9
 No-load current : 4.20/2.10 A
 Full load torque : 0.491 lb.ft
 Locked rotor torque : 380 %
 Breakdown torque : 300 %
 Design : ---
 Insulation class : B
 Temperature rise : 80 K
 Locked rotor time : 6 s (hot)
 Service factor : 1.35 (1.00 at 208V)
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP21
 Approximate weight : 21 lb
 Moment of inertia : 0.01898 sq.ft.lb
 Noise level : ---

| | D.E. | N.D.E. | Load | Power factor | Efficiency (%) |
|---------------------|---------|---------|------|--------------|----------------|
| Bearings | 6203 ZZ | 6202 ZZ | 100% | 0.65 | 57.6 |
| Regreasing interval | --- | --- | 75% | 0.59 | 54.1 |
| Grease amount | --- | --- | 50% | 0.49 | 46.5 |

Notes:
 Downloaded from <http://dealerselectric.com>
 Generated for Model #.3336OS1BC56C

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