



Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

DATA SHEET Single-phase induction motor - Squirrel cage rotor

Customer :
 Product line : Single Phase: W01 (Rolled Steel) - ODP - Premium Efficiency (DOE)

Frame : W56
 Output : 0.33 HP
 Frequency : 60 Hz
 Poles : 2
 Full load speed : 3510 rpm
 Slip : 2.50 %
 Voltage : 115/208-230 V
 Rated current : 3.20/1.77-1.60 A
 Locked rotor current : 28.2/14.1 A
 Locked rotor current (I_L/I_n) : 8.8
 No-load current : 1.00/0.500 A
 Full load torque : 0.487 lb.ft
 Locked rotor torque : 280 %
 Breakdown torque : 300 %
 Design : ---
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 15 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 : ODP
 Approximate weight : 19 lb
 Moment of inertia : 0.02539 sq.ft.lb
 Noise level : 56 dB(A)

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

| Load | Power factor | Efficiency (%) |
|------|--------------|----------------|
| 100% | 0.97 | 70.5 |
| 75% | 0.97 | 64.0 |
| 50% | 0.97 | 56.0 |

Notes:
 Downloaded from <http://dealerselectric.com>
 Generated for Model #.3336OT1BW56-S

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