



Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
 Product line : Three Phase: W01 (Rolled Steel) - ODP - Standard Efficiency

Frame : 56
 Output : 1 HP
 Frequency : 60 Hz
 Poles : 2
 Full load speed : 3470 rpm
 Slip : 3.61 %
 Voltage : 208-230/460 V
 Rated current : 3.56-3.22/1.61 A
 Locked rotor current : 20.3/10.1 A
 Locked rotor current (I_L/I_n) : 6.3
 No-load current : 2.00/1.00 A
 Full load torque : 1.49 lb.ft
 Locked rotor torque : 230 %
 Breakdown torque : 250 %
 Design : A
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 23 s (hot)
 Service factor : 1.25
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : ODP
 Approximate weight : 20 lb
 Moment of inertia : 0.05173 sq.ft.lb
 Noise level : 62 dB(A)

| | D.E. | N.D.E. |
|---------------------|---------|---------|
| Bearings | 6204 ZZ | 6202 ZZ |
| Regreasing interval | --- | --- |
| Grease amount | --- | --- |

| Load | Power factor | Efficiency (%) |
|------|--------------|----------------|
| 100% | 0.79 | 74.0 |
| 75% | 0.70 | 72.0 |
| 50% | 0.58 | 66.0 |

Notes:
 Downloaded from <http://dealerselectric.com>
 Generated for Model #00136OS3E56C-S

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