



Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
 Product line : Three-Phase : IEC Tru-Metric - TEFC (IP55) - Aluminum Frame

Frame : 80
 Output : 1 HP
 Frequency : 60 Hz
 Poles : 2
 Full load speed : 3400 rpm
 Slip : 5.56 %
 Voltage : 460 V
 Rated current : 1.42 A
 Locked rotor current : 8.52 A
 Locked rotor current (I_L/I_n) : 6.0
 No-load current : 0.600 A
 Full load torque : 1.52 lb.ft
 Locked rotor torque : 290 %
 Breakdown torque : 310 %
 Design : ---
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 18 s (hot)
 Service factor : 1.15
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP55
 Approximate weight : 25 lb
 Moment of inertia : 0.01875 sq.ft.lb
 Noise level : 62 dB(A)

| | D.E. | N.D.E. |
|---------------------|---------|---------|
| Bearings | 6204 ZZ | 6203 ZZ |
| Regreasing interval | --- | --- |
| Grease amount | --- | --- |

| Load | Power factor | Efficiency (%) |
|------|--------------|----------------|
| 100% | 0.84 | 79.0 |
| 75% | 0.79 | 79.0 |
| 50% | 0.69 | 76.0 |

Notes:
 Downloaded from <http://dealerselectric.com>
 Generated for Model #.7536EP3WAL80

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