



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 : 0.75 HP
Frequency : 60 Hz
Poles : 6
Full load speed : 1135 rpm
Slip : 5.42 %
Voltage : 230/460 V
Rated current : 3.26/1.63 A
Locked rotor current : 17.0/8.48 A
Locked rotor current (I_L/I_n) : 5.2
No-load current : 2.52/1.26 A
Full load torque : 3.42 lb.ft
Locked rotor torque : 330 %
Breakdown torque : 320 %
Design : ---
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 9 s (hot)
Service factor : 1.15
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : IP55
Approximate weight : 29 lb
Moment of inertia : 0.07380 sq.ft.lb
Noise level : 47 dB(A)

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

| Load | Power factor | Efficiency (%) |
|------|--------------|----------------|
| 100% | 0.64 | 66.0 |
| 75% | 0.55 | 63.0 |
| 50% | 0.44 | 56.5 |

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