



Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
Product line : W01 (Rolled Steel) General Purpose TEFC

Frame : 143/5T
Output : 2 HP
Frequency : 60 Hz
Poles : 4
Full load speed : 1745 rpm
Slip : 3.06 %
Voltage : 208-230/460 V
Rated current : 6.02-5.44/2.72 A
Locked rotor current : 44.6/22.3 A
Locked rotor current (I_L/I_n) : 8.2
No-load current : 2.80/1.40 A
Full load torque : 5.94 lb.ft
Locked rotor torque : 270 %
Breakdown torque : 300 %
Design : B
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 15 s (hot)
Service factor : 1.15
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : IP55
Approximate weight : 42 lb
Moment of inertia : 0.12957 sq.ft.lb
Noise level : 52 dB(A)

| | D.E. | N.D.E. |
|---------------------|---------|---------|
| Bearings | 6205 ZZ | 6203 ZZ |
| Regreasing interval | --- | --- |
| Grease amount | --- | --- |

| Load | Power factor | Efficiency (%) |
|------|--------------|----------------|
| 100% | 0.80 | 86.5 |
| 75% | 0.73 | 87.5 |
| 50% | 0.60 | 85.5 |

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