



Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
Product line : Three-Phase: Fractional Explosion Proof Motors

Frame : 56
Output : 0.33 HP
Frequency : 60 Hz
Poles : 2
Full load speed : 3450 rpm
Slip : 4.17 %
Voltage : 208-230/460 V
Rated current : 1.15-1.04/0.522 A
Locked rotor current : 6.47/3.24 A
Locked rotor current (I_L/I_n) : 6.2
No-load current : 0.800/0.400 A
Full load torque : 0.496 lb.ft
Locked rotor torque : 240 %
Breakdown torque : 350 %
Design : A
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 13 s (hot)
Service factor : 1.00
Duty cycle : S1
Ambient temperature : -20°C - +50°C
Altitude : 1000 m
Degree of Protection : IP55
Approximate weight : 18 lb
Moment of inertia : 0.00759 sq.ft.lb
Noise level : ---

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

| Load | Power factor | Efficiency (%) |
|------|--------------|----------------|
| 100% | 0.80 | 75.1 |
| 75% | 0.72 | 74.0 |
| 50% | 0.59 | 69.0 |

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