



Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
Product line : Three-Phase : NEMA 56 Frames - ODP

Frame : A56
Output : 0.25 HP
Frequency : 60 Hz
Poles : 6
Full load speed : 1150 rpm
Slip : 4.17 %
Voltage : 208-230/460 V
Rated current : 1.33-1.50/0.750 A
Locked rotor current : 5.70/2.85 A
Locked rotor current (I_L/I_n) : 3.8
No-load current : 1.40/0.700 A
Full load torque : 1.13 lb.ft
Locked rotor torque : 280 %
Breakdown torque : 310 %
Design : A
Insulation class : B
Temperature rise : 80 K
Locked rotor time : 15 s (hot)
Service factor : 1.35 (1.00 at 208V)
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : IP21
Approximate weight : 18 lb
Moment of inertia : 0.04556 sq.ft.lb
Noise level : ---

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

| Load | Power factor | Efficiency (%) |
|------|--------------|----------------|
| 100% | 0.59 | 55.0 |
| 75% | 0.52 | 50.0 |
| 50% | 0.43 | 40.0 |

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