



Dealers Industrial Equipment

No.:

Date: 13-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
 Product line : ODP – Open Induction Motors – NEMA Premium Efficiency

Frame : 213/5T
 Output : 10 HP
 Frequency : 60 Hz
 Poles : 4
 Full load speed : 1765 rpm
 Slip : 1.94 %
 Voltage : 575 V
 Rated current : 9.76 A
 Locked rotor current : 61.5 A
 Locked rotor current (I_L/I_n) : 6.3
 No-load current : 4.80 A
 Full load torque : 29.4 lb.ft
 Locked rotor torque : 210 %
 Breakdown torque : 290 %
 Design : B
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 6 s (hot)
 Service factor : 1.15
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP21
 Approximate weight : 124 lb
 Moment of inertia : 1.1958 sq.ft.lb
 Noise level : ---

| | D.E. | N.D.E. |
|---------------------|---------|---------|
| Bearings | 6208 ZZ | 6206 ZZ |
| Regreasing interval | --- | --- |
| Grease amount | --- | --- |

| Load | Power factor | Efficiency (%) |
|------|--------------|----------------|
| 100% | 0.84 | 91.7 |
| 75% | 0.76 | 91.0 |
| 50% | 0.64 | 90.2 |

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