



Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
 Product line : Close Coupled Pump : Three-Phase - "JM" Type - ODP - NEMA Premium

Frame : 213/5JM
 Output : 3 HP
 Frequency : 60 Hz
 Poles : 6
 Full load speed : 1170 rpm
 Slip : 2.50 %
 Voltage : 208-230/460 V
 Rated current : 9.44-8.54/4.27 A
 Locked rotor current : 51.2/25.6 A
 Locked rotor current (I_L/I_n) : 6.0
 No-load current : 5.00/2.50 A
 Full load torque : 13.3 lb.ft
 Locked rotor torque : 160 %
 Breakdown torque : 260 %
 Design : B
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 25 s (hot)
 Service factor : 1.15
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP21
 Approximate weight : 66 lb
 Moment of inertia : 0.82794 sq.ft.lb
 Noise level : ---

| | D.E. | N.D.E. |
|---------------------|---------|---------|
| Bearings | 6209 ZZ | 6206 ZZ |
| Regreasing interval | --- | --- |
| Grease amount | --- | --- |

| Load | Power factor | Efficiency (%) |
|------|--------------|----------------|
| 100% | 0.73 | 88.5 |
| 75% | 0.65 | 87.5 |
| 50% | 0.52 | 85.5 |

Notes:
 Downloaded from <http://dealerselectric.com>
 Generated for Model #00312OT3E213JM

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