



Dealers Industrial Equipment

No.:

Date: 23-SEP-2016

DATA SHEET

Three-phase induction motor - Squirrel cage rotor

Customer :
 Product line : Close Coupled Pump : Three-Phase - "JM" Type - ODP - High Efficiency

Frame : 256JM
 Output : 25 HP
 Frequency : 60 Hz
 Poles : 2
 Full load speed : 3530 rpm
 Slip : 1.94 %
 Voltage : 575 V
 Rated current : 23.4 A
 Locked rotor current : 141 A
 Locked rotor current (I_L/I_n) : 6.0
 No-load current : 7.52 A
 Full load torque : 36.7 lb.ft
 Locked rotor torque : 200 %
 Breakdown torque : 250 %
 Design : B
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 10 s (hot)
 Service factor : 1.15
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP23
 Approximate weight : 225 lb
 Moment of inertia : 0.97744 sq.ft.lb
 Noise level : 67 dB(A)

| | D.E. | N.D.E. | Load | Power factor | Efficiency (%) |
|---------------------|-----------|-----------|------|--------------|----------------|
| Bearings | 6309 Z-C3 | 6209 Z-C3 | 100% | 0.87 | 91.0 |
| Regreasing interval | 20000 h | 20000 h | 75% | 0.84 | 91.0 |
| Grease amount | 13 g | 9 g | 50% | 0.76 | 90.2 |

Notes:
 Downloaded from <http://dealerselectric.com>
 Generated for Model #02536OP3H256JM

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