



Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
 Product line : Jet Pump - NEMA 56 : Three-Phase - Threaded - ODP (IP21)

Frame : B56
 Output : 0.75 HP
 Frequency : 60 Hz
 Poles : 2
 Full load speed : 3455 rpm
 Slip : 4.03 %
 Voltage : 208-230/460 V
 Rated current : 2.55-2.39/1.20 A
 Locked rotor current : 13.6/6.82 A
 Locked rotor current (I_L/I_n) : 5.7
 No-load current : 1.53/0.765 A
 Full load torque : 1.12 lb.ft
 Locked rotor torque : 240 %
 Breakdown torque : 260 %
 Design : A
 Insulation class : B
 Temperature rise : 80 K
 Locked rotor time : 15 s (hot)
 Service factor : 1.50 (1.00 at 208V)
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP21
 Approximate weight : 26 lb
 Moment of inertia : 0.02207 sq.ft.lb
 Noise level : ---

| | D.E. | N.D.E. |
|---------------------|----------|----------|
| Bearings | 6203 2RS | 6202 2RS |
| Regreasing interval | --- | --- |
| Grease amount | --- | --- |

| Load | Power factor | Efficiency (%) |
|------|--------------|----------------|
| 100% | 0.81 | 72.0 |
| 75% | 0.72 | 70.0 |
| 50% | 0.61 | 64.0 |

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