



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 - Keyed - ODP (IP21)

Frame : A56
 Output : 0.5 HP
 Frequency : 60 Hz
 Poles : 2
 Full load speed : 3480 rpm
 Slip : 3.33 %
 Voltage : 208-230/460 V
 Rated current : 1.90-1.91/0.957 A
 Locked rotor current : 11.5/5.74 A
 Locked rotor current (I_L/I_n) : 6.0
 No-load current : 1.39/0.693 A
 Full load torque : 0.744 lb.ft
 Locked rotor torque : 250 %
 Breakdown torque : 300 %
 Design : A
 Insulation class : B
 Temperature rise : 80 K
 Locked rotor time : 15 s (hot)
 Service factor : 1.60 (1.00 at 208V)
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP21
 Approximate weight : 24 lb
 Moment of inertia : 0.01946 sq.ft.lb
 Noise level : ---

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

| Load | Power factor | Efficiency (%) |
|------|--------------|----------------|
| 100% | 0.77 | 66.0 |
| 75% | 0.68 | 62.5 |
| 50% | 0.57 | 55.0 |

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