



Dealers Industrial Equipment

No.:

Date: 13-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
 Product line : Close Coupled Pump: Three-Phase - W01 (Rolled Steel) "JP" Type - TEFC - High Efficiency

Frame : 213/5JP
 Output : 7.5 HP
 Frequency : 60 Hz
 Poles : 2
 Full load speed : 3525 rpm
 Slip : 2.08 %
 Voltage : 208-230/460 V
 Rated current : 19.4-17.5/8.76 A
 Locked rotor current : 123/61.3 A
 Locked rotor current (I_L/I_n) : 7.0
 No-load current : 6.94/3.47 A
 Full load torque : 11.0 lb.ft
 Locked rotor torque : 240 %
 Breakdown torque : 310 %
 Design : B
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 13 s (hot)
 Service factor : 1.15
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP55
 Approximate weight : 118 lb
 Moment of inertia : 0.46653 sq.ft.lb
 Noise level : 70 dB(A)

| | D.E. | N.D.E. | Load | Power factor | Efficiency (%) |
|---------------------|---------|---------|------|--------------|----------------|
| Bearings | 6209 ZZ | 6206 ZZ | 100% | 0.89 | 88.5 |
| Regreasing interval | --- | --- | 75% | 0.84 | 88.5 |
| Grease amount | --- | --- | 50% | 0.75 | 86.5 |

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