



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 - "JP" Type - ODP - High Efficiency

Frame : 213/5JP
 Output : 7.5 HP
 Frequency : 60 Hz
 Poles : 4
 Full load speed : 1755 rpm
 Slip : 2.50 %
 Voltage : 230/460 V
 Rated current : 18.8/9.40 A
 Locked rotor current : 126/63.0 A
 Locked rotor current (I_L/I_n) : 6.7
 No-load current : 8.20/4.10 A
 Full load torque : 22.1 lb.ft
 Locked rotor torque : 180 %
 Breakdown torque : 250 %
 Design : B
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 8 s (hot)
 Service factor : 1.15
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP21
 Approximate weight : 72 lb
 Moment of inertia : 0.91977 sq.ft.lb
 Noise level : ---

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

| Load | Power factor | Efficiency (%) |
|------|--------------|----------------|
| 100% | 0.83 | 88.5 |
| 75% | 0.78 | 88.5 |
| 50% | 0.68 | 87.5 |

Notes:
 Downloaded from <http://dealerselectric.com>
 Generated for Model #00718OP3E213JP

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