



Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

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

Frame : 182/4JP
 Output : 3 HP
 Frequency : 60 Hz
 Poles : 4
 Full load speed : 1765 rpm
 Slip : 1.94 %
 Voltage : 208-230/460 V
 Rated current : 8.93-8.08/4.04 A
 Locked rotor current : 54.9/27.5 A
 Locked rotor current (I_L/I_n) : 6.8
 No-load current : 4.49/2.25 A
 Full load torque : 8.81 lb.ft
 Locked rotor torque : 220 %
 Breakdown torque : 290 %
 Design : B
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : ---
 Service factor : 1.15
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : ODP
 Approximate weight : 51 lb
 Moment of inertia : 0.21642 sq.ft.lb
 Noise level : 55 dB(A)

| | D.E. | N.D.E. | Load | Power factor | Efficiency (%) |
|---------------------|---------|---------|------|--------------|----------------|
| Bearings | 6207 ZZ | 6205 ZZ | 100% | 0.79 | 86.5 |
| Regreasing interval | --- | --- | 75% | 0.72 | 86.5 |
| Grease amount | --- | --- | 50% | 0.59 | 85.5 |

Notes:
 Downloaded from <http://dealerselectric.com>
 Generated for Model #00318OP3E182JP-S

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