



Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
 Product line : Three-Phase : Rolled Steel Motor - High Efficiency

Frame : 184T
 Output : 2 HP
 Frequency : 60 Hz
 Poles : 6
 Full load speed : 1165 rpm
 Slip : 2.92 %
 Voltage : 230/460 V
 Rated current : 6.40/3.20 A
 Locked rotor current : 48.0/24.0 A
 Locked rotor current (I_L/I_n) : 7.5
 No-load current : 4.20/2.10 A
 Full load torque : 8.89 lb.ft
 Locked rotor torque : 300 %
 Breakdown torque : 300 %
 Design : B
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 35 s (hot)
 Service factor : 1.15
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP55
 Approximate weight : 88 lb
 Moment of inertia : 0.62101 sq.ft.lb
 Noise level : ---

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

| Load | Power factor | Efficiency (%) |
|------|--------------|----------------|
| 100% | 0.68 | 86.5 |
| 75% | 0.60 | 85.5 |
| 50% | 0.48 | 82.5 |

Notes:
 Downloaded from <http://dealerselectric.com>
 Generated for Model #00212EP3ERSR184TC

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