



Dealers Industrial Equipment

No.:

Date: 28-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
 Product line : Three-Phase: W22 Crusher Duty TEFC (IP55)

Frame : 445/7T
 Output : 125 HP
 Frequency : 60 Hz
 Poles : 8
 Full load speed : 885 rpm
 Slip : 1.67 %
 Voltage : 460 V
 Rated current : 151 A
 Locked rotor current : 876 A
 Locked rotor current (I_L/I_n) : 5.8
 No-load current : 60.0 A
 Full load torque : 732 lb.ft
 Locked rotor torque : 180 %
 Breakdown torque : 200 %
 Design : A
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 15 s (hot)
 Service factor : 1.15
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP55
 Approximate weight : 1806 lb
 Moment of inertia : 103.62 sq.ft.lb
 Noise level : 63 dB(A)

| | D.E. | N.D.E. |
|---------------------|-----------|---------|
| Bearings | NU-319 C3 | 6316 C3 |
| Regreasing interval | 15000 h | 20000 h |
| Grease amount | 45 g | 34 g |

| Load | Power factor | Efficiency (%) |
|------|--------------|----------------|
| 100% | 0.80 | 93.6 |
| 75% | 0.76 | 94.1 |
| 50% | 0.67 | 93.6 |

Notes:
 Downloaded from <http://dealerselectric.com>
 Generated for Model #12509EP3GKD447T-W22

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