



Dealers Industrial Equipment

No.:

Date: 23-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
 Product line : Oil Well Pumping : High Slip - NEMA Design "D" - TEFC (IP55)

Frame : 365T
 Output : 40 HP
 Frequency : 60 Hz
 Poles : 6
 Full load speed : 1130 rpm
 Slip : 5.83 %
 Voltage : 208-230/460 V
 Rated current : 116-105/52.5 A
 Locked rotor current : 578/289 A
 Locked rotor current (I_L/I_n) : 5.5
 No-load current : 38.0/19.0 A
 Full load torque : 183 lb.ft
 Locked rotor torque : 290 %
 Breakdown torque : 0 %
 Design : D
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 34 s (hot)
 Service factor : 1.15
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP55
 Approximate weight : 809 lb
 Moment of inertia : 26.806 sq.ft.lb
 Noise level : 65 dB(A)

| | D.E. | N.D.E. |
|---------------------|---------|---------|
| Bearings | 6314 C3 | 6314 C3 |
| Regreasing interval | 14267 h | 14267 h |
| Grease amount | 27 g | 27 g |

| Load | Power factor | Efficiency (%) |
|------|--------------|----------------|
| 100% | 0.82 | 87.5 |
| 75% | 0.80 | 87.0 |
| 50% | 0.75 | 85.0 |

Notes:
 Downloaded from <http://dealerselectric.com>
 Generated for Model #04012ES3EOW365T

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