



Dealers Industrial Equipment

No.:

Date: 28-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
 Product line : Three-Phase : Explosion Proof - High Efficiency

Frame : 504T
 Output : 125 HP
 Frequency : 60 Hz
 Poles : 8
 Full load speed : 890 rpm
 Slip : 1.11 %
 Voltage : 460 V
 Rated current : 152 A
 Locked rotor current : 927 A
 Locked rotor current (I_L/I_n) : 6.1
 No-load current : 57.5 A
 Full load torque : 728 lb.ft
 Locked rotor torque : 170 %
 Breakdown torque : 200 %
 Design : B
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 21 s (hot)
 Service factor : 1.15
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP54
 Approximate weight : 2342 lb
 Moment of inertia : 103.62 sq.ft.lb
 Noise level : 66 dB(A)

	D.E.	N.D.E.
Bearings	6319 C3	6316 C3
Regreasing interval	14016 h	15904 h
Grease amount	45 g	34 g

Load	Power factor	Efficiency (%)
100%	0.82	93.6
75%	0.79	93.6
50%	0.70	93.0

Notes:
 Downloaded from <http://dealerselectric.com>
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