



Dealers Industrial Equipment

No.:

Date: 28-SEP-2016

DATA SHEET

Three-phase induction motor - Squirrel cage rotor

Customer :
Product line : Three-Phase : Explosion Proof - NEMA Premium

Frame : 504/5T
Output : 200 HP
Frequency : 60 Hz
Poles : 4
Full load speed : 1780 rpm
Slip : 1.11 %
Voltage : 460 V
Rated current : 230 A
Locked rotor current : 1610 A
Locked rotor current (I_L/I_n) : 7.0
No-load current : 88.8 A
Full load torque : 582 lb.ft
Locked rotor torque : 230 %
Breakdown torque : 240 %
Design : B
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 25 s (hot)
Service factor : 1.15
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : IP55
Approximate weight : 2426 lb
Moment of inertia : 76.217 sq.ft.lb
Noise level : 82 dB(A)

	D.E.	N.D.E.
Bearings	6319 C3	6316 C3
Regreasing interval	7038 h	8569 h
Grease amount	45 g	34 g

Load	Power factor	Efficiency (%)
100%	0.85	96.2
75%	0.80	96.2
50%	0.70	95.8

Notes:

Downloaded from <http://dealerselectric.com>
Generated for Model #20018XT3G504

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