



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 : 444/5T
Output : 150 HP
Frequency : 60 Hz
Poles : 4
Full load speed : 1780 rpm
Slip : 1.11 %
Voltage : 208-230/460 V
Rated current : 376-340/170 A
Locked rotor current : 2140/1070 A
Locked rotor current (I_L/I_n) : 6.3
No-load current : 104/52.0 A
Full load torque : 437 lb.ft
Locked rotor torque : 220 %
Breakdown torque : 250 %
Design : B
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 22 s (hot)
Service factor : 1.15
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : IP55
Approximate weight : 2095 lb
Moment of inertia : 66.690 sq.ft.lb
Noise level : 76 dB(A)

	D.E.	N.D.E.
Bearings	6219 C3	6316 C3
Regreasing interval	8033 h	8569 h
Grease amount	27 g	34 g

Load	Power factor	Efficiency (%)
100%	0.85	95.8
75%	0.81	95.8
50%	0.72	95.0

Notes:

Downloaded from <http://dealerselectric.com>
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