



Dealers Industrial Equipment

No.:

Date: 27-SEP-2016

DATA SHEET

Three-phase induction motor - Squirrel cage rotor

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

Frame : 404/5T
Output : 60 HP
Frequency : 60 Hz
Poles : 8
Full load speed : 885 rpm
Slip : 1.67 %
Voltage : 208-230/460 V
Rated current : 168-152/75.9 A
Locked rotor current : 941/471 A
Locked rotor current (I_L/I_N) : 6.2
No-load current : 68.0/34.0 A
Full load torque : 351 lb.ft
Locked rotor torque : 180 %
Breakdown torque : 220 %
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 : 1279 lb
Moment of inertia : 38.261 sq.ft.lb
Noise level : 62 dB(A)

	D.E.	N.D.E.
Bearings	6217 C3	6314 C3
Regreasing interval	16602 h	17353 h
Grease amount	21 g	27 g

Load	Power factor	Efficiency (%)
100%	0.80	93.0
75%	0.75	93.0
50%	0.65	92.4

Notes:

Downloaded from <http://dealerselectric.com>
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