



Dealers Industrial Equipment

No.:

Date: 13-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

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

Frame : 215T
Output : 5 HP
Frequency : 60 Hz
Poles : 6
Full load speed : 1170 rpm
Slip : 2.50 %
Voltage : 208-230/460 V
Rated current : 15.1-13.7/6.83 A
Locked rotor current : 92.9/46.4 A
Locked rotor current (I_L/I_n) : 6.8
No-load current : 6.90/3.45 A
Full load torque : 22.1 lb.ft
Locked rotor torque : 170 %
Breakdown torque : 260 %
Design : B
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 57 s (hot)
Service factor : 1.15
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : IP55
Approximate weight : 162 lb
Moment of inertia : 1.4717 sq.ft.lb
Noise level : 55 dB(A)

	D.E.	N.D.E.
Bearings	6308 2RS	6207 2RS
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.76	89.5
75%	0.70	89.5
50%	0.58	88.5

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