



Dealers Industrial Equipment

No.:

Date: 23-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
Product line : P-Base Motors : High Efficiency

Frame : 215HP
Output : 15 HP
Frequency : 60 Hz
Poles : 2
Full load speed : 3500 rpm
Slip : 2.78 %
Voltage : 230/460 V
Rated current : 34.4/17.2 A
Locked rotor current : 210/105 A
Locked rotor current (I_L/I_n) : 6.1
No-load current : 8.00/4.00 A
Full load torque : 22.2 lb.ft
Locked rotor torque : 200 %
Breakdown torque : 220 %
Design : B
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 10 s (hot)
Service factor : 1.25
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : IP55
Approximate weight : 161 lb
Moment of inertia : 0.66539 sq.ft.lb
Noise level : 72 dB(A)

	D.E.	N.D.E.
Bearings	6309 C3	6207 ZZ
Regreasing interval	7898 h	---
Grease amount	13 g	---

Load	Power factor	Efficiency (%)
100%	0.89	90.2
75%	0.87	90.2
50%	0.80	89.0

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