



Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
Product line : W22 Super Premium

Frame : L213T
Output : 3 HP
Frequency : 60 Hz
Poles : 6
Full load speed : 1175 rpm
Slip : 2.08 %
Voltage : 208-230/460 V
Rated current : 8.62/4.31 A
Locked rotor current : 62.1/31.0 A
Locked rotor current (I_L/I_n) : 7.2
No-load current : 5.13/2.57 A
Full load torque : 13.2 lb.ft
Locked rotor torque : 180 %
Breakdown torque : 290 %
Design : A
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 90 s (hot)
Service factor : 1.25 (1.00 at 208V)
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : IP55
Approximate weight : 172 lb
Moment of inertia : 1.5268 sq.ft.lb
Noise level : 55 dB(A)

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

Load	Power factor	Efficiency (%)
100%	0.71	90.2
75%	0.63	89.5
50%	0.51	87.5

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