



Dealers Industrial Equipment

No.:

Date: 13-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
Product line : W22 Super Premium

Frame : L213/5T
Output : 10 HP
Frequency : 60 Hz
Poles : 4
Full load speed : 1765 rpm
Slip : 1.94 %
Voltage : 208-230/460 V
Rated current : 24.0/12.0 A
Locked rotor current : 202/101 A
Locked rotor current (I_L/I_n) : 8.4
No-load current : 11.0/5.50 A
Full load torque : 29.4 lb.ft
Locked rotor torque : 230 %
Breakdown torque : 350 %
Design : A
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 16 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 : 181 lb
Moment of inertia : 1.7816 sq.ft.lb
Noise level : 58 dB(A)

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

Load	Power factor	Efficiency (%)
100%	0.84	93.0
75%	0.78	92.4
50%	0.66	91.7

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