



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 : 5 HP
 Frequency : 60 Hz
 Poles : 6
 Full load speed : 1170 rpm
 Slip : 2.50 %
 Voltage : 208-230/460 V
 Rated current : 13.6/6.80 A
 Locked rotor current : 95.2/47.6 A
 Locked rotor current (I_L/I_n) : 7.0
 No-load current : 7.29/3.65 A
 Full load torque : 22.1 lb.ft
 Locked rotor torque : 190 %
 Breakdown torque : 250 %
 Design : A
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 70 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 : 198 lb
 Moment of inertia : 1.7961 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%	0.75	91.0
75%	0.68	91.0
50%	0.56	89.5

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