



Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
Product line : W22 Super Premium

Frame : L143/5T
Output : 1.5 HP
Frequency : 60 Hz
Poles : 4
Full load speed : 1760 rpm
Slip : 2.22 %
Voltage : 208-230/460 V
Rated current : 3.86/1.93 A
Locked rotor current : 34.0/17.0 A
Locked rotor current (I_L/I_n) : 8.8
No-load current : 2.20/1.10 A
Full load torque : 4.42 lb.ft
Locked rotor torque : 280 %
Breakdown torque : 340 %
Design : A
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 20 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 : 55 lb
Moment of inertia : 0.18153 sq.ft.lb
Noise level : 51 dB(A)

	D.E.	N.D.E.
Bearings	6205 ZZ	6204 ZZ
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.81	88.5
75%	0.74	87.5
50%	0.62	85.5

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