



Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
Product line : W22 Super Premium

Frame : 143/5T
Output : 1 HP
Frequency : 60 Hz
Poles : 2
Full load speed : 3485 rpm
Slip : 3.19 %
Voltage : 208-230/460 V
Rated current : 2.99-2.70/1.35 A
Locked rotor current : 19.4/9.72 A
Locked rotor current (I_L/I_n) : 7.2
No-load current : 1.20/0.600 A
Full load torque : 1.49 lb.ft
Locked rotor torque : 250 %
Breakdown torque : 300 %
Design : A
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 36 s (hot)
Service factor : 1.25
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : IP55
Approximate weight : 40 lb
Moment of inertia : 0.04153 sq.ft.lb
Noise level : 68 dB(A)

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

Load	Power factor	Efficiency (%)
100%	0.83	84.0
75%	0.79	82.5
50%	0.69	81.5

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