



Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
Product line : W22 High Efficiency

Frame : 145T
Output : 2 HP
Frequency : 60 Hz
Poles : 2
Full load speed : 3450 rpm
Slip : 4.17 %
Voltage : 230/460 V
Rated current : 5.28/2.64 A
Locked rotor current : 39.1/19.5 A
Locked rotor current (I_L/I_n) : 7.4
No-load current : 2.40/1.20 A
Full load torque : 3.00 lb.ft
Locked rotor torque : 250 %
Breakdown torque : 300 %
Design : B
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 16 s (hot)
Service factor : 1.25
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : IP55
Approximate weight : 42 lb
Moment of inertia : 0.04271 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%	0.85	84.0
75%	0.80	84.0
50%	0.69	81.5

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