



Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
Product line : W22 High Efficiency

Frame : 182T
Output : 3 HP
Frequency : 60 Hz
Poles : 2
Full load speed : 3500 rpm
Slip : 2.78 %
Voltage : 230/460 V
Rated current : 7.34/3.67 A
Locked rotor current : 52.8/26.4 A
Locked rotor current (I_L/I_n) : 7.2
No-load current : 2.60/1.30 A
Full load torque : 4.44 lb.ft
Locked rotor torque : 200 %
Breakdown torque : 310 %
Design : B
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 28 s (hot)
Service factor : 1.25
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : IP55
Approximate weight : 85 lb
Moment of inertia : 0.16445 sq.ft.lb
Noise level : 69 dB(A)

	D.E.	N.D.E.
Bearings	6207 ZZ	6206 ZZ
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.88	85.5
75%	0.84	85.5
50%	0.76	82.5

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