



Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
Product line : W22 NEMA Premium - Ball Bearings

Frame : 182/4T
Output : 1.5 HP
Frequency : 60 Hz
Poles : 8
Full load speed : 860 rpm
Slip : 4.44 %
Voltage : 208-230/460 V
Rated current : 5.97-5.40/2.70 A
Locked rotor current : 29.7/14.9 A
Locked rotor current (I_L/I_n) : 5.5
No-load current : 3.63/1.81 A
Full load torque : 9.04 lb.ft
Locked rotor torque : 250 %
Breakdown torque : 260 %
Design : B
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 17 s (hot)
Service factor : 1.25
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : IP55
Approximate weight : 111 lb
Moment of inertia : 0.57664 sq.ft.lb
Noise level : 50 dB(A)

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

Load	Power factor	Efficiency (%)
100%	0.62	82.5
75%	0.54	82.5
50%	0.43	80.0

Notes:
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