



Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
 Product line : Three Phase: W01 (Rolled Steel) - TEFC - NEMA Premium Efficiency

Frame : 182/4T
 Output : 1.5 HP
 Frequency : 60 Hz
 Poles : 6
 Full load speed : 1170 rpm
 Slip : 2.50 %
 Voltage : 575 V
 Rated current : 1.78 A
 Locked rotor current : 12.3 A
 Locked rotor current (I_L/I_n) : 6.9
 No-load current : 1.09 A
 Full load torque : 6.64 lb.ft
 Locked rotor torque : 240 %
 Breakdown torque : 340 %
 Design : B
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 55 s (hot)
 Service factor : 1.15
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP55
 Approximate weight : 66 lb
 Moment of inertia : 0.28001 sq.ft.lb
 Noise level : 52 dB(A)

	D.E.	N.D.E.
Bearings	6206 ZZ	6205 ZZ
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.71	87.5
75%	0.63	86.5
50%	0.50	84.0

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