



Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
Product line : W01 (Rolled Steel) General Purpose TEFC

Frame : 182/4T
Output : 1.5 HP
Frequency : 60 Hz
Poles : 6
Full load speed : 1170 rpm
Slip : 2.50 %
Voltage : 208-230/460 V
Rated current : 4.91-4.44/2.22 A
Locked rotor current : 30.6/15.3 A
Locked rotor current (I_L/I_n) : 6.9
No-load current : 2.73/1.36 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:
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