



Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
 Product line : Three-Phase : Rolled Steel Motor - High Efficiency

Frame : 182T
 Output : 1.5 HP
 Frequency : 60 Hz
 Poles : 6
 Full load speed : 1165 rpm
 Slip : 2.92 %
 Voltage : 230/460 V
 Rated current : 4.74/2.37 A
 Locked rotor current : 37.9/19.0 A
 Locked rotor current (I_L/I_n) : 8.0
 No-load current : 3.26/1.63 A
 Full load torque : 6.67 lb.ft
 Locked rotor torque : 320 %
 Breakdown torque : 400 %
 Design : B
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 36 s (hot)
 Service factor : 1.15
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP55
 Approximate weight : 71 lb
 Moment of inertia : 0.48789 sq.ft.lb
 Noise level : ---

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

Load	Power factor	Efficiency (%)
100%	0.68	85.5
75%	0.58	84.0
50%	0.47	81.5

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