



Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
Product line : Brake Motors : Three-Phase - 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 : 35.6/17.8 A
Locked rotor current (I_L/I_n) : 7.5
No-load current : 3.26/1.63 A
Full load torque : 6.67 lb.ft
Locked rotor torque : 290 %
Breakdown torque : 360 %
Design : B
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 36 s (hot)
Service factor : 1.25
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : IP55
Approximate weight : 130 lb
Moment of inertia : 0.39914 sq.ft.lb
Noise level : 52 dB(A)

	D.E.	N.D.E.
Bearings	6307 ZZ	6207 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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