



Dealers Industrial Equipment

No.:

Date: 13-SEP-2016

DATA SHEET

Three-phase induction motor - Squirrel cage rotor

Customer :
Product line : Three-Phase : Explosion Proof - NEMA Premium

Frame : 184T
Output : 5 HP
Frequency : 60 Hz
Poles : 4
Full load speed : 1755 rpm
Slip : 2.50 %
Voltage : 208-230/460 V
Rated current : 14.5-13.1/6.57 A
Locked rotor current : 108/53.9 A
Locked rotor current (I_L/I_N) : 8.2
No-load current : 7.20/3.60 A
Full load torque : 14.8 lb.ft
Locked rotor torque : 270 %
Breakdown torque : 330 %
Design : B
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 17 s (hot)
Service factor : 1.15
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : IP55
Approximate weight : 130 lb
Moment of inertia : 0.36948 sq.ft.lb
Noise level : 56 dB(A)

	D.E.	N.D.E.
Bearings	6307 2RS	6206 2RS
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.79	89.5
75%	0.71	88.5
50%	0.59	86.5

Notes:

Downloaded from <http://dealerselectric.com>
Generated for Model #00518XT3E184T

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