



Dealers Industrial Equipment

No.:

Date: 13-SEP-2016

DATA SHEET

Three-phase induction motor - Squirrel cage rotor

Customer :
 Product line : Brake Motors : Three-Phase - High Efficiency

Frame : 184T
 Output : 5 HP
 Frequency : 60 Hz
 Poles : 2
 Full load speed : 3480 rpm
 Slip : 3.33 %
 Voltage : 230/460 V
 Rated current : 11.8/5.90 A
 Locked rotor current : 90.9/45.4 A
 Locked rotor current (I_L/I_n) : 7.7
 No-load current : 3.60/1.80 A
 Full load torque : 7.44 lb.ft
 Locked rotor torque : 230 %
 Breakdown torque : 330 %
 Design : B
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 23 s (hot)
 Service factor : 1.25
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP55
 Approximate weight : 116 lb
 Moment of inertia : 0.19981 sq.ft.lb
 Noise level : 69 dB(A)

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

Load	Power factor	Efficiency (%)
100%	0.90	87.5
75%	0.86	86.5
50%	0.80	84.0

Notes:
 Downloaded from <http://dealerselectric.com>
 Generated for Model #00536EP3EBM184T

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