



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 : 184T
 Output : 2 HP
 Frequency : 60 Hz
 Poles : 6
 Full load speed : 1165 rpm
 Slip : 2.92 %
 Voltage : 230/460 V
 Rated current : 6.40/3.20 A
 Locked rotor current : 48.0/24.0 A
 Locked rotor current (I_L/I_n) : 7.5
 No-load current : 4.20/2.10 A
 Full load torque : 8.89 lb.ft
 Locked rotor torque : 300 %
 Breakdown torque : 300 %
 Design : B
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 35 s (hot)
 Service factor : 1.25
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP55
 Approximate weight : 135 lb
 Moment of inertia : 0.53226 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	86.5
75%	0.60	85.5
50%	0.48	84.0

Notes:
 Downloaded from <http://dealerselectric.com>
 Generated for Model #00212EP3EBM184T

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