



Dealers Industrial Equipment

No.:

Date: 13-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
Product line : W22 High Efficiency

Frame : 184T
Output : 5 HP
Frequency : 60 Hz
Poles : 2
Full load speed : 3490 rpm
Slip : 3.06 %
Voltage : 230/460 V
Rated current : 11.8/5.90 A
Locked rotor current : 86.1/43.1 A
Locked rotor current (I_L/I_n) : 7.3
No-load current : 4.20/2.10 A
Full load torque : 7.42 lb.ft
Locked rotor torque : 200 %
Breakdown torque : 300 %
Design : B
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 27 s (hot)
Service factor : 1.25
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : IP55
Approximate weight : 88 lb
Moment of inertia : 0.19055 sq.ft.lb
Noise level : 69 dB(A)

	D.E.	N.D.E.
Bearings	6207 ZZ	6206 ZZ
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.89	87.5
75%	0.86	87.5
50%	0.78	85.5

Notes:
Downloaded from <http://dealerselectric.com>
Generated for Model #00536EP3ER184TC-W22

Performed by

Checked