



Dealers Industrial Equipment

No.:

Date: 13-SEP-2016

DATA SHEET

Single-phase induction motor - Squirrel cage rotor

Customer :
Product line : Compressor Duty : Single-Phase - ODP

Frame : 184T
Output : 5 HP
Frequency : 60 Hz
Poles : 4
Full load speed : 1745 rpm
Slip : 3.06 %
Voltage : 208-230 V
Rated current : 23.5-21.5 A
Locked rotor current : 140 A
Locked rotor current (I_L/I_n) : 6.5
No-load current : 7.20 A
Full load torque : 14.8 lb.ft
Locked rotor torque : 220 %
Breakdown torque : 200 %
Design : ---
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 6 s (hot)
Service factor : 1.25
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : IP22
Approximate weight : 115 lb
Moment of inertia : 0.49833 sq.ft.lb
Noise level : ---

	D.E.	N.D.E.
Bearings	6206 ZZ	6205 ZZ
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.91	82.5
75%	0.87	82.5
50%	0.82	81.5

Notes:
Downloaded from <http://dealerselectric.com>
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