



Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

DATA SHEET Single-phase induction motor - Squirrel cage rotor

Customer :
Product line : Single-Phase : ODP (IP22)

Frame : 184T
Output : 3 HP
Frequency : 60 Hz
Poles : 4
Full load speed : 1750 rpm
Slip : 2.78 %
Voltage : 230 V
Rated current : 17.5 A
Locked rotor current : 114 A
Locked rotor current (I_L/I_n) : 6.5
No-load current : 11.5 A
Full load torque : 8.88 lb.ft
Locked rotor torque : 210 %
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 : 106 lb
Moment of inertia : 0.43189 sq.ft.lb
Noise level : ---

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

Load	Power factor	Efficiency (%)
100%	0.75	75.0
75%	0.68	74.0
50%	0.56	71.0

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