



Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
Product line : W22 Cooling Tower Motors: NEMA Premium - TEAO

Frame : 182/4T
Output : 2 HP
Frequency : 60 Hz
Poles : 6
Full load speed : 1165 rpm
Slip : 2.92 %
Voltage : 575 V
Rated current : 2.58 A
Locked rotor current : 19.4 A
Locked rotor current (I_L/I_n) : 7.5
No-load current : 1.80 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 : 31 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 : 0.62101 sq.ft.lb
Noise level : 52 dB(A)

	D.E.	N.D.E.
Bearings	6207 2RS	6206 2RS
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.66	88.5
75%	0.58	88.5
50%	0.46	86.5

Notes:
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