



Dealers Industrial Equipment

No.:

Date: 23-SEP-2016

DATA SHEET

Three-phase induction motor - Squirrel cage rotor

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

Frame : 284T
Output : 25 HP
Frequency : 60 Hz
Poles : 4
Full load speed : 1765 rpm
Slip : 1.94 %
Voltage : 200 V
Rated current : 67.9 A
Locked rotor current : 421 A
Locked rotor current (I_L/I_n) : 6.2
No-load current : 24.2 A
Full load torque : 73.4 lb.ft
Locked rotor torque : 240 %
Breakdown torque : 270 %
Design : B
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 24 s (hot)
Service factor : 1.25
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : IP55
Approximate weight : 388 lb
Moment of inertia : 5.1084 sq.ft.lb
Noise level : 64 dB(A)

	D.E.	N.D.E.
Bearings	6311 2RS-C3	6211 2RS-C3
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.84	93.6
75%	0.80	93.0
50%	0.70	92.4

Notes:

Downloaded from <http://dealerselectric.com>

Generated for Model #02518AT3PCT284TF1-W2

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