



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 : 324T
 Output : 25 HP
 Frequency : 60 Hz
 Poles : 6
 Full load speed : 1180 rpm
 Slip : 1.67 %
 Voltage : 208-230/460 V
 Rated current : 67.2-60.8/30.4 A
 Locked rotor current : 377/188 A
 Locked rotor current (I_L/I_n) : 6.2
 No-load current : 28.0/14.0 A
 Full load torque : 110 lb.ft
 Locked rotor torque : 210 %
 Breakdown torque : 260 %
 Design : B
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 26 s (hot)
 Service factor : 1.25
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP55
 Approximate weight : 560 lb
 Moment of inertia : 11.493 sq.ft.lb
 Noise level : 62 dB(A)

	D.E.	N.D.E.
Bearings	6312 2RS-C3	6212 2RS-C3
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.82	93.0
75%	0.77	93.0
50%	0.65	91.7

Notes:
 Downloaded from <http://dealerselectric.com>
 Generated for Model #02512AT3ECT324TF1-W2

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