



Dealers Industrial Equipment

No.:

Date: 13-SEP-2016

DATA SHEET

Three-phase induction motor - Squirrel cage rotor

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

Frame : 213T
 Output : 7.5 HP
 Frequency : 60 Hz
 Poles : 4
 Full load speed : 1765 rpm
 Slip : 1.94 %
 Voltage : 200 V
 Rated current : 21.1 A
 Locked rotor current : 150 A
 Locked rotor current (I_L/I_n) : 7.1
 No-load current : 9.32 A
 Full load torque : 22.0 lb.ft
 Locked rotor torque : 220 %
 Breakdown torque : 310 %
 Design : B
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 20 s (hot)
 Service factor : 1.25
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP55
 Approximate weight : 154 lb
 Moment of inertia : 1.3436 sq.ft.lb
 Noise level : 58 dB(A)

	D.E.	N.D.E.
Bearings	6308 2RS	6207 2RS
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.82	91.7
75%	0.76	91.0
50%	0.66	89.5

Notes:
 Downloaded from <http://dealerselectric.com>
 Generated for Model #00718AT3PCT213TF1-W2

Performed by

Checked