



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 : 143/5T  
Output : 1 HP  
Frequency : 60 Hz  
Poles : 4  
Full load speed : 1760 rpm  
Slip : 2.22 %  
Voltage : 200 V  
Rated current : 3.38 A  
Locked rotor current : 28.4 A  
Locked rotor current (I<sub>L</sub>/I<sub>n</sub>) : 8.4  
No-load current : 2.16 A  
Full load torque : 2.94 lb.ft  
Locked rotor torque : 320 %  
Breakdown torque : 350 %  
Design : B  
Insulation class : F  
Temperature rise : 80 K  
Locked rotor time : 18 s (hot)  
Service factor : 1.25  
Duty cycle : S1  
Ambient temperature : -20°C - +40°C  
Altitude : 1000 m  
Degree of Protection : IP55  
Approximate weight : 41 lb  
Moment of inertia : 0.11723 sq.ft.lb  
Noise level : 51 dB(A)

	D.E.	N.D.E.
Bearings	6205 2RS	6204 2RS
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.75	85.5
75%	0.68	84.0
50%	0.55	80.0

Notes:  
Downloaded from <http://dealerselectric.com>  
Generated for Model #00118AT3PCT143T-W22

Performed by

Checked