



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 : 326T  
Output : 50 HP  
Frequency : 60 Hz  
Poles : 4  
Full load speed : 1775 rpm  
Slip : 1.39 %  
Voltage : 208-230/460 V  
Rated current : 131-118/59.2 A  
Locked rotor current : 734/367 A  
Locked rotor current (I<sub>L</sub>/I<sub>n</sub>) : 6.2  
No-load current : 47.0/23.5 A  
Full load torque : 146 lb.ft  
Locked rotor torque : 230 %  
Breakdown torque : 270 %  
Design : B  
Insulation class : F  
Temperature rise : 80 K  
Locked rotor time : 15 s (hot)  
Service factor : 1.25  
Duty cycle : S1  
Ambient temperature : -20°C - +40°C  
Altitude : 1000 m  
Degree of Protection : IP55  
Approximate weight : 536 lb  
Moment of inertia : 9.1624 sq.ft.lb  
Noise level : 66 dB(A)

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

Load	Power factor	Efficiency (%)
100%	0.83	94.5
75%	0.77	94.1
50%	0.66	93.0

Notes:

Downloaded from <http://dealerselectric.com>  
Generated for Model #05018AT3ECT326T-W22

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