



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 : 254T  
Output : 15 HP  
Frequency : 60 Hz  
Poles : 4  
Full load speed : 1765 rpm  
Slip : 1.94 %  
Voltage : 208-230/460 V  
Rated current : 39.8-36.0/18.0 A  
Locked rotor current : 230/115 A  
Locked rotor current (I<sub>L</sub>/I<sub>n</sub>) : 6.4  
No-load current : 16.0/8.00 A  
Full load torque : 44.0 lb.ft  
Locked rotor torque : 230 %  
Breakdown torque : 270 %  
Design : B  
Insulation class : F  
Temperature rise : 80 K  
Locked rotor time : 17 s (hot)  
Service factor : 1.25  
Duty cycle : S1  
Ambient temperature : -20°C - +40°C  
Altitude : 1000 m  
Degree of Protection : IP55  
Approximate weight : 251 lb  
Moment of inertia : 2.6198 sq.ft.lb  
Noise level : 64 dB(A)

	D.E.	N.D.E.
Bearings	6309 2RS-C3	6209 2RS-C3
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.83	92.4
75%	0.78	91.7
50%	0.68	91.0

Notes:  
Downloaded from <http://dealerselectric.com>  
Generated for Model #01518AT3ECT254TF1-W2

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