



# 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 : 182/4T  
Output : 2 HP  
Frequency : 60 Hz  
Poles : 6  
Full load speed : 1165 rpm  
Slip : 2.92 %  
Voltage : 208-230/460 V  
Rated current : 7.13-6.45/3.23 A  
Locked rotor current : 48.4/24.2 A  
Locked rotor current (I<sub>L</sub>/I<sub>n</sub>) : 7.5  
No-load current : 4.50/2.25 A  
Full load torque : 8.89 lb.ft  
Locked rotor torque : 300 %  
Breakdown torque : 300 %  
Design : B  
Insulation class : F  
Temperature rise : 80 K  
Locked rotor time : 31 s (hot)  
Service factor : 1.25  
Duty cycle : S1  
Ambient temperature : -20°C - +40°C  
Altitude : 1000 m  
Degree of Protection : IP55  
Approximate weight : 88 lb  
Moment of inertia : 0.62101 sq.ft.lb  
Noise level : 52 dB(A)

	D.E.	N.D.E.
Bearings	6207 2RS	6206 2RS
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.66	88.5
75%	0.58	88.5
50%	0.46	86.5

Notes:  
Downloaded from <http://dealerselectric.com>  
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