



# Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

## DATA SHEET Single-phase induction motor - Squirrel cage rotor

Customer :  
Product line : Single-Phase : W21 TEFC (IP55)

Frame : W213/5T  
Output : 2 HP  
Frequency : 60 Hz  
Poles : 6  
Full load speed : 1175 rpm  
Slip : 2.08 %  
Voltage : 208-230/460 V  
Rated current : 10.5-10.1/5.05 A  
Locked rotor current : 72.7/36.4 A  
Locked rotor current (I<sub>L</sub>/I<sub>n</sub>) : 7.2  
No-load current : 5.00/2.50 A  
Full load torque : 8.82 lb.ft  
Locked rotor torque : 240 %  
Breakdown torque : 250 %  
Design : ---  
Insulation class : B  
Temperature rise : 80 K  
Locked rotor time : 6 s (hot)  
Service factor : 1.00  
Duty cycle : S1  
Ambient temperature : -20°C - +40°C  
Altitude : 1000 m  
Degree of Protection : IP55  
Approximate weight : 117 lb  
Moment of inertia : 0.52206 sq.ft.lb  
Noise level : ---

	D.E.	N.D.E.	Load	Power factor	Efficiency (%)
Bearings	6308 ZZ	6206 ZZ	100%	0.83	78.0
Regreasing interval	---	---	75%	0.74	76.0
Grease amount	---	---	50%	0.65	69.0

Notes:  
Downloaded from <http://dealerselectric.com>  
Generated for Model #00212ES1E213T

Performed by

Checked