



# Dealers Industrial Equipment

No.:

Date: 27-SEP-2016

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

Customer :  
Product line : W22 Super Premium

Frame : 404/5T  
Output : 60 HP  
Frequency : 60 Hz  
Poles : 6  
Full load speed : 1185 rpm  
Slip : 1.25 %  
Voltage : 208-230/460 V  
Rated current : 160-144/72.2 A  
Locked rotor current : 1140/570 A  
Locked rotor current (I<sub>L</sub>/I<sub>n</sub>) : 7.9  
No-load current : 68.0/34.0 A  
Full load torque : 262 lb.ft  
Locked rotor torque : 280 %  
Breakdown torque : 320 %  
Design : A  
Insulation class : F  
Temperature rise : 80 K  
Locked rotor time : 22 s (hot)  
Service factor : 1.25  
Duty cycle : S1  
Ambient temperature : -20°C - +40°C  
Altitude : 1000 m  
Degree of Protection : IP55  
Approximate weight : 1111 lb  
Moment of inertia : 39.073 sq.ft.lb  
Noise level : 68 dB(A)

	D.E.	N.D.E.
Bearings	6316 C3	6314 C3
Regreasing interval	16000 h	17000 h
Grease amount	34 g	27 g

Load	Power factor	Efficiency (%)
100%	0.82	95.4
75%	0.77	95.0
50%	0.65	94.1

Notes:  
Downloaded from <http://dealerselectric.com>  
Generated for Model #06012EG3E404T-W22

Performed by

Checked