



# Dealers Industrial Equipment

No.:

Date: 23-SEP-2016

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

Customer :  
Product line : W22 Super Premium

Frame : 324/6T  
Output : 40 HP  
Frequency : 60 Hz  
Poles : 4  
Full load speed : 1780 rpm  
Slip : 1.11 %  
Voltage : 208-230/460 V  
Rated current : 108-97.8/48.9 A  
Locked rotor current : 822/411 A  
Locked rotor current (I<sub>L</sub>/I<sub>n</sub>) : 8.4  
No-load current : 44.0/22.0 A  
Full load torque : 116 lb.ft  
Locked rotor torque : 320 %  
Breakdown torque : 350 %  
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 : 534 lb  
Moment of inertia : 8.8292 sq.ft.lb  
Noise level : 66 dB(A)

	D.E.	N.D.E.
Bearings	6312 C3	6212 C3
Regreasing interval	20000 h	20000 h
Grease amount	21 g	13 g

Load	Power factor	Efficiency (%)
100%	0.81	95.0
75%	0.75	94.5
50%	0.64	93.6

Notes:  
Downloaded from <http://dealerselectric.com>  
Generated for Model #04018EG3E324T-W22

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