



# Dealers Industrial Equipment

No.:

Date: 27-SEP-2016

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

Customer :  
Product line : W22 Super Premium

Frame : 364/5TS  
Output : 75 HP  
Frequency : 60 Hz  
Poles : 2  
Full load speed : 3570 rpm  
Slip : 0.83 %  
Voltage : 208-230/460 V  
Rated current : 183-165/82.6 A  
Locked rotor current : 1320/661 A  
Locked rotor current (I<sub>L</sub>/I<sub>n</sub>) : 8.0  
No-load current : 56.0/28.0 A  
Full load torque : 109 lb.ft  
Locked rotor torque : 260 %  
Breakdown torque : 320 %  
Design : A  
Insulation class : F  
Temperature rise : 80 K  
Locked rotor time : 14 s (hot)  
Service factor : 1.25  
Duty cycle : S1  
Ambient temperature : -20°C - +40°C  
Altitude : 1000 m  
Degree of Protection : IP55  
Approximate weight : 937 lb  
Moment of inertia : 8.6064 sq.ft.lb  
Noise level : 79 dB(A)

	D.E.	N.D.E.
Bearings	6314 C3	6314 C3
Regreasing interval	4000 h	4000 h
Grease amount	27 g	27 g

Load	Power factor	Efficiency (%)
100%	0.88	95.0
75%	0.85	95.0
50%	0.77	93.6

Notes:  
Downloaded from <http://dealerselectric.com>  
Generated for Model #07536EG3E365TS-W22

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