



# Dealers Industrial Equipment

No.:

Date: 27-SEP-2016

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

Customer :  
Product line : ODP General Purpose

Frame : 365T  
Output : 75 HP  
Frequency : 60 Hz  
Poles : 4  
Full load speed : 1780 rpm  
Slip : 1.11 %  
Voltage : 208-230/460 V  
Rated current : 189-167/83.5 A  
Locked rotor current : 1120/559 A  
Locked rotor current (I<sub>L</sub>/I<sub>n</sub>) : 6.7  
No-load current : 54.0/27.0 A  
Full load torque : 218 lb.ft  
Locked rotor torque : 210 %  
Breakdown torque : 260 %  
Design : B  
Insulation class : F  
Temperature rise : 80 K  
Locked rotor time : 14 s (hot)  
Service factor : 1.15  
Duty cycle : S1  
Ambient temperature : -20°C - +40°C  
Altitude : 1000 m  
Degree of Protection : IP23  
Approximate weight : 648 lb  
Moment of inertia : 19.514 sq.ft.lb  
Noise level : 68 dB(A)

	D.E.	N.D.E.
Bearings	6314 C3	6314 C3
Regreasing interval	20000 h	20000 h
Grease amount	27 g	27 g

Load	Power factor	Efficiency (%)
100%	0.87	95.0
75%	0.84	95.0
50%	0.76	94.5

Notes:  
Downloaded from <http://dealerselectric.com>  
Generated for Model #07518OT3E365T-G

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