



## Dealers Industrial Equipment

No.:

Date: 23-SEP-2016

### DATA SHEET

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

Customer :  
Product line : ODP General Purpose

Frame : 284TS  
Output : 30 HP  
Frequency : 60 Hz  
Poles : 2  
Full load speed : 3540 rpm  
Slip : 1.67 %  
Voltage : 208-230/460 V  
Rated current : 76.7-69.4/34.7 A  
Locked rotor current : 444/222 A  
Locked rotor current (I<sub>L</sub>/I<sub>N</sub>) : 6.4  
No-load current : 22.0/11.0 A  
Full load torque : 43.9 lb.ft  
Locked rotor torque : 220 %  
Breakdown torque : 280 %  
Design : B  
Insulation class : F  
Temperature rise : 80 K  
Locked rotor time : 10 s (hot)  
Service factor : 1.15  
Duty cycle : S1  
Ambient temperature : -20°C - +40°C  
Altitude : 1000 m  
Degree of Protection : IP23  
Approximate weight : 299 lb  
Moment of inertia : 1.8856 sq.ft.lb  
Noise level : 72 dB(A)

	D.E.	N.D.E.
Bearings	6311 Z-C3	6211 Z-C3
Regreasing interval	20000 h	20000 h
Grease amount	18 g	11 g

Load	Power factor	Efficiency (%)
100%	0.86	92.4
75%	0.84	93.0
50%	0.77	92.4

#### Notes:

Downloaded from <http://dealersselectric.com>  
Generated for Model #03036OT3E284TS-G

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