



Dealers Industrial Equipment

No.:

Date: 13-SEP-2016

### DATA SHEET

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

Customer :  
 Product line : W01 (Rolled Steel) General Purpose ODP

Frame : 182/4T  
 Output : 7.5 HP  
 Frequency : 60 Hz  
 Poles : 2  
 Full load speed : 3500 rpm  
 Slip : 2.78 %  
 Voltage : 208-230/460 V  
 Rated current : 19.2-17.3/8.67 A  
 Locked rotor current : 128/64.2 A  
 Locked rotor current (I<sub>L</sub>/I<sub>n</sub>) : 7.4  
 No-load current : 6.43/3.22 A  
 Full load torque : 11.1 lb.ft  
 Locked rotor torque : 180 %  
 Breakdown torque : 290 %  
 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 : ODP  
 Approximate weight : 70 lb  
 Moment of inertia : 0.18177 sq.ft.lb  
 Noise level : 65 dB(A)

	D.E.	N.D.E.	Load	Power factor	Efficiency (%)
Bearings	6206 ZZ	6205 ZZ	100%	0.90	88.5
Regreasing interval	---	---	75%	0.85	88.5
Grease amount	---	---	50%	0.76	88.5

Notes:  
 Downloaded from <http://dealerselectric.com>  
 Generated for Model #00736OT3E184T-SG

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