



# Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

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

Customer :  
 Product line : Three-Phase : Explosion Proof - NEMA Premium

Frame : 184T  
 Output : 1.5 HP  
 Frequency : 60 Hz  
 Poles : 8  
 Full load speed : 860 rpm  
 Slip : 4.44 %  
 Voltage : 208-230/460 V  
 Rated current : 5.97-5.40/2.70 A  
 Locked rotor current : 29.7/14.9 A  
 Locked rotor current (I/In) : 5.5  
 No-load current : 3.80/1.90 A  
 Full load torque : 9.04 lb.ft  
 Locked rotor torque : 240 %  
 Breakdown torque : 260 %  
 Design : B  
 Insulation class : F  
 Temperature rise : 80 K  
 Locked rotor time : 17 s (hot)  
 Service factor : 1.15  
 Duty cycle : S1  
 Ambient temperature : -20°C - +40°C  
 Altitude : 1000 m  
 Degree of Protection : IP55  
 Approximate weight : 128 lb  
 Moment of inertia : 0.52230 sq.ft.lb  
 Noise level : 50 dB(A)

	D.E.	N.D.E.
Bearings	6307 2RS	6206 2RS
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.62	82.5
75%	0.54	81.5
50%	0.42	80.0

Notes:  
 Downloaded from <http://dealerselectric.com>  
 Generated for Model #00159XT3E184T

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