



# Dealers Industrial Equipment

No.:

Date: 23-SEP-2016

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

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

Frame : 254T  
 Output : 15 HP  
 Frequency : 60 Hz  
 Poles : 4  
 Full load speed : 1770 rpm  
 Slip : 1.67 %  
 Voltage : 575 V  
 Rated current : 14.7 A  
 Locked rotor current : 107 A  
 Locked rotor current (I<sub>L</sub>/I<sub>n</sub>) : 7.3  
 No-load current : 6.88 A  
 Full load torque : 43.9 lb.ft  
 Locked rotor torque : 300 %  
 Breakdown torque : 300 %  
 Design : B  
 Insulation class : F  
 Temperature rise : 80 K  
 Locked rotor time : 26 s (hot)  
 Service factor : 1.15  
 Duty cycle : S1  
 Ambient temperature : -20°C - +40°C  
 Altitude : 1000 m  
 Degree of Protection : IP55  
 Approximate weight : 329 lb  
 Moment of inertia : 2.3111 sq.ft.lb  
 Noise level : 69 dB(A)

	D.E.	N.D.E.
Bearings	6309 2RS-C3	6209 2RS-C3
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.81	92.4
75%	0.75	91.7
50%	0.65	90.2

### Notes:

Downloaded from <http://dealerselectric.com>  
 Generated for Model #01518XT3H254T

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