



# Dealers Industrial Equipment

No.:

Date: 23-SEP-2016

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

Customer :  
 Product line : Close Coupled Pump: Three-Phase - W01 (Rolled Steel) "JM" Type - TEFC - NEMA Premium Efficiency

Frame : 254/6JM  
 Output : 25 HP  
 Frequency : 60 Hz  
 Poles : 2  
 Full load speed : 3530 rpm  
 Slip : 1.94 %  
 Voltage : 575 V  
 Rated current : 22.8 A  
 Locked rotor current : 189 A  
 Locked rotor current (I<sub>L</sub>/I<sub>n</sub>) : 8.3  
 No-load current : 8.04 A  
 Full load torque : 36.7 lb.ft  
 Locked rotor torque : 240 %  
 Breakdown torque : 340 %  
 Design : A  
 Insulation class : F  
 Temperature rise : 80 K  
 Locked rotor time : 8 s (hot)  
 Service factor : 1.15  
 Duty cycle : S1  
 Ambient temperature : -20°C - +40°C  
 Altitude : 1000 m  
 Degree of Protection : IP55  
 Approximate weight : 221 lb  
 Moment of inertia : 1.3078 sq.ft.lb  
 Noise level : 75 dB(A)

	D.E.	N.D.E.	Load	Power factor	Efficiency (%)
Bearings	6309 Z-C3	6208 Z-C3	100%	0.89	91.7
Regreasing interval	15797 h	20000 h	75%	0.85	91.7
Grease amount	13 g	8 g	50%	0.77	91.0

Notes:  
 Downloaded from <http://dealerselectric.com>  
 Generated for Model #02536ET3H256JM-S

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