



# 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 - "JM" Type - ODP - NEMA Premium

Frame : 284JM  
 Output : 25 HP  
 Frequency : 60 Hz  
 Poles : 4  
 Full load speed : 1770 rpm  
 Slip : 1.67 %  
 Voltage : 208-230/460 V  
 Rated current : 66.1-59.8/29.9 A  
 Locked rotor current : 401/200 A  
 Locked rotor current (I<sub>L</sub>/I<sub>n</sub>) : 6.7  
 No-load current : 24.0/12.0 A  
 Full load torque : 73.2 lb.ft  
 Locked rotor torque : 250 %  
 Breakdown torque : 280 %  
 Design : B  
 Insulation class : F  
 Temperature rise : 80 K  
 Locked rotor time : 15 s (hot)  
 Service factor : 1.15  
 Duty cycle : S1  
 Ambient temperature : -20°C - +40°C  
 Altitude : 1000 m  
 Degree of Protection : IP23  
 Approximate weight : 342 lb  
 Moment of inertia : 3.4055 sq.ft.lb  
 Noise level : 62 dB(A)

	D.E.	N.D.E.	Load	Power factor	Efficiency (%)
Bearings	6311 Z-C3	6211 Z-C3	100%	0.83	93.6
Regreasing interval	20000 h	20000 h	75%	0.78	93.0
Grease amount	18 g	11 g	50%	0.67	92.4

Notes:  
 Downloaded from <http://dealerselectric.com>  
 Generated for Model #02518OT3E284JM

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