



# Dealers Industrial Equipment

No.:

Date: 23-SEP-2016

## DATA SHEET

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

Customer :  
 Product line : Three-Phase: W22 IE2 IEC Tru-Metric - TEFC (IP55) Cast Iron Frame

Frame : 200L  
 Output : 20 HP  
 Frequency : 60 Hz  
 Poles : 8  
 Full load speed : 880 rpm  
 Slip : 2.22 %  
 Voltage : 460 V  
 Rated current : 28.0 A  
 Locked rotor current : 151 A  
 Locked rotor current (I<sub>L</sub>/I<sub>n</sub>) : 5.4  
 No-load current : 14.8 A  
 Full load torque : 118 lb.ft  
 Locked rotor torque : 230 %  
 Breakdown torque : 230 %  
 Design : ---  
 Insulation class : F  
 Temperature rise : 80 K  
 Locked rotor time : 30 s (hot)  
 Service factor : 1.15  
 Duty cycle : S1  
 Ambient temperature : -20°C - +40°C  
 Altitude : 1000 m  
 Degree of Protection : IP55  
 Approximate weight : 498 lb  
 Moment of inertia : 10.014 sq.ft.lb  
 Noise level : 56 dB(A)

	D.E.	N.D.E.	Load	Power factor	Efficiency (%)
Bearings	6312 C3	6212 C3	100%	0.74	91.0
Regreasing interval	20000 h	20000 h	75%	0.68	91.0
Grease amount	21 g	13 g	50%	0.55	90.2

Notes:  
 Downloaded from <http://dealerselectric.com>  
 Generated for Model #01509EP3Y200L-W22

Performed by

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