



# Dealers Industrial Equipment

No.:

Date: 28-SEP-2016

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

Customer :  
 Product line : Three-Phase: W22 Crusher Duty TEFC (IP55)

Frame : 504/5Z  
 Output : 200 HP  
 Frequency : 60 Hz  
 Poles : 6  
 Full load speed : 1190 rpm  
 Slip : 0.83 %  
 Voltage : 460 V  
 Rated current : 236 A  
 Locked rotor current : 1420 A  
 Locked rotor current (I<sub>L</sub>/I<sub>n</sub>) : 6.0  
 No-load current : 80.0 A  
 Full load torque : 871 lb.ft  
 Locked rotor torque : 200 %  
 Breakdown torque : 210 %  
 Design : A  
 Insulation class : F  
 Temperature rise : 80 K  
 Locked rotor time : 19 s (hot)  
 Service factor : 1.15  
 Duty cycle : S1  
 Ambient temperature : -20°C - +40°C  
 Altitude : 1000 m  
 Degree of Protection : IP55  
 Approximate weight : 2368 lb  
 Moment of inertia : 133.62 sq.ft.lb  
 Noise level : 70 dB(A)

	D.E.	N.D.E.	Load	Power factor	Efficiency (%)
Bearings	NU-322 C3	6316 C3	100%	0.84	95.0
Regreasing interval	7000 h	16000 h	75%	0.81	95.0
Grease amount	60 g	34 g	50%	0.73	95.0

Notes:  
 Downloaded from <http://dealerselectric.com>  
 Generated for Model #20012EP3GKD505Z-W22

Performed by

Checked