



# Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

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

Customer :  
 Product line : Three-Phase: W22 IE3 IEC Tru-Metric - TEFC (IP55) Cast Iron Frame

Frame : 90L  
 Output : 2 HP  
 Frequency : 60 Hz  
 Poles : 4  
 Full load speed : 1755 rpm  
 Slip : 2.50 %  
 Voltage : 460 V  
 Rated current : 2.79 A  
 Locked rotor current : 23.2 A  
 Locked rotor current (I<sub>L</sub>/I<sub>n</sub>) : 8.3  
 No-load current : 1.68 A  
 Full load torque : 5.90 lb.ft  
 Locked rotor torque : 300 %  
 Breakdown torque : 400 %  
 Design : ---  
 Insulation class : F  
 Temperature rise : 80 K  
 Locked rotor time : 14 s (hot)  
 Service factor : 1.25  
 Duty cycle : S1  
 Ambient temperature : -20°C - +40°C  
 Altitude : 1000 m  
 Degree of Protection : IP55  
 Approximate weight : 51 lb  
 Moment of inertia : 0.15662 sq.ft.lb  
 Noise level : 49 dB(A)

	D.E.	N.D.E.	Load	Power factor	Efficiency (%)
Bearings	6205 ZZ	6204 ZZ	100%	0.78	86.5
Regreasing interval	---	---	75%	0.69	85.5
Grease amount	---	---	50%	0.56	82.5

### Notes:

Downloaded from <http://dealerselectric.com>  
 Generated for Model #00158ET3W90L-W22

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