



Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

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

Customer :  
Product line : Farm Duty Motors : TEFC (IP55) - Single-Phase

Frame : W182/4T  
Output : 2 HP  
Frequency : 60 Hz  
Poles : 4  
Full load speed : 1725 rpm  
Slip : 4.17 %  
Voltage : 115/230 V  
Rated current : 20.0/10.0 A  
Locked rotor current : 120/60.0 A  
Locked rotor current (I<sub>L</sub>/I<sub>n</sub>) : 6.0  
No-load current : 7.50/3.75 A  
Full load torque : 6.01 lb.ft  
Locked rotor torque : 250 %  
Breakdown torque : 240 %  
Design : ---  
Insulation class : F  
Temperature rise : 80 K  
Locked rotor time : 6 s (hot)  
Service factor : 1.15  
Duty cycle : S1  
Ambient temperature : -20°C - +40°C  
Altitude : 1000 m  
Degree of Protection : IP55  
Approximate weight : 82 lb  
Moment of inertia : 0.21191 sq.ft.lb  
Noise level : 55 dB(A)

	D.E.	N.D.E.
Bearings	6206 ZZ	6206 ZZ
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.88	81.0
75%	0.83	80.0
50%	0.77	76.0

Notes:  
Downloaded from <http://dealerselectric.com>  
Generated for Model #00218ES1RFD182T

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