



Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

DATA SHEET

Three-phase induction motor - Squirrel cage rotor

Customer :
 Product line : Three Phase: W01 (Rolled Steel) - TEFC - Standard Efficiency

Frame : 56
 Output : 0.5 HP
 Frequency : 60 Hz
 Poles : 6
 Full load speed : 1160 rpm
 Slip : 3.33 %
 Voltage : 575 V
 Rated current : 0.794 A
 Locked rotor current : 4.29 A
 Locked rotor current (I_L/I_n) : 5.4
 No-load current : 0.618 A
 Full load torque : 2.23 lb.ft
 Locked rotor torque : 210 %
 Breakdown torque : 300 %
 Design : A
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 22 s (hot)
 Service factor : 1.15
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP55
 Approximate weight : 25 lb
 Moment of inertia : 0.10655 sq.ft.lb
 Noise level : 50 dB(A)

	D.E.	N.D.E.	Load	Power factor	Efficiency (%)
Bearings	6203 ZZ	6202 ZZ	100%	0.65	72.0
Regreasing interval	---	---	75%	0.56	70.0
Grease amount	---	---	50%	0.44	64.0

Notes:
 Downloaded from <http://dealerselectric.com>
 Generated for Model #.5012ES3H56CFL-S

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