



Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
Product line : W22 High Efficiency

Frame : 182T
 Output : 1.5 HP
 Frequency : 60 Hz
 Poles : 6
 Full load speed : 1160 rpm
 Slip : 3.33 %
 Voltage : 230/460 V
 Rated current : 4.48/2.24 A
 Locked rotor current : 26.9/13.4 A
 Locked rotor current (I_L/I_n) : 6.0
 No-load current : 2.60/1.30 A
 Full load torque : 6.70 lb.ft
 Locked rotor torque : 200 %
 Breakdown torque : 260 %
 Design : B
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 55 s (hot)
 Service factor : 1.25
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP55
 Approximate weight : 68 lb
 Moment of inertia : 0.47863 sq.ft.lb
 Noise level : 52 dB(A)

	D.E.	N.D.E.	Load	Power factor	Efficiency (%)
Bearings	6207 ZZ	6206 ZZ	100%	0.72	85.5
Regreasing interval	---	---	75%	0.65	84.0
Grease amount	---	---	50%	0.53	81.5

Notes:
 Downloaded from <http://dealerselectric.com>
 Generated for Model #00152EP3ER182TC-W22

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