



Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
Product line : W22 Super Premium

Frame : 143/5T
Output : 1 HP
Frequency : 60 Hz
Poles : 4
Full load speed : 1760 rpm
Slip : 2.22 %
Voltage : 208-230/460 V
Rated current : 2.94-2.66/1.33 A
Locked rotor current : 23.9/12.0 A
Locked rotor current (I_L/I_n) : 9.0
No-load current : 1.54/0.770 A
Full load torque : 2.94 lb.ft
Locked rotor torque : 260 %
Breakdown torque : 330 %
Design : A
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 33 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 : 0.15543 sq.ft.lb
Noise level : 51 dB(A)

	D.E.	N.D.E.	Load	Power factor	Efficiency (%)
Bearings	6205 ZZ	6204 ZZ	100%	0.79	87.5
Regreasing interval	---	---	75%	0.70	86.5
Grease amount	---	---	50%	0.59	84.0

Notes:
Downloaded from <http://dealerselectric.com>
Generated for Model #00118EG3E143T-W22

Performed by

Checked