



Dealers Industrial Equipment

No.:

Date: 13-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
Product line : W22 High Efficiency

Frame : 284T
Output : 10 HP
Frequency : 60 Hz
Poles : 8
Full load speed : 880 rpm
Slip : 2.22 %
Voltage : 230/460 V
Rated current : 27.6/13.8 A
Locked rotor current : 157/78.7 A
Locked rotor current (I_L/I_n) : 5.7
No-load current : 13.0/6.50 A
Full load torque : 58.9 lb.ft
Locked rotor torque : 200 %
Breakdown torque : 220 %
Design : B
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 30 s (hot)
Service factor : 1.25
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : IP55
Approximate weight : 373 lb
Moment of inertia : 7.1992 sq.ft.lb
Noise level : 54 dB(A)

	D.E.	N.D.E.
Bearings	6311 C3	6211 C3
Regreasing interval	20000 h	20000 h
Grease amount	18 g	11 g

Load	Power factor	Efficiency (%)
100%	0.77	88.5
75%	0.72	88.5
50%	0.62	87.5

Notes:
Downloaded from <http://dealerselectric.com>
Generated for Model #01009EP3E284T-W22

Performed by

Checked