



Dealers Industrial Equipment

No.:

Date: 23-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
Product line : W22 NEMA Premium - Ball Bearings

Frame : 324/6T
Output : 25 HP
Frequency : 60 Hz
Poles : 6
Full load speed : 1180 rpm
Slip : 1.67 %
Voltage : 575 V
Rated current : 24.3 A
Locked rotor current : 151 A
Locked rotor current (I_L/I_n) : 6.2
No-load current : 11.2 A
Full load torque : 110 lb.ft
Locked rotor torque : 210 %
Breakdown torque : 260 %
Design : B
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 26 s (hot)
Service factor : 1.25
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : IP55
Approximate weight : 560 lb
Moment of inertia : 11.493 sq.ft.lb
Noise level : 62 dB(A)

	D.E.	N.D.E.
Bearings	6312 C3	6212 C3
Regreasing interval	20000 h	20000 h
Grease amount	21 g	13 g

Load	Power factor	Efficiency (%)
100%	0.82	93.0
75%	0.77	93.0
50%	0.65	91.7

Notes:
Downloaded from <http://dealerselectric.com>
Generated for Model #02512ET3H324T-W22

Performed by

Checked