



Dealers Industrial Equipment

No.:

Date: 23-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
Product line : W22 Super Premium

Frame : 324/6T
 Output : 50 HP
 Frequency : 60 Hz
 Poles : 4
 Full load speed : 1780 rpm
 Slip : 1.11 %
 Voltage : 208-230/460 V
 Rated current : 133-120/60.1 A
 Locked rotor current : 889/445 A
 Locked rotor current (I_L/I_n) : 7.4
 No-load current : 60.0/30.0 A
 Full load torque : 146 lb.ft
 Locked rotor torque : 260 %
 Breakdown torque : 300 %
 Design : A
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 20 s (hot)
 Service factor : 1.25
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP55
 Approximate weight : 598 lb
 Moment of inertia : 9.8171 sq.ft.lb
 Noise level : 66 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%	0.81	95.4
75%	0.73	95.0
50%	0.62	94.1

Notes:
 Downloaded from <http://dealerselectric.com>
 Generated for Model #05018EG3E326T-W22

Performed by

Checked