



Dealers Industrial Equipment

No.:

Date: 23-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
Product line : W22 High Efficiency

Frame : 324/6T
 Output : 25 HP
 Frequency : 60 Hz
 Poles : 8
 Full load speed : 880 rpm
 Slip : 2.22 %
 Voltage : 208-230/460 V
 Rated current : 78.5-71.0/35.5 A
 Locked rotor current : 362/181 A
 Locked rotor current (I_L/I_n) : 5.1
 No-load current : 40.0/20.0 A
 Full load torque : 147 lb.ft
 Locked rotor torque : 220 %
 Breakdown torque : 230 %
 Design : B
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 19 s (hot)
 Service factor : 1.25
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP55
 Approximate weight : 509 lb
 Moment of inertia : 11.919 sq.ft.lb
 Noise level : 56 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%	0.73	89.5
75%	0.66	89.5
50%	0.53	87.5

Notes:
 Downloaded from <http://dealerselectric.com>
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