



Dealers Industrial Equipment

No.:

Date: 23-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
Product line : ODP General Purpose

Frame : 324T
Output : 40 HP
Frequency : 60 Hz
Poles : 4
Full load speed : 1775 rpm
Slip : 1.39 %
Voltage : 208-230/460 V
Rated current : 107-96.4/48.2 A
Locked rotor current : 598/299 A
Locked rotor current (I_L/I_n) : 6.2
No-load current : 37.0/18.5 A
Full load torque : 117 lb.ft
Locked rotor torque : 220 %
Breakdown torque : 230 %
Design : B
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 28 s (hot)
Service factor : 1.15
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : IP23
Approximate weight : 545 lb
Moment of inertia : 6.0540 sq.ft.lb
Noise level : 64 dB(A)

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

Load	Power factor	Efficiency (%)
100%	0.83	94.1
75%	0.78	94.1
50%	0.68	93.6

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