



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 : 30 HP
Frequency : 60 Hz
Poles : 6
Full load speed : 1185 rpm
Slip : 1.25 %
Voltage : 208-230/460 V
Rated current : 81.2-73.4/36.7 A
Locked rotor current : 514/257 A
Locked rotor current (I_L/I_N) : 7.0
No-load current : 38.0/19.0 A
Full load torque : 131 lb.ft
Locked rotor torque : 260 %
Breakdown torque : 300 %
Design : A
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 27 s (hot)
Service factor : 1.25
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : IP55
Approximate weight : 584 lb
Moment of inertia : 12.911 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%	0.80	94.1
75%	0.73	93.6
50%	0.60	92.4

Notes:

Downloaded from <http://dealersselectric.com>
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