



Dealers Industrial Equipment

No.:

Date: 27-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
Product line : W22 Super Premium

Frame : 444/5T
Output : 100 HP
Frequency : 60 Hz
Poles : 6
Full load speed : 1190 rpm
Slip : 0.83 %
Voltage : 208-230/460 V
Rated current : 274-248/124 A
Locked rotor current : 1880/942 A
Locked rotor current (I_L/I_n) : 7.6
No-load current : 124/62.0 A
Full load torque : 435 lb.ft
Locked rotor torque : 260 %
Breakdown torque : 320 %
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 : 1896 lb
Moment of inertia : 106.11 sq.ft.lb
Noise level : 69 dB(A)

	D.E.	N.D.E.
Bearings	6319 C3	6316 C3
Regreasing interval	13000 h	16000 h
Grease amount	45 g	34 g

Load	Power factor	Efficiency (%)
100%	0.79	95.8
75%	0.72	95.4
50%	0.60	94.5

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