



Dealers Industrial Equipment

No.:

Date: 27-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
Product line : W22 Super Premium

Frame : 404/5T
Output : 75 HP
Frequency : 60 Hz
Poles : 6
Full load speed : 1190 rpm
Slip : 0.83 %
Voltage : 208-230/460 V
Rated current : 197-179/89.3 A
Locked rotor current : 1430/714 A
Locked rotor current (I_L/I_n) : 8.0
No-load current : 86.0/43.0 A
Full load torque : 327 lb.ft
Locked rotor torque : 280 %
Breakdown torque : 300 %
Design : A
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 15 s (hot)
Service factor : 1.25
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : IP55
Approximate weight : 1125 lb
Moment of inertia : 41.303 sq.ft.lb
Noise level : 68 dB(A)

	D.E.	N.D.E.
Bearings	6316 C3	6314 C3
Regreasing interval	16000 h	17000 h
Grease amount	34 g	27 g

Load	Power factor	Efficiency (%)
100%	0.81	95.4
75%	0.75	95.0
50%	0.64	94.1

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