



Dealers Industrial Equipment

No.:

Date: 27-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
Product line : W22 High Efficiency

Frame : 404/5T
Output : 60 HP
Frequency : 60 Hz
Poles : 8
Full load speed : 880 rpm
Slip : 2.22 %
Voltage : 230/460 V
Rated current : 148/74.2 A
Locked rotor current : 935/467 A
Locked rotor current (I_L/I_n) : 6.3
No-load current : 58.0/29.0 A
Full load torque : 353 lb.ft
Locked rotor torque : 180 %
Breakdown torque : 250 %
Design : B
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 11 s (hot)
Service factor : 1.25
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : IP55
Approximate weight : 1047 lb
Moment of inertia : 36.859 sq.ft.lb
Noise level : 60 dB(A)

	D.E.	N.D.E.
Bearings	6316 C3	6314 C3
Regreasing interval	20000 h	20000 h
Grease amount	34 g	27 g

Load	Power factor	Efficiency (%)
100%	0.83	91.7
75%	0.80	92.4
50%	0.70	91.7

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