



Dealers Industrial Equipment

No.:

Date: 23-SEP-2016

DATA SHEET

Three-phase induction motor - Squirrel cage rotor

Customer :
Product line : W22 General Purpose TEFC

Frame : 364/5T
Output : 50 HP
Frequency : 60 Hz
Poles : 6
Full load speed : 1180 rpm
Slip : 1.67 %
Voltage : 208-230/460 V
Rated current : 127-115/57.4 A
Locked rotor current : 735/367 A
Locked rotor current (I_L/I_n) : 6.4
No-load current : 40.0/20.0 A
Full load torque : 220 lb.ft
Locked rotor torque : 200 %
Breakdown torque : 240 %
Design : B
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 18 s (hot)
Service factor : 1.25
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : IP55
Approximate weight : 869 lb
Moment of inertia : 32.391 sq.ft.lb
Noise level : 66 dB(A)

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

Load	Power factor	Efficiency (%)
100%	0.86	94.1
75%	0.83	94.1
50%	0.74	93.6

Notes:

Downloaded from <http://dealerselectric.com>
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