



Dealers Industrial Equipment

No.:

Date: 23-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
Product line : W22 High Efficiency

Frame : 284T
Output : 25 HP
Frequency : 60 Hz
Poles : 4
Full load speed : 1760 rpm
Slip : 2.22 %
Voltage : 230/460 V
Rated current : 58.4/29.2 A
Locked rotor current : 356/178 A
Locked rotor current (I_L/I_n) : 6.1
No-load current : 22.0/11.0 A
Full load torque : 73.6 lb.ft
Locked rotor torque : 220 %
Breakdown torque : 240 %
Design : B
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 23 s (hot)
Service factor : 1.25
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : IP55
Approximate weight : 388 lb
Moment of inertia : 5.1084 sq.ft.lb
Noise level : 64 dB(A)

	D.E.	N.D.E.
Bearings	6311 C3	6211 C3
Regreasing interval	20000 h	20000 h
Grease amount	18 g	11 g

Load	Power factor	Efficiency (%)
100%	0.86	92.4
75%	0.82	92.4
50%	0.73	91.7

Notes:

Downloaded from <http://dealerselectric.com>
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