



Dealers Industrial Equipment

No.:

Date: 28-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
Product line : W22 High Efficiency

Frame : 447/9TS
Output : 250 HP
Frequency : 60 Hz
Poles : 2
Full load speed : 3575 rpm
Slip : 0.69 %
Voltage : 208-230/460 V
Rated current : 597-540/270 A
Locked rotor current : 3510/1760 A
Locked rotor current (I_L/I_n) : 6.5
No-load current : 120/60.0 A
Full load torque : 362 lb.ft
Locked rotor torque : 190 %
Breakdown torque : 240 %
Design : B
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 20 s (hot)
Service factor : 1.15
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : IP55
Approximate weight : 2388 lb
Moment of inertia : 51.379 sq.ft.lb
Noise level : 81 dB(A)

	D.E.	N.D.E.
Bearings	6314 C3	6314 C3
Regreasing interval	4000 h	4000 h
Grease amount	27 g	27 g

Load	Power factor	Efficiency (%)
100%	0.90	95.4
75%	0.88	95.4
50%	0.85	94.5

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