



Dealers Industrial Equipment

No.:

Date: 28-SEP-2016

DATA SHEET

Three-phase induction motor - Squirrel cage rotor

Customer :
Product line : W22 Super Premium

Frame : 447/9T
Output : 200 HP
Frequency : 60 Hz
Poles : 4
Full load speed : 1785 rpm
Slip : 0.83 %
Voltage : 460 V
Rated current : 234 A
Locked rotor current : 1800 A
Locked rotor current (I_L/I_n) : 7.7
No-load current : 105 A
Full load torque : 580 lb.ft
Locked rotor torque : 280 %
Breakdown torque : 300 %
Design : A
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 24 s (hot)
Service factor : 1.25
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : IP55
Approximate weight : 2293 lb
Moment of inertia : 98.669 sq.ft.lb
Noise level : 75 dB(A)

	D.E.	N.D.E.
Bearings	6322 C3	6319 C3
Regreasing interval	6000 h	8000 h
Grease amount	60 g	45 g

Load	Power factor	Efficiency (%)
100%	0.83	96.8
75%	0.77	96.5
50%	0.66	95.8

Notes:

Downloaded from <http://dealerselectric.com>
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