



Dealers Industrial Equipment

No.:

Date: 28-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
Product line : W22 NEMA Premium - Ball Bearings

Frame : L447/9T
Output : 250 HP
Frequency : 60 Hz
Poles : 8
Full load speed : 890 rpm
Slip : 1.11 %
Voltage : 460 V
Rated current : 308 A
Locked rotor current : 1850 A
Locked rotor current (I_L/I_n) : 6.0
No-load current : 130 A
Full load torque : 1455 lb.ft
Locked rotor torque : 200 %
Breakdown torque : 230 %
Design : B
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 24 s (hot)
Service factor : 1.15
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : IP55
Approximate weight : 3550 lb
Moment of inertia : 254.72 sq.ft.lb
Noise level : 64 dB(A)

	D.E.	N.D.E.
Bearings	6322 C3	6319 C3
Regreasing interval	14000 h	17000 h
Grease amount	60 g	45 g

Load	Power factor	Efficiency (%)
100%	0.79	95.4
75%	0.75	95.4
50%	0.65	95.4

Notes:
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