



Dealers Industrial Equipment

No.:

Date: 29-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
 Product line : W22 NEMA Premium - Ball Bearings

Frame : L447/9T
 Output : 400 HP
 Frequency : 60 Hz
 Poles : 6
 Full load speed : 1190 rpm
 Slip : 0.83 %
 Voltage : 460 V
 Rated current : 477 A
 Locked rotor current : 3290 A
 Locked rotor current (I_L/I_n) : 6.9
 No-load current : 200 A
 Full load torque : 1741 lb.ft
 Locked rotor torque : 240 %
 Breakdown torque : 250 %
 Design : A
 Insulation class : F
 Temperature rise : 105 K
 Locked rotor time : 13 s (hot)
 Service factor : 1.15
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP55
 Approximate weight : 3682 lb
 Moment of inertia : 278.34 sq.ft.lb
 Noise level : 71 dB(A)

	D.E.	N.D.E.
Bearings	6322 C3	6319 C3
Regreasing interval	11000 h	13000 h
Grease amount	60 g	45 g

Load	Power factor	Efficiency (%)
100%	0.82	95.8
75%	0.78	95.8
50%	0.68	95.4

Notes:
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