



Dealers Industrial Equipment

No.:

Date: 28-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
Product line : W22 High Efficiency

Frame : 447/9T
Output : 250 HP
Frequency : 60 Hz
Poles : 4
Full load speed : 1780 rpm
Slip : 1.11 %
Voltage : 460 V
Rated current : 283 A
Locked rotor current : 1810 A
Locked rotor current (I_L/I_n) : 6.4
No-load current : 80.0 A
Full load torque : 728 lb.ft
Locked rotor torque : 220 %
Breakdown torque : 220 %
Design : B
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 16 s (hot)
Service factor : 1.15
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : IP55
Approximate weight : 2033 lb
Moment of inertia : 89.555 sq.ft.lb
Noise level : ---

	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%	0.86	95.4
75%	0.84	95.4
50%	0.78	95.0

Notes:

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