



Dealers Industrial Equipment

No.:

Date: 29-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
Product line : ODP – Open Induction Motors – High Efficiency

Frame : 447/9T
Output : 400 HP
Frequency : 60 Hz
Poles : 4
Full load speed : 1780 rpm
Slip : 1.11 %
Voltage : 460 V
Rated current : 443 A
Locked rotor current : 3410 A
Locked rotor current (I_L/I_n) : 7.7
No-load current : 122 A
Full load torque : 1164 lb.ft
Locked rotor torque : 260 %
Breakdown torque : 270 %
Design : A
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 9 s (hot)
Service factor : 1.15
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : IP23
Approximate weight : 2536 lb
Moment of inertia : 77.614 sq.ft.lb
Noise level : 77 dB(A)

	D.E.	N.D.E.
Bearings	6319 C3	6316 C3
Regreasing interval	20000 h	20000 h
Grease amount	45 g	34 g

Load	Power factor	Efficiency (%)
100%	0.89	95.5
75%	0.87	95.8
50%	0.81	95.8

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