



Dealers Industrial Equipment

No.:

Date: 28-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
Product line : P-Base Motors : High Efficiency

Frame : 444HP
Output : 125 HP
Frequency : 60 Hz
Poles : 2
Full load speed : 3560 rpm
Slip : 1.11 %
Voltage : 460 V
Rated current : 136 A
Locked rotor current : 898 A
Locked rotor current (I_L/I_n) : 6.6
No-load current : 33.0 A
Full load torque : 182 lb.ft
Locked rotor torque : 200 %
Breakdown torque : 250 %
Design : B
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 40 s (hot)
Service factor : 1.15
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : IP55
Approximate weight : 1625 lb
Moment of inertia : 27.923 sq.ft.lb
Noise level : 86 dB(A)

	D.E.	N.D.E.
Bearings	6316 C3	6314 C3
Regreasing interval	1350 h	1802 h
Grease amount	34 g	27 g

Load	Power factor	Efficiency (%)
100%	0.91	94.5
75%	0.90	94.1
50%	0.84	92.4

Notes:
Downloaded from <http://dealerselectric.com>
Generated for Model #12536EP3G444HP

Performed by

Checked