



Dealers Industrial Equipment

No.:

Date: 23-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

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

Frame : 254HP
Output : 15 HP
Frequency : 60 Hz
Poles : 4
Full load speed : 1760 rpm
Slip : 2.22 %
Voltage : 230/460 V
Rated current : 36.2/18.1 A
Locked rotor current : 232/116 A
Locked rotor current (I_L/I_n) : 6.4
No-load current : 15.6/7.80 A
Full load torque : 44.2 lb.ft
Locked rotor torque : 250 %
Breakdown torque : 250 %
Design : B
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 23 s (hot)
Service factor : 1.25
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : IP55
Approximate weight : 275 lb
Moment of inertia : 2.1900 sq.ft.lb
Noise level : 69 dB(A)

	D.E.	N.D.E.
Bearings	6311 C3	6209 C3
Regreasing interval	10000 h	10000 h
Grease amount	18 g	9 g

Load	Power factor	Efficiency (%)
100%	0.82	91.0
75%	0.76	91.0
50%	0.66	90.2

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