



Dealers Industrial Equipment

No.:

Date: 27-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

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

Frame : 326HP
Output : 60 HP
Frequency : 60 Hz
Poles : 4
Full load speed : 1770 rpm
Slip : 1.67 %
Voltage : 230/460 V
Rated current : 142/71.0 A
Locked rotor current : 923/462 A
Locked rotor current (I_L/I_n) : 6.5
No-load current : 45.0/22.5 A
Full load torque : 176 lb.ft
Locked rotor torque : 210 %
Breakdown torque : 230 %
Design : B
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 20 s (hot)
Service factor : 1.25
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : IP55
Approximate weight : 849 lb
Moment of inertia : 9.1624 sq.ft.lb
Noise level : 71 dB(A)

	D.E.	N.D.E.
Bearings	6314 C3	6212 C3
Regreasing interval	9790 h	10000 h
Grease amount	27 g	13 g

Load	Power factor	Efficiency (%)
100%	0.85	93.6
75%	0.83	93.6
50%	0.75	91.7

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