



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 : 2
Full load speed : 3530 rpm
Slip : 1.94 %
Voltage : 230/460 V
Rated current : 138/69.0 A
Locked rotor current : 856/428 A
Locked rotor current (I_L/I_n) : 6.2
No-load current : 30.0/15.0 A
Full load torque : 88.1 lb.ft
Locked rotor torque : 200 %
Breakdown torque : 240 %
Design : B
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 14 s (hot)
Service factor : 1.25
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : IP55
Approximate weight : 549 lb
Moment of inertia : 5.3212 sq.ft.lb
Noise level : 81 dB(A)

	D.E.	N.D.E.
Bearings	6314 C3	6212 C3
Regreasing interval	3604 h	6072 h
Grease amount	27 g	13 g

Load	Power factor	Efficiency (%)
100%	0.88	93.0
75%	0.87	92.4
50%	0.83	91.0

Notes:
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