



Dealers Industrial Equipment

No.:

Date: 13-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
Product line : W01 (Rolled Steel) Close Coupled Pump ODP - JP Type

Frame : 143/5JP
Output : 3 HP
Frequency : 60 Hz
Poles : 2
Full load speed : 3480 rpm
Slip : 3.33 %
Voltage : 208-230/460 V
Rated current : 7.94-7.18/3.59 A
Locked rotor current : 57.4/28.7 A
Locked rotor current (I_L/I_n) : 8.0
No-load current : 2.60/1.30 A
Full load torque : 4.47 lb.ft
Locked rotor torque : 230 %
Breakdown torque : 300 %
Design : B
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 : ODP
Approximate weight : 40 lb
Moment of inertia : 0.12790 sq.ft.lb
Noise level : 62 dB(A)

	D.E.	N.D.E.
Bearings	6206 ZZ	6203 ZZ
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.90	85.5
75%	0.86	85.5
50%	0.76	84.0

Notes:
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