



Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

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

Frame : 143/5JM
Output : 1.5 HP
Frequency : 60 Hz
Poles : 4
Full load speed : 1760 rpm
Slip : 2.22 %
Voltage : 208-230/460 V
Rated current : 4.58-4.14/2.07 A
Locked rotor current : 36.0/18.0 A
Locked rotor current (I_L/I_n) : 8.7
No-load current : 2.40/1.20 A
Full load torque : 4.42 lb.ft
Locked rotor torque : 280 %
Breakdown torque : 330 %
Design : B
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 15 s (hot)
Service factor : 1.15
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : ODP
Approximate weight : 42 lb
Moment of inertia : 0.14262 sq.ft.lb
Noise level : 52 dB(A)

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

Load	Power factor	Efficiency (%)
100%	0.77	86.5
75%	0.69	86.5
50%	0.56	84.0

Notes:
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