



Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
 Product line : Close Coupled Pump: Three-Phase - W01 (Rolled Steel) "JP" Type - ODP - High Efficiency

Frame : 143/5JP
 Output : 1.5 HP
 Frequency : 60 Hz
 Poles : 2
 Full load speed : 3495 rpm
 Slip : 2.92 %
 Voltage : 200/400 V
 Rated current : 4.32/2.16 A
 Locked rotor current : 33.7/16.9 A
 Locked rotor current (I_L/I_n) : 7.8
 No-load current : 1.85/0.925 A
 Full load torque : 2.22 lb.ft
 Locked rotor torque : 240 %
 Breakdown torque : 320 %
 Design : B
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 22 s (hot)
 Service factor : 1.15
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : ODP
 Approximate weight : 29 lb
 Moment of inertia : 0.03583 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%	0.89	82.5
75%	0.84	82.5
50%	0.73	81.5

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