



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 TEFC - JP Type

Frame : 213/5JP
Output : 10 HP
Frequency : 60 Hz
Poles : 4
Full load speed : 1760 rpm
Slip : 2.22 %
Voltage : 208-230/460 V
Rated current : 27.0-24.4/12.2 A
Locked rotor current : 171/85.4 A
Locked rotor current (I_L/I_n) : 7.0
No-load current : 11.1/5.54 A
Full load torque : 29.4 lb.ft
Locked rotor torque : 250 %
Breakdown torque : 300 %
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 : IP55
Approximate weight : 130 lb
Moment of inertia : 1.0690 sq.ft.lb
Noise level : 60 dB(A)

	D.E.	N.D.E.
Bearings	6209 ZZ	6206 ZZ
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.84	91.7
75%	0.78	91.0
50%	0.67	91.0

Notes:
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