



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 - W22 "JM" Type - TEFC - NEMA Premium

Frame : 143/5JM
Output : 1 HP
Frequency : 60 Hz
Poles : 4
Full load speed : 1760 rpm
Slip : 2.22 %
Voltage : 200/400 V
Rated current : 3.38/1.69 A
Locked rotor current : 28.4/14.2 A
Locked rotor current (I_L/I_n) : 8.4
No-load current : 2.16/1.08 A
Full load torque : 2.94 lb.ft
Locked rotor torque : 320 %
Breakdown torque : 350 %
Design : B
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 18 s (hot)
Service factor : 1.25
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : IP55
Approximate weight : 41 lb
Moment of inertia : 0.11723 sq.ft.lb
Noise level : 51 dB(A)

	D.E.	N.D.E.
Bearings	6206 ZZ	6204 ZZ
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.75	85.5
75%	0.68	84.0
50%	0.55	80.0

Notes:

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Generated for Model #00118ET3V143JM-W22

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