



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 -
NEMA Premium Efficiency

Frame : 143/5JP
Output : 2 HP
Frequency : 60 Hz
Poles : 4
Full load speed : 1740 rpm
Slip : 3.33 %
Voltage : 208-230/460 V
Rated current : 5.95-5.38/2.69 A
Locked rotor current : 41.4/20.7 A
Locked rotor current (I_L/I_N) : 7.7
No-load current : 2.75/1.38 A
Full load torque : 5.96 lb.ft
Locked rotor torque : 260 %
Breakdown torque : 320 %
Design : B
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 17 s (hot)
Service factor : 1.15
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : ODP
Approximate weight : 39 lb
Moment of inertia : 0.11675 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%	0.81	86.5
75%	0.74	86.5
50%	0.61	85.5

Notes:

Downloaded from <http://dealersselectric.com>
Generated for Model #00218OT3E145JP-S

Performed by

Checked