



Dealers Industrial Equipment

No.:

Date: 23-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
 Product line : Close Coupled Pump: Three-Phase - W22 "JP" Type - TEFC - High Efficiency

Frame : 254/6JP
 Output : 25 HP
 Frequency : 60 Hz
 Poles : 2
 Full load speed : 3515 rpm
 Slip : 2.36 %
 Voltage : 575 V
 Rated current : 22.7 A
 Locked rotor current : 141 A
 Locked rotor current (I_L/I_n) : 6.2
 No-load current : 6.40 A
 Full load torque : 36.8 lb.ft
 Locked rotor torque : 200 %
 Breakdown torque : 230 %
 Design : B
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 11 s (hot)
 Service factor : 1.15
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP55
 Approximate weight : 273 lb
 Moment of inertia : 1.5358 sq.ft.lb
 Noise level : 72 dB(A)

	D.E.	N.D.E.
Bearings	6309 C3	6209 C3
Regreasing interval	19000 h	20000 h
Grease amount	13 g	9 g

Load	Power factor	Efficiency (%)
100%	0.90	91.0
75%	0.87	91.0
50%	0.81	91.0

Notes:
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