



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 : 324/6JP
 Output : 50 HP
 Frequency : 60 Hz
 Poles : 2
 Full load speed : 3555 rpm
 Slip : 1.25 %
 Voltage : 208-230/460 V
 Rated current : 125-113/56.5 A
 Locked rotor current : 701/350 A
 Locked rotor current (I_L/I_n) : 6.2
 No-load current : 30.0/15.0 A
 Full load torque : 72.9 lb.ft
 Locked rotor torque : 230 %
 Breakdown torque : 230 %
 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 : 549 lb
 Moment of inertia : 5.3212 sq.ft.lb
 Noise level : 76 dB(A)

	D.E.	N.D.E.	Load	Power factor	Efficiency (%)
Bearings	6312 C3	6212 C3	100%	0.89	92.4
Regreasing interval	12000 h	15000 h	75%	0.88	92.4
Grease amount	21 g	13 g	50%	0.83	91.7

Notes:
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