



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 - NEMA Premium

Frame : 324/6JP
 Output : 30 HP
 Frequency : 60 Hz
 Poles : 6
 Full load speed : 1180 rpm
 Slip : 1.67 %
 Voltage : 208-230/460 V
 Rated current : 79.2-72.4/36.2 A
 Locked rotor current : 449/224 A
 Locked rotor current (I_L/I_n) : 6.2
 No-load current : 32.0/16.0 A
 Full load torque : 132 lb.ft
 Locked rotor torque : 230 %
 Breakdown torque : 260 %
 Design : B
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 21 s (hot)
 Service factor : 1.25
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP55
 Approximate weight : 628 lb
 Moment of inertia : 13.196 sq.ft.lb
 Noise level : 62 dB(A)

	D.E.	N.D.E.	Load	Power factor	Efficiency (%)
Bearings	6312 C3	6212 C3	100%	0.82	93.0
Regreasing interval	20000 h	20000 h	75%	0.76	93.0
Grease amount	21 g	13 g	50%	0.65	91.7

Notes:
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