



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 - "JP" Type - ODP - NEMA Premium

Frame : 286JP
 Output : 40 HP
 Frequency : 60 Hz
 Poles : 2
 Full load speed : 3535 rpm
 Slip : 1.81 %
 Voltage : 575 V
 Rated current : 37.7 A
 Locked rotor current : 241 A
 Locked rotor current (I_L/I_n) : 6.4
 No-load current : 10.4 A
 Full load torque : 58.6 lb.ft
 Locked rotor torque : 200 %
 Breakdown torque : 260 %
 Design : B
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 10 s (hot)
 Service factor : 1.15
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP23
 Approximate weight : 417 lb
 Moment of inertia : 2.3569 sq.ft.lb
 Noise level : 73 dB(A)

	D.E.	N.D.E.
Bearings	6311 Z-C3	6211 Z-C3
Regreasing interval	20000 h	20000 h
Grease amount	18 g	11 g

Load	Power factor	Efficiency (%)
100%	0.86	93.0
75%	0.83	93.0
50%	0.74	91.7

Notes:
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