



Dealers Industrial Equipment

No.:

Date: 23-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
 Product line : Fire Pump Motors - ODP Three Phase - Foot Mount and Flange Mount

Frame : 326TS
 Output : 50 HP
 Frequency : 60 Hz
 Poles : 4
 Full load speed : 1770 rpm
 Slip : 1.67 %
 Voltage : 208-230/460 V
 Rated current : 133-120/60.2 A
 Locked rotor current : 674/337 A
 Locked rotor current (I_L/I_n) : 5.6
 No-load current : 46.0/23.0 A
 Full load torque : 146 lb.ft
 Locked rotor torque : 200 %
 Breakdown torque : 210 %
 Design : B
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 18 s (hot)
 Service factor : 1.15
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP23
 Approximate weight : 538 lb
 Moment of inertia : 5.7265 sq.ft.lb
 Noise level : 65 dB(A)

	D.E.	N.D.E.	Load	Power factor	Efficiency (%)
Bearings	6312 Z-C3	6212 Z-C3	100%	0.83	93.0
Regreasing interval	20000 h	20000 h	75%	0.80	93.0
Grease amount	21 g	13 g	50%	0.70	92.4

Notes:
 Downloaded from <http://dealerselectric.com>
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