



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 : 326T
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:
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