



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 : 256T
 Output : 25 HP
 Frequency : 60 Hz
 Poles : 2
 Full load speed : 3530 rpm
 Slip : 1.94 %
 Voltage : 208-230/460 V
 Rated current : 64.8-58.6/29.3 A
 Locked rotor current : 352/176 A
 Locked rotor current (I_L/I_n) : 6.0
 No-load current : 18.8/9.40 A
 Full load torque : 36.7 lb.ft
 Locked rotor torque : 200 %
 Breakdown torque : 250 %
 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 : 230 lb
 Moment of inertia : 0.97744 sq.ft.lb
 Noise level : 67 dB(A)

	D.E.	N.D.E.	Load	Power factor	Efficiency (%)
Bearings	6309 Z-C3	6209 Z-C3	100%	0.87	91.0
Regreasing interval	20000 h	20000 h	75%	0.84	91.0
Grease amount	13 g	9 g	50%	0.76	90.2

Notes:
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