DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Three Phase induction wotor - Squirrer Cage										
Customer	:									
Product line	: Close Coupl Phase	ed Pump Higl	n Efficiency	Three- Product code :	10342279					
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor torque Insulation class Service factor Moment of inertia Design	: 4 : 60 l : 230 : 71.3 : 434 : 6.13 : 28.0 : 177 : 1.6 : 89.0 : 250 : 270 : F	HP (22 kW) Hz 1/460 V 2/35.6 A 1/217 A K(Code G) 1/14.0 A 1/0 rpm 1/7 % 1/8 ft.lb 1/9 %		Locked rotor time Temperature rise Duty cycle Ambient temperature Altitude Protection degree Cooling method Mounting Rotation¹ Noise level² Starting method Approx. weight³	: 23s (cold) 13s (ho : 80 K : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IP23 : IC01 - ODP : F-1 : Both (CW and CC : 63.0 dB(A) : Direct On Line : 360 lb	,				
Output	25% 50%	75%	100%	Foundation loads						
Efficiency (%)	91.5 89.6 91.7 88			Max. traction	: 859 lb					
Power Factor	89.8 90.0 89.5 90 0.46 0.54 0.72 0. 0.50 0.47 0.75 0.	78 0.81 0.84	0.84 0.86	Max. compression	: 1218 lb					
Bearing type Sealing Lubrication interva Lubricant amount Lubricant type	: : : : :	Drive 6 6311 2 Without Bea 2000 18	Z C3 aring Seal 0 h	Non drive e 6211 Z (Without Beari 20000 I 11 g bil Polyrex EM	3 ng Seal					
Notes:										

This revision replaces and cancel the previous one, which must be eliminated.

- (1) Looking the motor from the shaft end.
- (2) Measured at 1m and with tolerance of +3dB(A).
- (3) Approximate weight subject to changes after manufacturing process.
- (4) At 100% of full load.

These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEMA MG-1.

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Rev.		Changes Summary	Performed	Checked	Date
Performed by					
Checked by				Page	Revision
Date	28/03/2024	1		1 / 1	