DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Three I hase induction wotor oquiner dage										
Customer	:									
Product line	: Clos Phase		d Pump Hig	gh Efficiency	Three- Product code :	11143252				
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor torque Breakdown torque Insulation class Service factor Moment of inertia (and to		: 4 : 60 H : 230/4 : 98.8/ : 573/2 : 5.8x(: 42.0/ : 1775 : 1.39 : 118 f : 210 ° : 220 ° : F	P (30 kW) z 460 V /49.4 A 287 A (Code G) /21.0 A 6 rpm % ft.lb		Locked rotor time Temperature rise Duty cycle Ambient temperature Altitude Protection degree Cooling method Mounting Rotation¹ Noise level² Starting method Approx. weight³	: 43s (cold) 24s (hot) : 80 K : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IP23 : IC01 - ODP : W-6 : Both (CW and CCW) : 64.0 dB(A) : Direct On Line : 461 lb				
Output	25%	50%	75%	100%	Foundation loads					
Efficiency (%)	92.2 90.6 90.6 90.8	92.4 90.2 90.2 91.0	2 93.0 91.0 0 91.0 91.0	93.0 90.2	Max. traction	: 980 lb				
			4 0.77 0.81 7 0.79 0.77		Max. compression	: 1441 lb				
Bearing type Sealing Lubrication interval Lubricant amount Lubricant type		Drive end : 6312 Z C3 : Without Bearing Seal : 20000 h : 21 g : Mot			Non drive end 6212 Z C3 Without Bearing S 20000 h 13 g bil Polyrex EM	eal				
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
Checked by					Page	Revision
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