## **DATA SHEET**

## Three Phase Induction Motor - Squirrel Cage



Customer		:					
Product line		: Multimounting High Efficiend Three-Phase			cy Product code : Catalog # :	13981165 .1812EP3EAL71-W22	
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor tord Breakdown torqu Insulation class Service factor Moment of inertic	ie	: 6 : 60 H : 230 : 1.54 : 5.4( : 3.5 : 1.4( : 110 : 8.33 : 0.16 : 280 : F : 1.15	/460 V 4/0.772 A D/2.70 A D/0.700 A 0 rpm 3 % 65 kgfm %	kW)	Locked rotor time Temperature rise Duty cycle Ambient temperature Altitude Protection degree Cooling method Mounting Rotation¹ Noise level² Starting method Approx. weight³	: 27s (cold) 15s (hot) : 80 K : S1 : -20°C to +40°C : 1000 m.a.s.l. : IP55 : IC411 - TEFC : B3L(E) : Both (CW and CCW) : 47.0 dB(A) : Direct On Line : 9.3 kg	
Output Efficiency (%)	25% 46.1	50% 49.0	75% 57.0	100% 61.0	Foundation loads Max. traction	: 14 kgf	
Power Factor	0.18	0.31	0.40	0.48	Max. compression	: 23 kgf	
Bearing type Sealing Lubrication inter- Lubricant amour Lubricant type	ealing : Oil Seal ubrication interval : - ubricant amount : -		Non drive end 6202 ZZ Oil Seal bbil Polyrex EM				
Notes							

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.

Rev.		Changes Summary	Performed	Checked	Date
Performed by					
Checked by				Page	Revision
Date	12/01/2022			1/1	