

# DATA SHEET



## Three Phase Induction Motor - Squirrel Cage

Customer :					
Product line : W22 Tru-Metric IE3 Three-Phase		Product code : 11830902			
Frame : 180M Output : F Frequency : 1.25 Rated voltage : N Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor torque Breakdown torque Insulation class Service factor Design	Locked rotor time : S1 Duty cycle : IP55 Protection degree : IC411 - TEFC Cooling method : B3L(E) Mounting : Both (CW and CCW) Rotation <sup>1</sup> : Direct On Line Starting method				
Output	50%	75%	100%	Foundation loads	
Efficiency (%)				Max. traction : 195 kgf	
Power Factor				Max. compression : 375 kgf	
		<u>Drive end</u>		<u>Non drive end</u>	
Bearing type	:	6311 C3		6211 C3	
Sealing	:	V'Ring		V'Ring	
Lubrication interval	:	14000 h		17000 h	
Lubricant amount	:	18 g		11 g	
Lubricant type	:	Mobil Polyrex EM			
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	14/01/2024			1 / 1	