

DATA SHEET



Three Phase Induction Motor - Squirrel Cage

Customer :						
Product line : W22 Tru-Metric IE3 Three-Phase			Product code : 11702778			
Frame : 280S/M Output : Hz Frequency : V Rated voltage : A Rated current : A L. R. Amperes : A LRC : rpm No load current : % Rated speed : kgfm Slip : % Rated torque : % Locked rotor torque : F Breakdown torque : 1.25 Insulation class : kgm ² Service factor : N Moment of inertia (J) Design	Locked rotor time : 80 K Temperature rise : S1 Duty cycle : -20°C to +40°C Ambient temperature : m.a.s.l. Altitude : IP55 Protection degree : IC411 - TEFC Cooling method : B3L(E) Mounting : Both (CW and CCW) Rotation ¹ : dB(A) Noise level ² : Direct On Line Starting method : kg Approx. weight ³					
Output	50%	75%	100%	Foundation loads		
Efficiency (%)				Max. traction : 684 kgf		
Power Factor				Max. compression : 1448 kgf		
		<u>Drive end</u>		<u>Non drive end</u>		
Bearing type	:	6316 C3		6316 C3		
Sealing	:	WSeal		WSeal		
Lubrication interval	:	10000 h		10000 h		
Lubricant amount	:	34 g		34 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	