

DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Customer :					
Product line : W22 IE2 Three-Phase		Product code : 11361010			
Frame : 132M Output : 9.2 kW Poles : 2 Frequency : 50 Hz Rated voltage : 400/690 V Rated current : 17.3/10.0 A L. R. Amperes : 131/76.2 A LRC : 7.6 No load current : 6.30/3.65 A Rated speed : 2915 rpm Slip : 2.83 % Rated torque : 3.07 kgfm Locked rotor torque : 250 % Breakdown torque : 320 % Insulation class : F Service factor : 1.00 Moment of inertia (J) : 0.0234 kgm ² Design : N		Locked rotor time : 12s (cold) 7s (hot) Temperature rise : 80 K Duty cycle : S1 Ambient temperature : -20°C to +40°C Altitude : 1000 m.a.s.l. Protection degree : IP55 Cooling method : IC411 - TEFC Mounting : B3T Rotation ¹ : Both (CW and CCW) Noise level ² : 67.0 dB(A) Starting method : Direct On Line Approx. weight ³ : 76.7 kg			
Output	50%	75%	100%	Foundation loads Max. traction : 135 kgf Max. compression : 212 kgf	
Efficiency (%)	88.5	89.0	89.0		
Power Factor	0.70	0.81	0.86		
		<u>Drive end</u> Bearing type : 6308 ZZ Sealing : V'Ring Lubrication interval : - Lubricant amount : - Lubricant type : Mobil Polyrex EM	<u>Non drive end</u> 6207 ZZ V'Ring - -		
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 IEC 60034-1.		
Rev.	Changes Summary		Performed	Checked	Date
Performed by					
Checked by					
Date	24/09/2020			Page 1 / 1	Revision