

DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Customer :					
Product line		: General High Efficiency Three-Phase		Product code : 11996330	
Frame	:	213/5TC	Locked rotor time	: 21s (cold) 12s (hot)	
Output	:	10 HP (7.5 kW)	Temperature rise	: 80 K	
Frequency	:	60 Hz	Duty cycle	: Cont.(S1)	
Rated voltage	:	575 V	Ambient temperature	: -20°C to +40°C	
Poles	:	2	Altitude	: 1000 m.a.s.l.	
Rated current	:	9.76 A	Protection degree	: IP21	
	:	6.6x(Code H)	Cooling method	: IC01 - ODP	
Rated speed	:	3515 rpm	Mounting	: F-1	
Rated torque	:	2.06 kgfm	Rotation ¹	: Both (CW and CCW)	
Insulation class	:	F	Noise level ²	: 68.0 dB(A)	
Service factor	:	1.15	Starting method	: Direct On Line	
Moment of inertia (J)	:	0.0187 kgm ²	Approx. weight ³	: 47.3 kg	
Design	:	B			
Output	50%	75%	100%	Foundation loads	
Efficiency (%)	87.5	88.5	88.5	Max. traction : 71 kgf	
Power Factor	0.71	0.81	0.87	Max. compression : 119 kgf	
		<u>Drive end</u>	<u>Non drive end</u>		
Bearing type	:	6208 ZZ	6206 ZZ		
Sealing	:	Without Bearing Seal	Without Bearing Seal		
Lubrication interval	:	-	-		
Lubricant amount	:	-	-		
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					
Date	21/03/2026			Page 1 / 2	Revision

LOAD PERFORMANCE CURVE

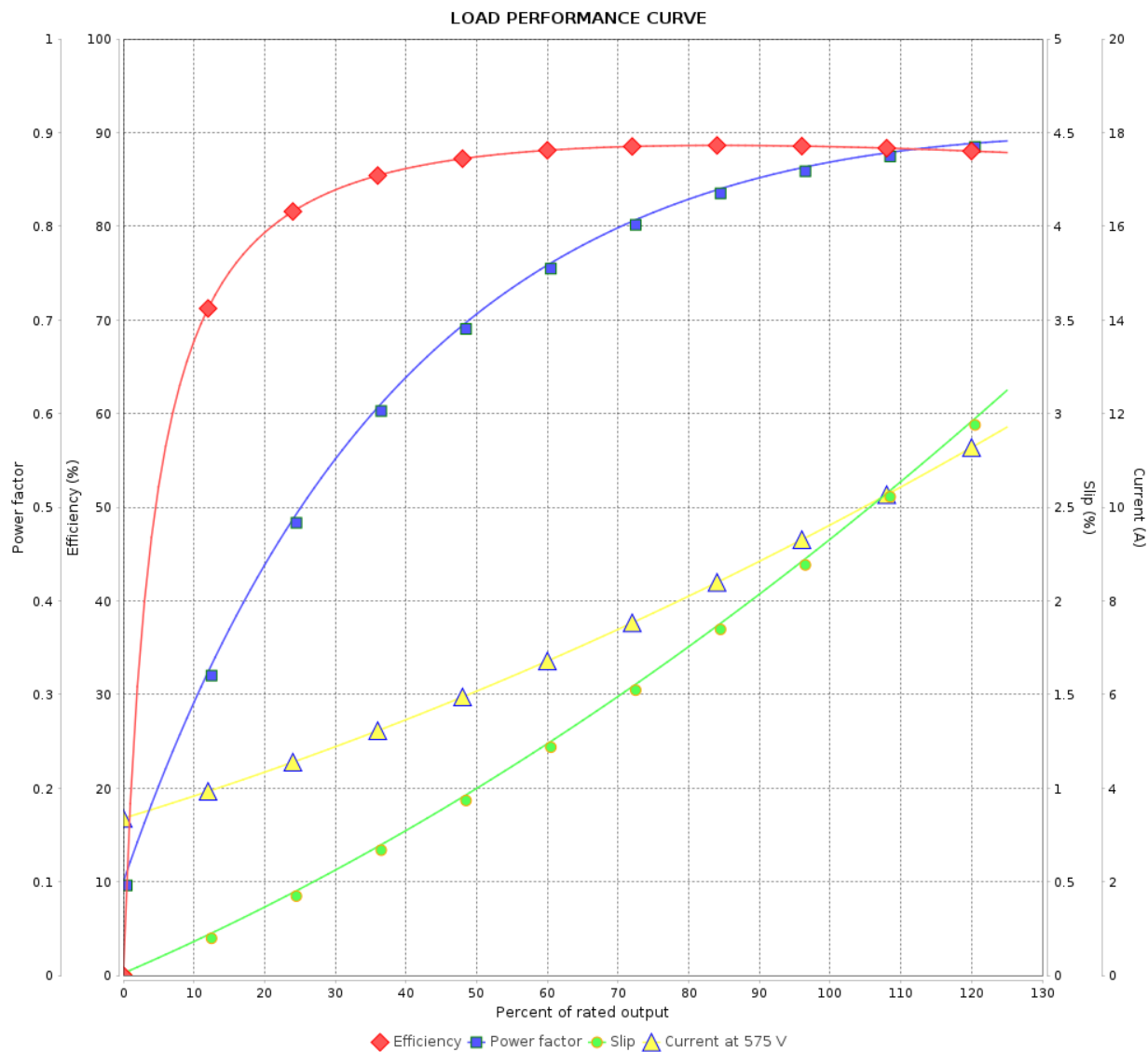
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