

# DATA SHEET



## Three Phase Induction Motor - Squirrel Cage

Customer :						
Product line		: General High Efficiency Three-Phase		Product code : 11994425		
Frame	: E143/5TC		Locked rotor time	: 27s (cold) 15s (hot)		
Output	: 1.5 HP (1.1 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	: 1.56 A		Protection degree	: IP21		
	: 8.8x(Code L)		Cooling method	: IC01 - ODP		
Rated speed	: 3430 rpm		Mounting	: F-1		
Rated torque	: 0.317 kgfm		Rotation <sup>1</sup>	: Both (CW and CCW)		
Insulation class	: F		Noise level <sup>2</sup>	: 58.0 dB(A)		
Service factor	: 1.15		Starting method	: Direct On Line		
Moment of inertia (J)	: 0.0018 kgm <sup>2</sup>		Approx. weight <sup>3</sup>	: 0.0 kg		
Design	: B					
Output	50%	75%	100%	Foundation loads		
Efficiency (%)	81.5	84.0	84.0	Max. traction : 30 kgf		
Power Factor	0.69	0.80	0.86	Max. compression : 30 kgf		
Bearing type	: <u>Drive end</u> 6205 ZZ		: <u>Non drive end</u> 6204 ZZ			
Sealing	: Without Bearing Seal		: Without Bearing Seal			
Lubrication interval	: -		: -			
Lubricant amount	: -		: -			
Lubricant type	: Mobil Polyrex EM					
Notes						
<p>This revision replaces and cancel the previous one, which must be eliminated.</p> <p>(1) Looking the motor from the shaft end.</p> <p>(2) Measured at 1m and with tolerance of +3dB(A).</p> <p>(3) Approximate weight subject to changes after manufacturing process.</p> <p>(4) At 100% of full load.</p>			<p>These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEMA MG-1.</p>			
Rev.	Changes Summary			Performed	Checked	Date
Performed by						
Checked by					Page	Revision
Date	22/03/2026				1 / 2	

# LOAD PERFORMANCE CURVE

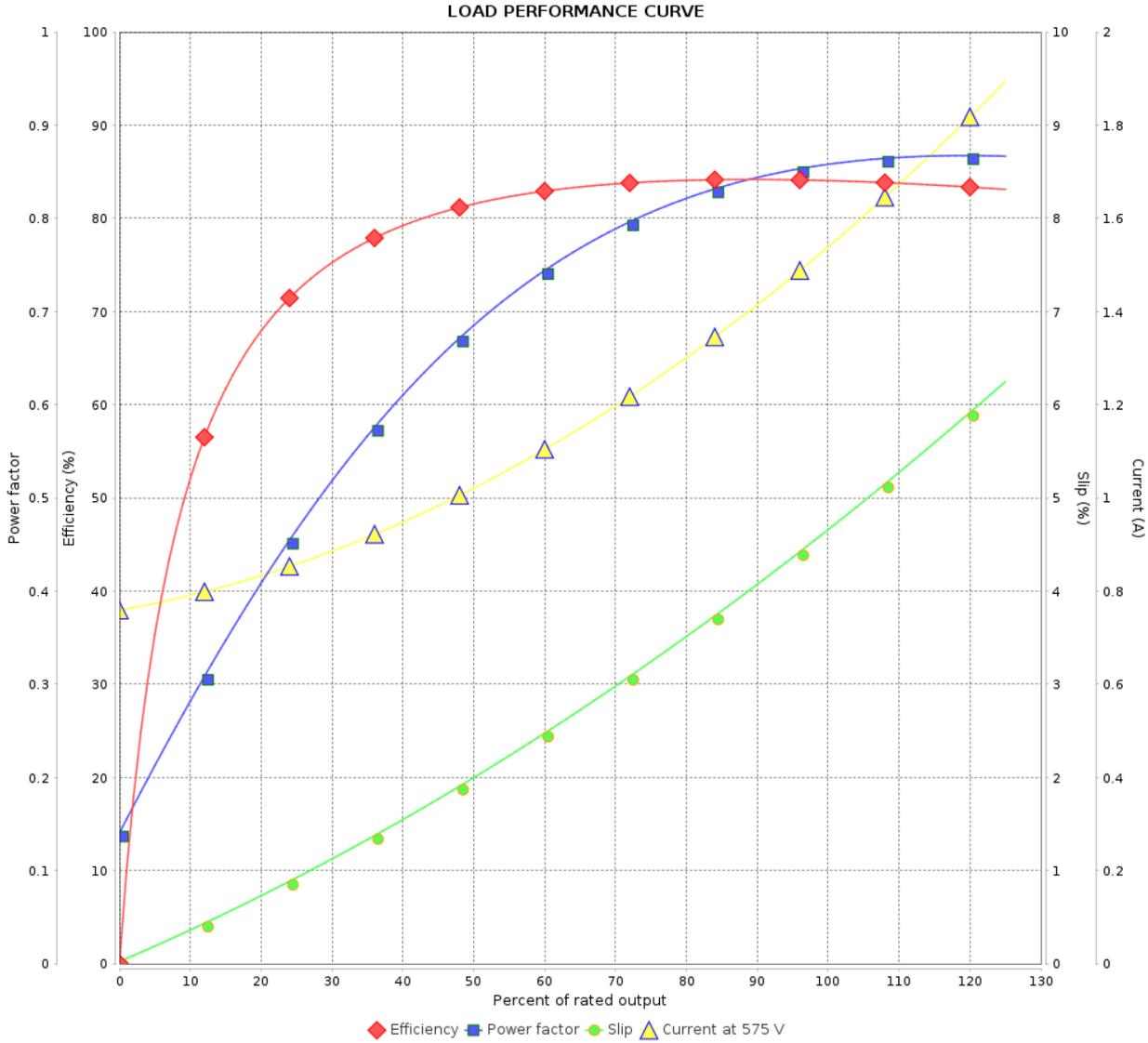
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