

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 ¹	: Both (CW and CCW)	
Insulation class	: F		Noise level ²	: 58.0 dB(A)	
Service factor	: 1.15		Starting method	: Direct On Line	
Moment of inertia (J)	: 0.0018 kgm ²		Approx. weight ³	: 15.0 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					
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.		
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LOAD PERFORMANCE CURVE

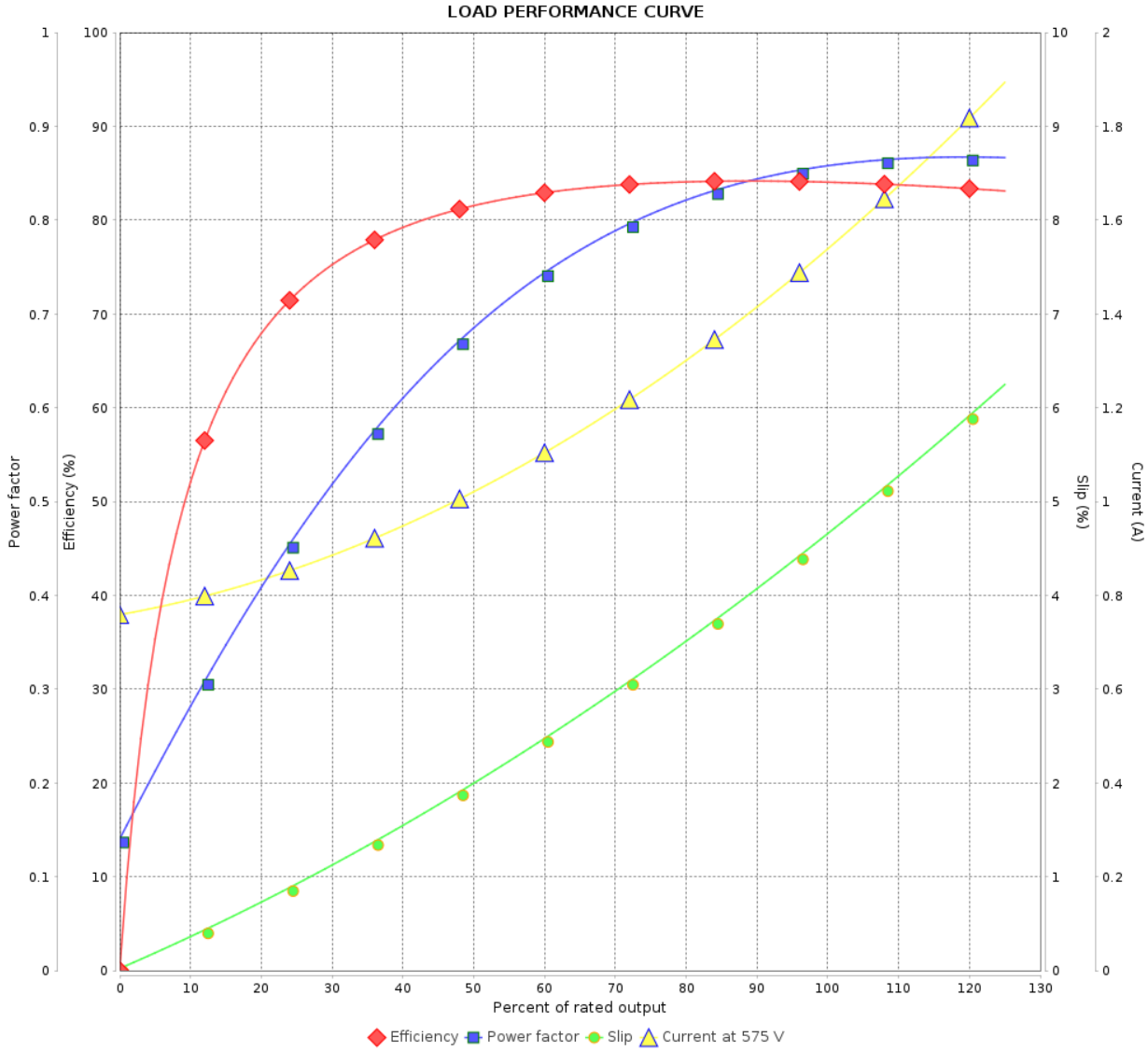
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