

DATA SHEET



Three Phase Induction Motor - Squirrel Cage

Customer :						
Product line		: Rolled Steel Premium Efficiency Three-Phase		Product code : 19074837		
Frame	:	56CZ	Locked rotor time	: 28s (cold) 16s (hot)		
Output	:	2 HP (1.5 kW)	Temperature rise	: 105 K		
Frequency	:	60 Hz	Duty cycle	: Cont.(S1)		
Rated voltage	:	230/460 V	Ambient temperature	: -20°C to +40°C		
Poles	:	4	Altitude	: 1000 m.a.s.l.		
Rated current	:	6.05/3.02 A	Protection degree	: IP55		
	:	8.2x(Code L)	Cooling method	: IC410 - TENV		
Rated speed	:	1750 rpm	Mounting	: F-1		
Rated torque	:	0.829 kgfm	Rotation ¹	: Both (CW and CCW)		
Insulation class	:	H	Starting method	: Direct On Line		
Service factor	:	1.15	Approx. weight ²	: 22.9 kg		
Design	:	B				
Output	25%	50%	75%	100%		
Efficiency (%)	0.000	85.5	86.5	86.5		
Power Factor	0.00	0.48	0.62	0.72		
		Foundation loads				
		Max. traction : 82 kgf				
		Max. compression : 105 kgf				
		<u>Drive end</u>		<u>Non drive end</u>		
Bearing type	:	6204 ZZ	6203 ZZ			
Sealing	:	V'Ring	Without Bearing Seal			
Lubrication interval	:	0 h	0 h			
Lubricant amount	:	0 g	0 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	15/04/2026				1 / 3	

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Thermal protection

ID	Application	Type	Quantity	Sensing Temperature
1	Winding	Thermostat - 2 wires	1 x Phase	155 °C

Rev.	Changes Summary	Performed	Checked	Date
Performed by				
Checked by			Page	Revision
Date	15/04/2026		2 / 3	

LOAD PERFORMANCE CURVE

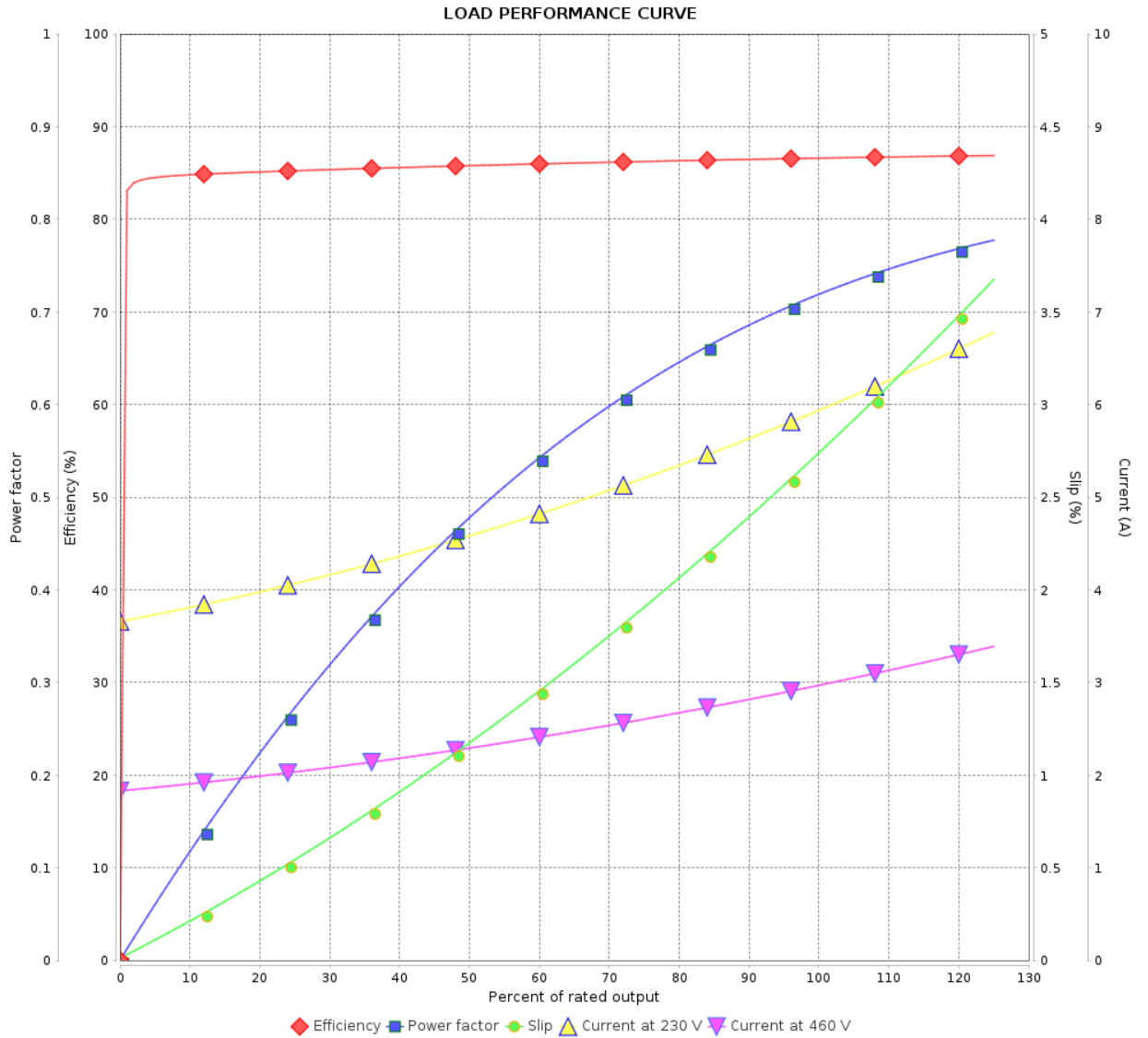
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Three-Phase

Product code : 19074837



Rev.	Changes Summary	Performed	Checked	Date
Performed by			Page 3 / 3	Revision
Checked by				
Date				