

# DATA SHEET



## Three Phase Induction Motor - Squirrel Cage

Customer :						
Product line		: General High Efficiency Three-Phase		Product code : 11996114		
Frame	: 213/5TC		Locked rotor time	: 14s (cold) 8s (hot)		
Output	: 7.5 HP (5.5 kW)		Temperature rise	: 105 K		
Frequency	: 60 Hz		Duty cycle	: Cont.(S1)		
Rated voltage	: 575 V		Ambient temperature	: -20°C to +40°C		
Poles	: 4		Altitude	: 1000 m.a.s.l.		
Rated current	: 7.52 A		Protection degree	: IP21		
	: 6.7x(Code H)		Cooling method	: IC01 - ODP		
Rated speed	: 1755 rpm		Mounting	: W-6		
Rated torque	: 3.10 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)	: 0.0388 kgm <sup>2</sup>		Approx. weight <sup>3</sup>	: 0.0 kg		
Design	: B					
Output	50%	75%	100%	Foundation loads		
Efficiency (%)	87.5	88.5	88.5	Max. traction : 143 kgf		
Power Factor	0.68	0.78	0.83	Max. compression : 143 kgf		
Bearing type	: <u>Drive end</u> 6208 ZZ		: <u>Non drive end</u> 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					Page	Revision
Date	14/04/2026				1 / 2	

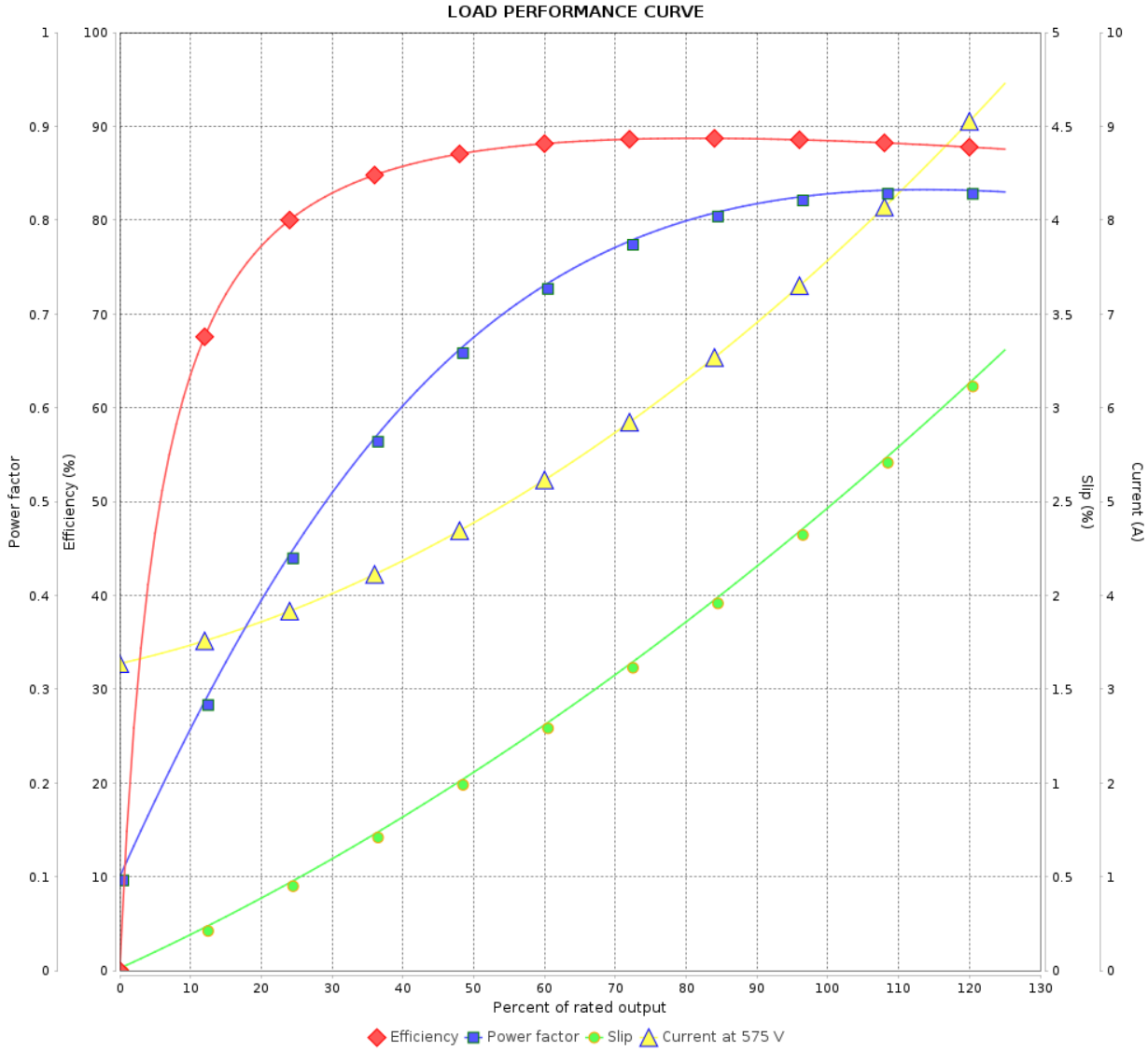
# LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

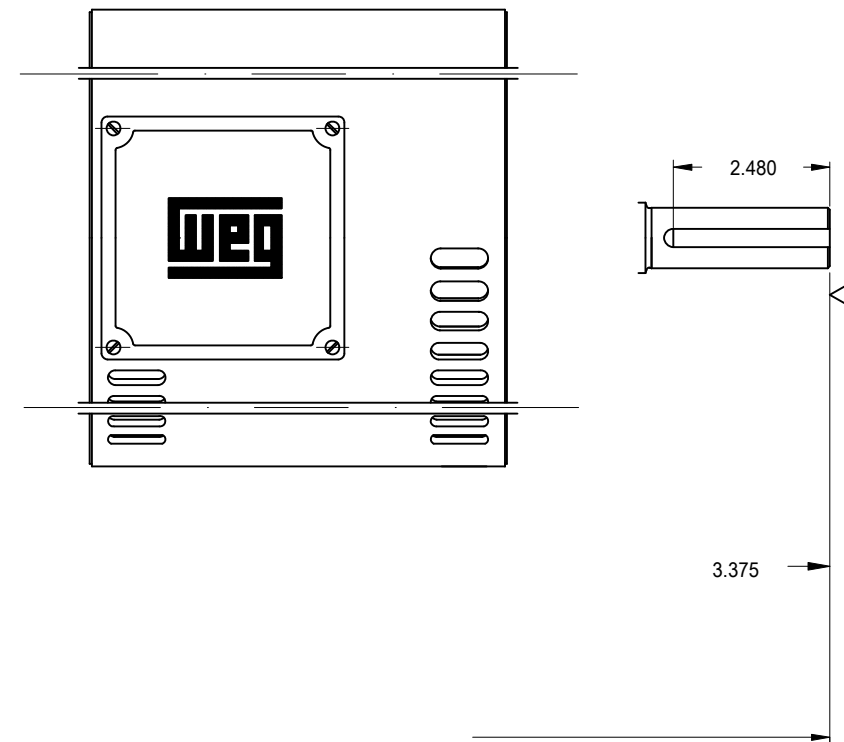
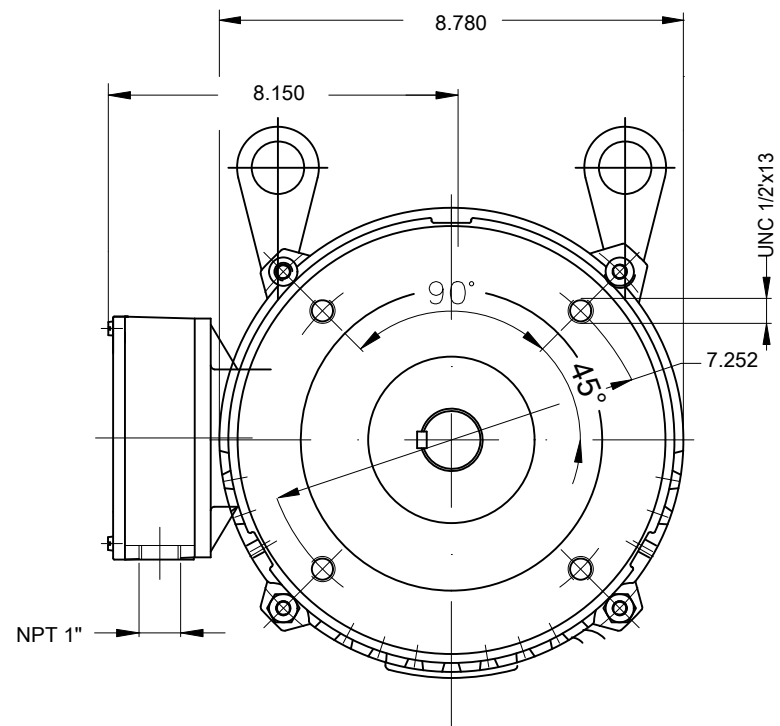


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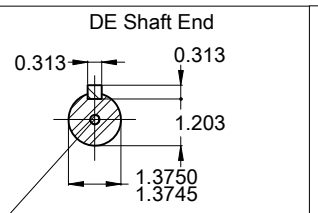


Rev.	Changes Summary	Performed	Checked	Date
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7.5 HP 04 Poles 60 Hz A

- E Packing - crate
- Plastic flat plug
- With drip cover
- Color RAL 5009
- Painting plan 207A
- Mounting V18



ECM		LOC	SUMMARY OF MODIFICATIONS			HYBRISUSER					00
EXECUTED	HYBRISUSER			THREE PH. MOTOR GENERAL HIGH EFF.			<b>PREVIEW</b> WDD   00				
CHECKED		FRAME 213/5TC IP21 ODP									
RELEASED											
REL. DATE		WMO		Jaragua do Sul	Product Engineering	SHEET	1 / 1				