

DATA SHEET

Single Phase Induction Motor - Squirrel Cage



Customer :

Product line : Rolled Steel Single-Phase Product code : 17008198

Frame	: 56Z	Locked rotor time	: 28s (cold) 16s (hot)
Output	: 0.33 HP (0.25 kW)	Temperature rise	: 80 K
Frequency	: 60 Hz	Duty cycle	: Cont.(S1)
Rated voltage	: 115/208-230 V	Ambient temperature	: -20°C to +40°C
Poles	: 4	Altitude	: 1000 m.a.s.l.
Rated current	: 6.00/2.90-3.00 A	Protection degree	: IP55
	: 6.0x(Code P)	Cooling method	: IC411 - TEFC
Rated speed	: 1725 rpm	Mounting	: F-1
Rated torque	: 0.139 kgfm	Rotation ¹	: Both (CW and CCW)
Insulation class	: F	Noise level ²	: 54.0 dB(A)
Service factor	: 1.15	Starting method	: Direct On Line
Moment of inertia (J)	: 0.0024 kgm ²	Approx. weight ³	: 9.8 kg

Output	25%	50%	75%	100%	Foundation loads
Efficiency (%)	0.000	45.0	53.0	59.5	Max. traction : 9 kgf
Power Factor	0.00	0.45	0.53	0.60	Max. compression : 18 kgf

		Drive end	Non drive end
Bearing type	:	6204 ZZ	6202 ZZ
Sealing	:	V'Ring	V'Ring
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		Page Revision 1 / 2		
Checked by				
Date	02/04/2026			

LOAD PERFORMANCE CURVE

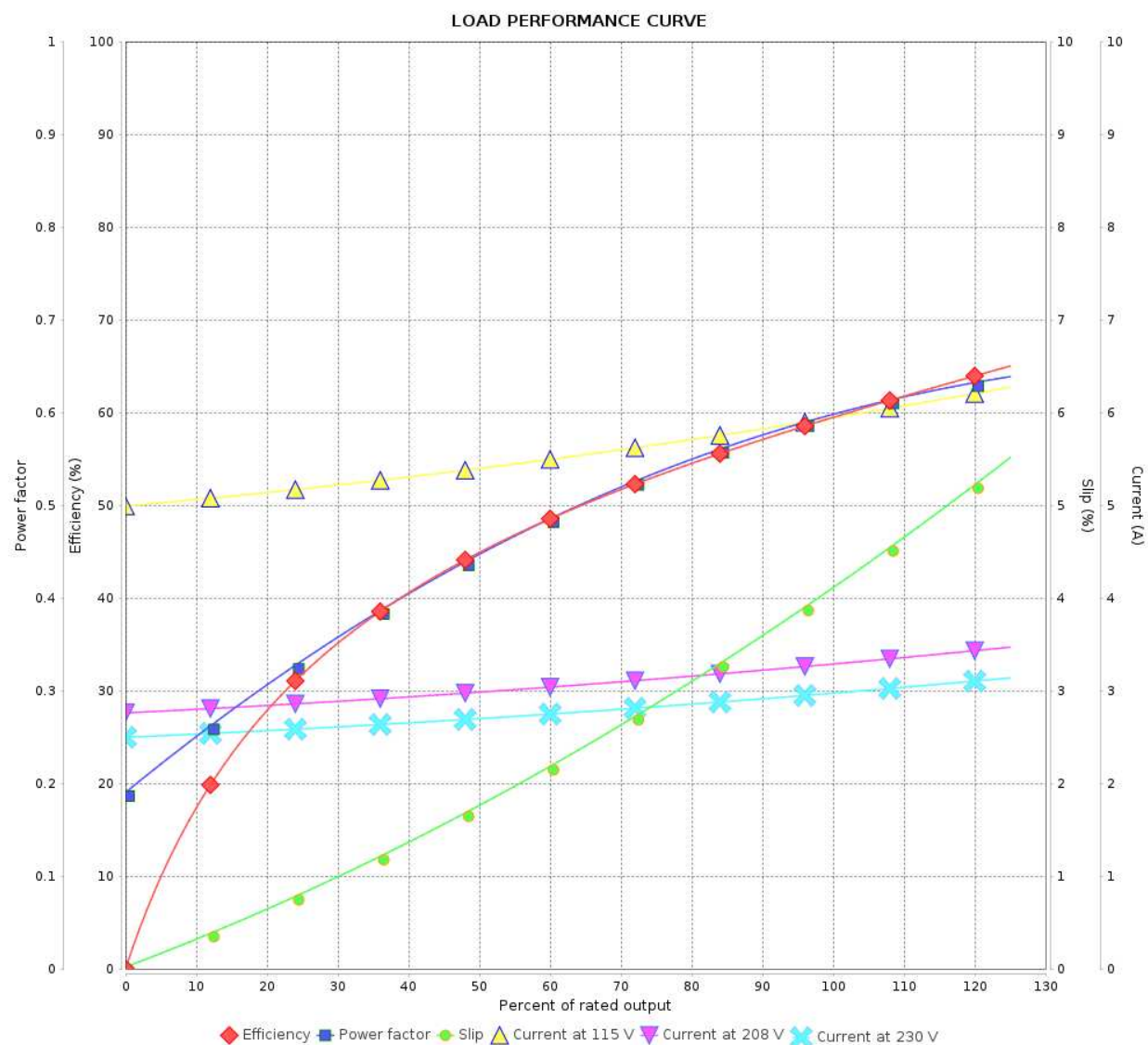
Single Phase Induction Motor - Squirrel Cage



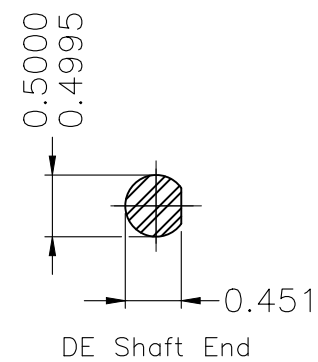
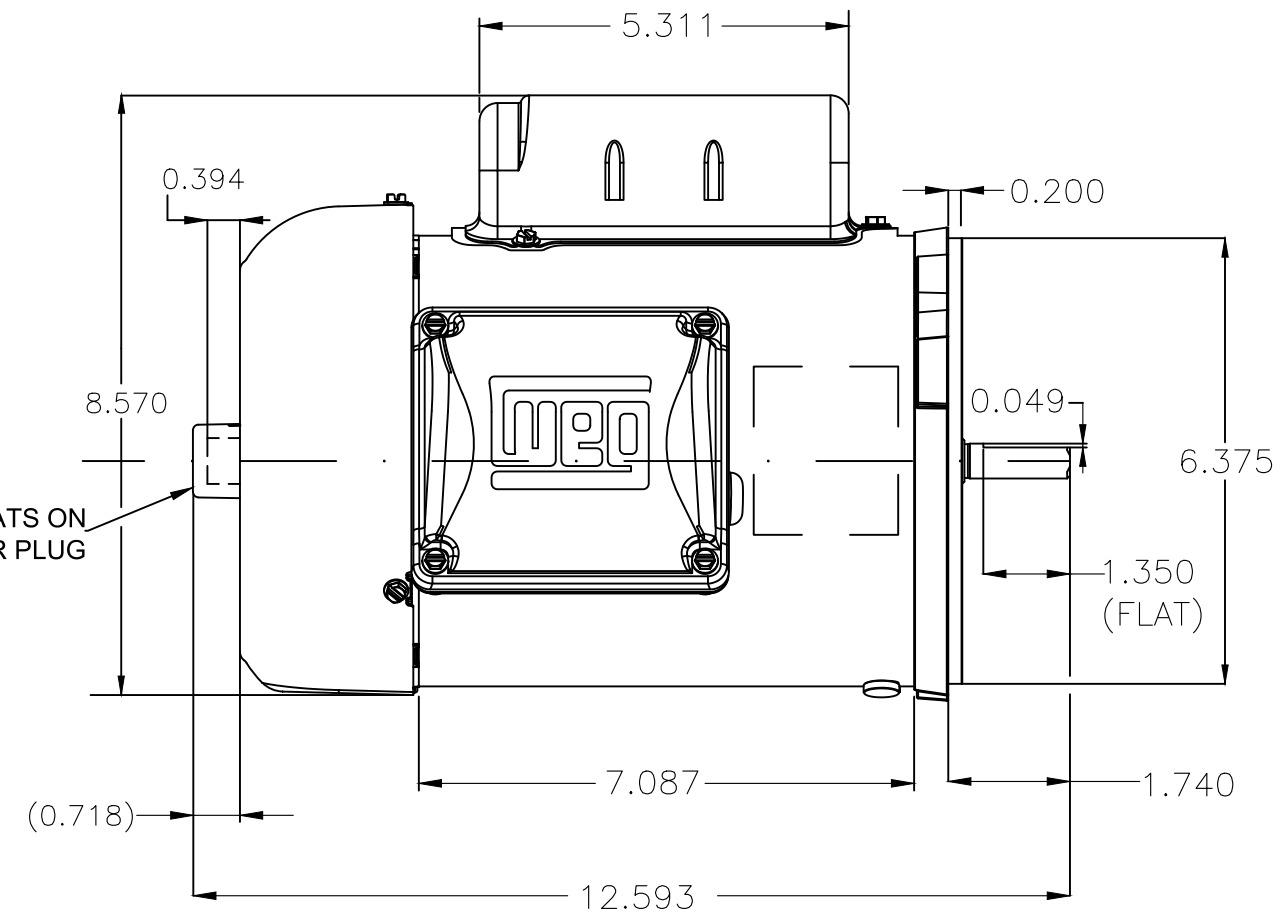
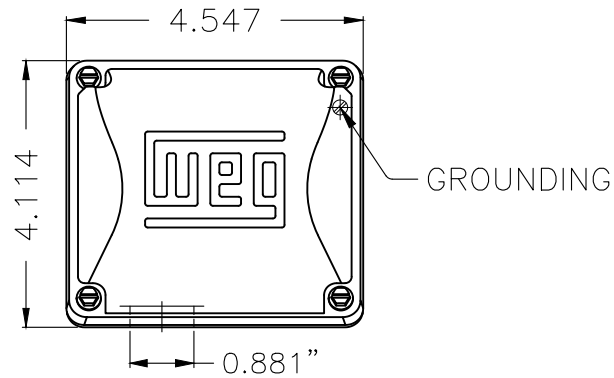
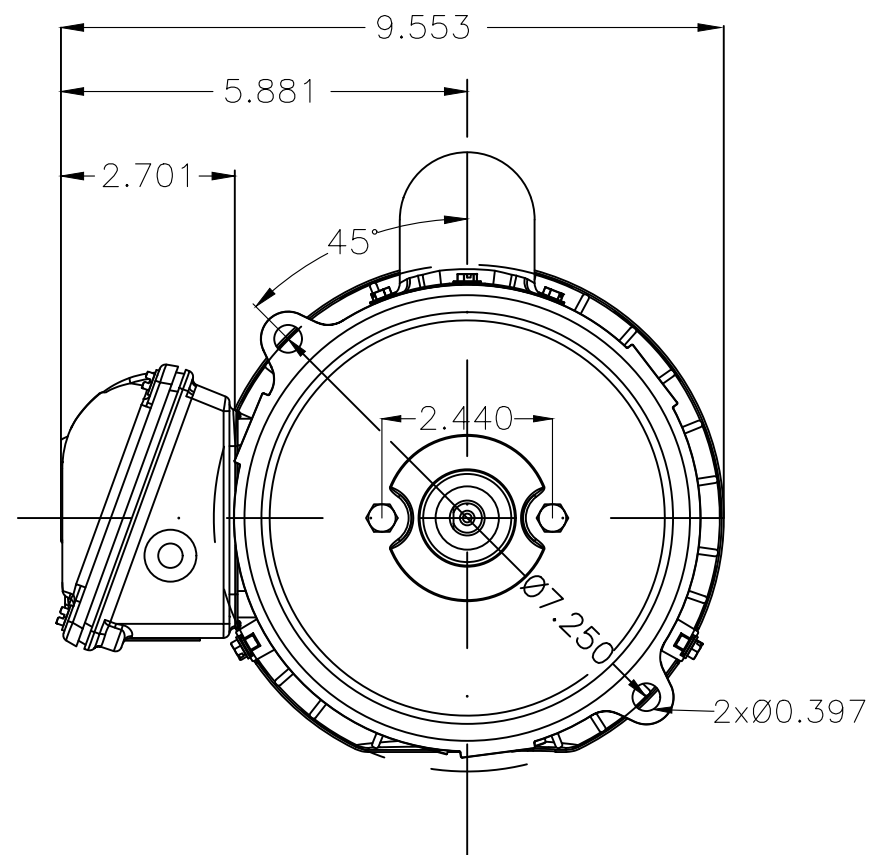
Customer :

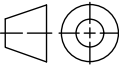
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Vedación - Anillos V Ring							
Protector térmico fenólico – Manual							
Dren de goma							
Vedación Trasera - Anillos V Ring							
Rodamiento trasero ZZ							
Material del eje - SAE/ABNT 1040/45							
Rodamiento delantero con blindaje ZZ							
Color Munsell N 1 negro mate							
Plan de pintura 207N							
Forma constructiva F-1/B14R(D)							
WEG ELECTRIC CORPORATION - WEC							
500002824835		According to claim: 422543225	GARTURO	OSCARFLORES	AROJAS	22.01.2025	01
500002267216		New document	PIRWBUSER	EFRENTZ	EFRENTZ	05.12.2022	00
No MODIFICACION	LOC	RESUMEN DE MODIFICACIONES	EJECUTADO	VERIFICADO	LIBERADO	FECHA	VER
EJEC.	GARTURO		MOTOR MONO. ROLLED STEEL CARCASA 56Z IP55 TEFC		10010335539 000 01		
VERIF.	GARTURO						
LIBER.	EFRENTZ						
FECHA LB.	05.12.2022	WEG	HUEHUETOCA	[Ventas Exportacion]	HOJA	1 / 1	