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 kgm²	Approx. weight[3]	: 9.8 kg

Output	25%	50%	75%	100%
Efficiency (%)	0.000	45.0	53.0	59.5
Power Factor	0.00	0.45	0.53	0.60

Foundation loads

Max. traction	: 9 kgf
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				
Checked by			Page	Revision
Date	02/04/2026		1 / 2	

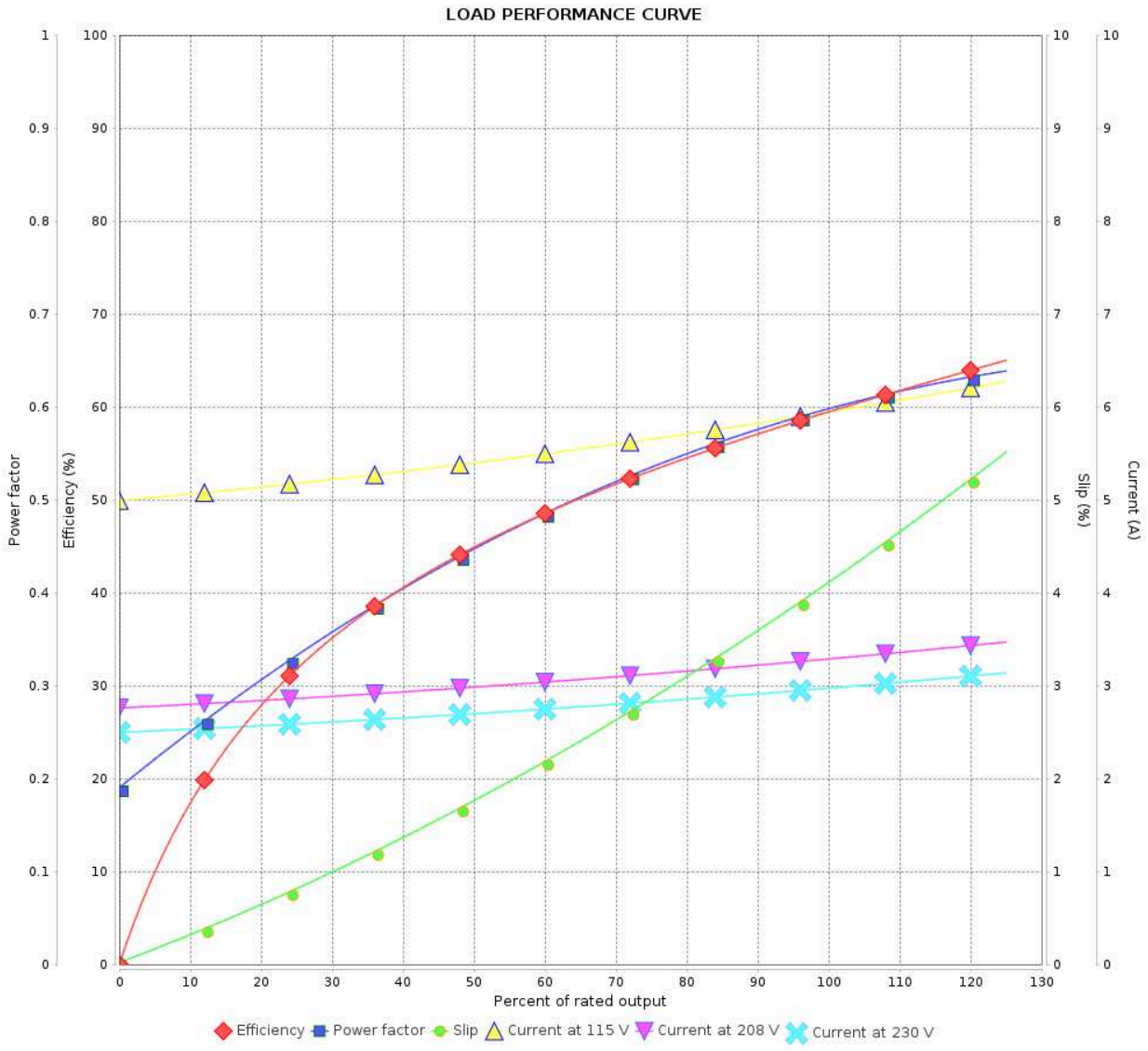
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LOAD PERFORMANCE CURVE

Single Phase Induction Motor - Squirrel Cage

Customer :

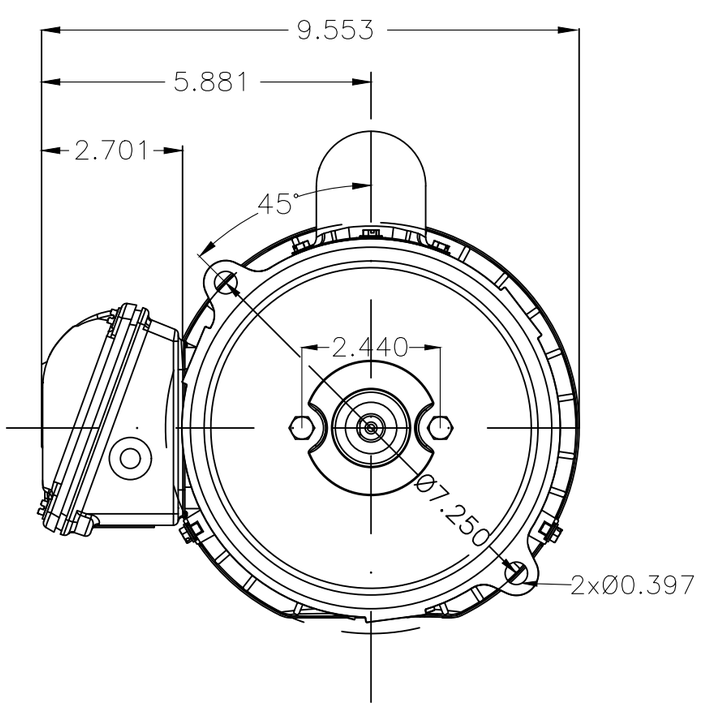
Product line : Rolled Steel Single-Phase Product code : 17008198

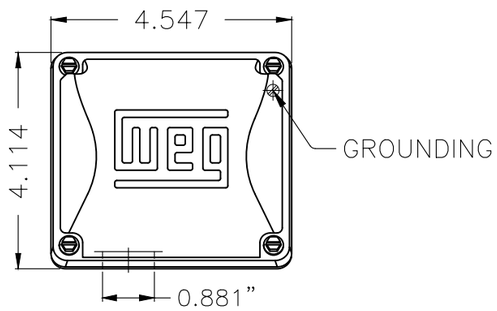


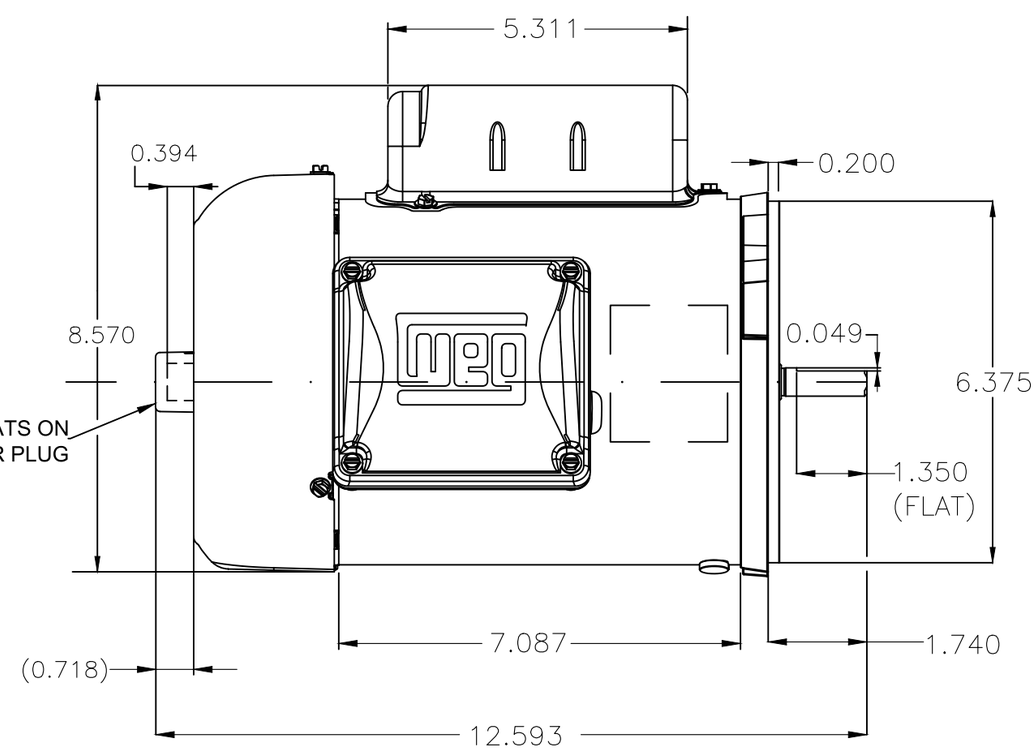
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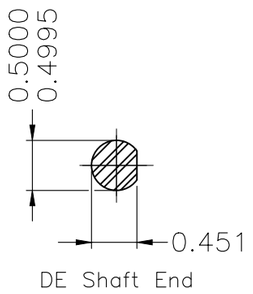
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Vedación - Anillos V Ring
Protector térmico fenólico – Manual
Dren de goma
Vedación Trasera - Anillos V Ring
Rodamiento trasero ZZ
Material del eje - SAE/ABNT 1040/45
Rodamiento delantero con blindaje ZZ
Color Munsell N 1 negro mate
Plan de pintura 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	EFRENZ	EFRENZ	05.12.2022	00
No MODIFICACION	LOC	RESUMEN DE MODIFICACIONES	EJECUTADO	VERIFICADO	LIBERADO	FECHA	VER

EJEC.	GARTURO	MOTOR MONO. ROLLED STEEL	10010335539	
VERIF.	GARTURO	CARCASA 56Z IP55 TEFC	000	01
LIBER.	EFRENZ			
FECHA LB.	05.12.2022	WEG HUEHUETOCA [Ventas Exportacion]	HOJA	1 / 1

0.33 HP 04 Polos 60 Hz 422193356 A

COPIA SIN CONTROL
Dimensiones em pulgadas
LIBERADO
ZME A3

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