DATA SHEET

Single Phase Induction Motor - Squirrel Cage

Customer :

Product line	: Rolled Steel Single-Phase	Product code :	17009745

Frame	: 56	Locked rotor time	: 30s (cold) 17s (hot)
Output	: 1.5 HP (1.1 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	: 13.0/7.10-6.50 A	Protection degree	: IP55
	: 6.9x(Code H)	Cooling method	: IC411 - TEFC
Rated speed	: 1725 rpm	Mounting	: F-1
Rated torque	: 0.631 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)	: 0.0060 kgm²	Approx. weight[3]	: 19.5 kg

Output	25%	50%	75%	100%
Efficiency (%)	0.000	69.0	75.0	77.0
Power Factor	0.00	0.90	0.93	0.94

Foundation loads

Max. traction	: 41 kgf
Max. compression	: 60 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	11/05/2026		1 / 2	

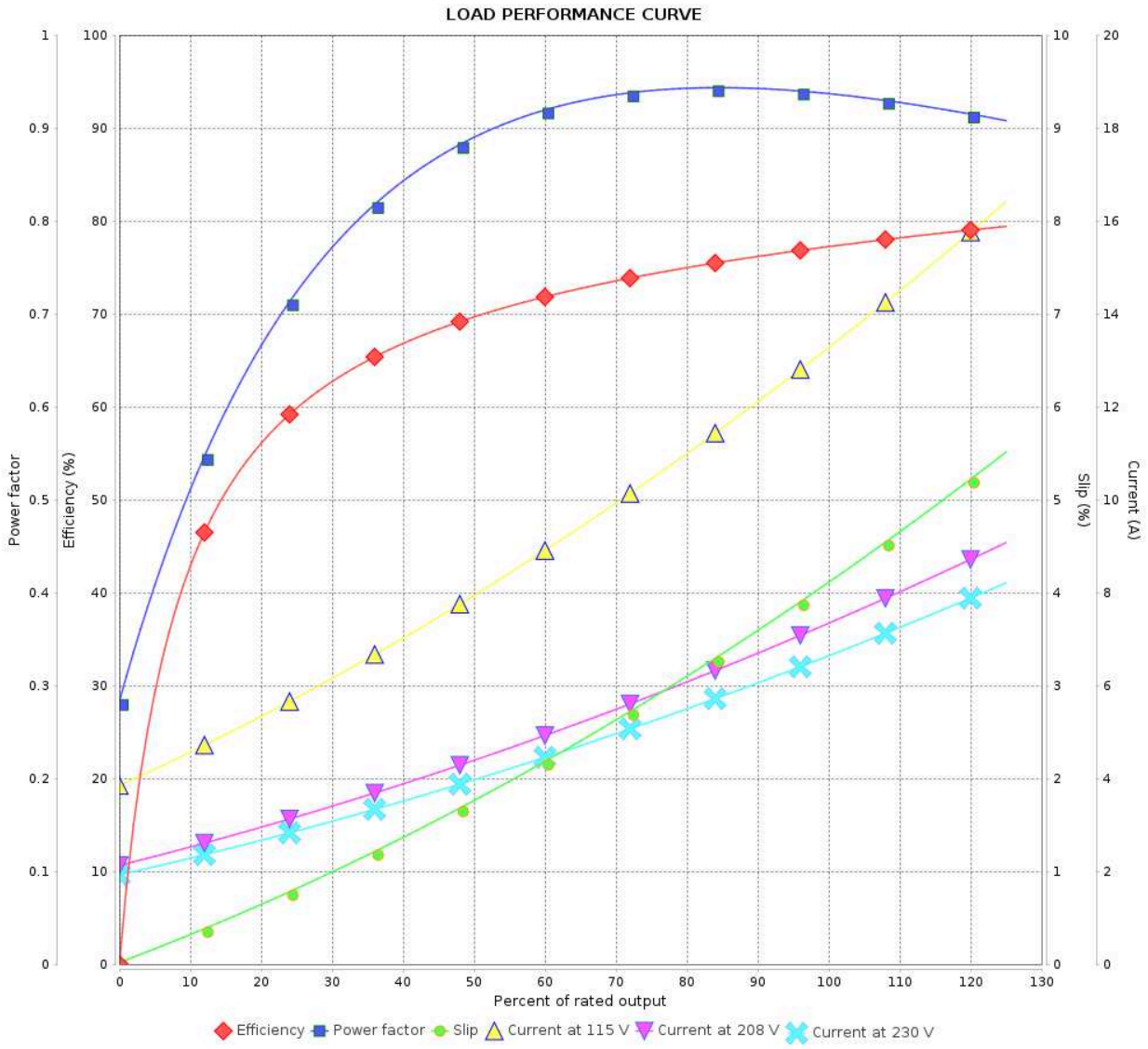
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LOAD PERFORMANCE CURVE

Single Phase Induction Motor - Squirrel Cage

Customer :

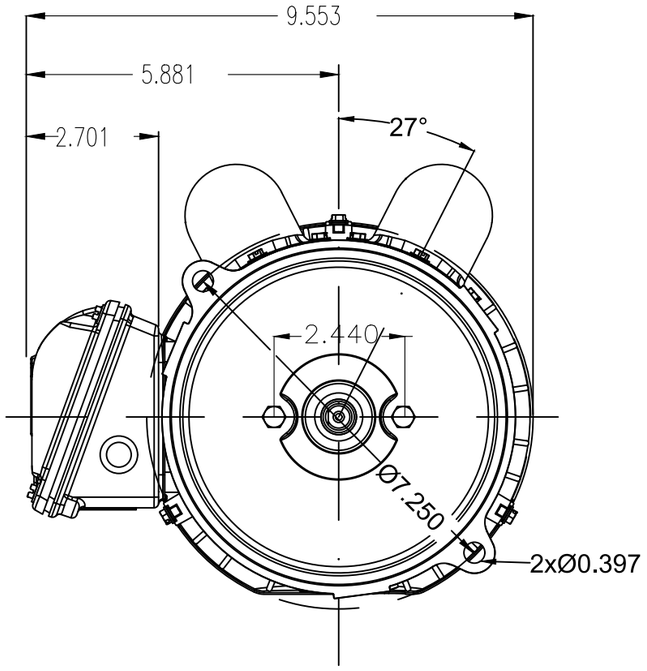
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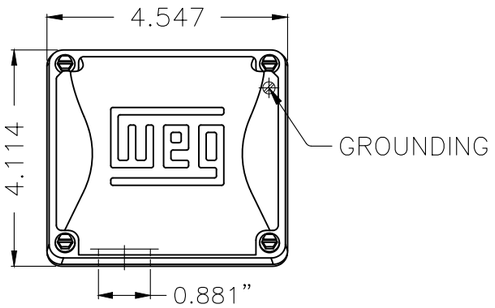


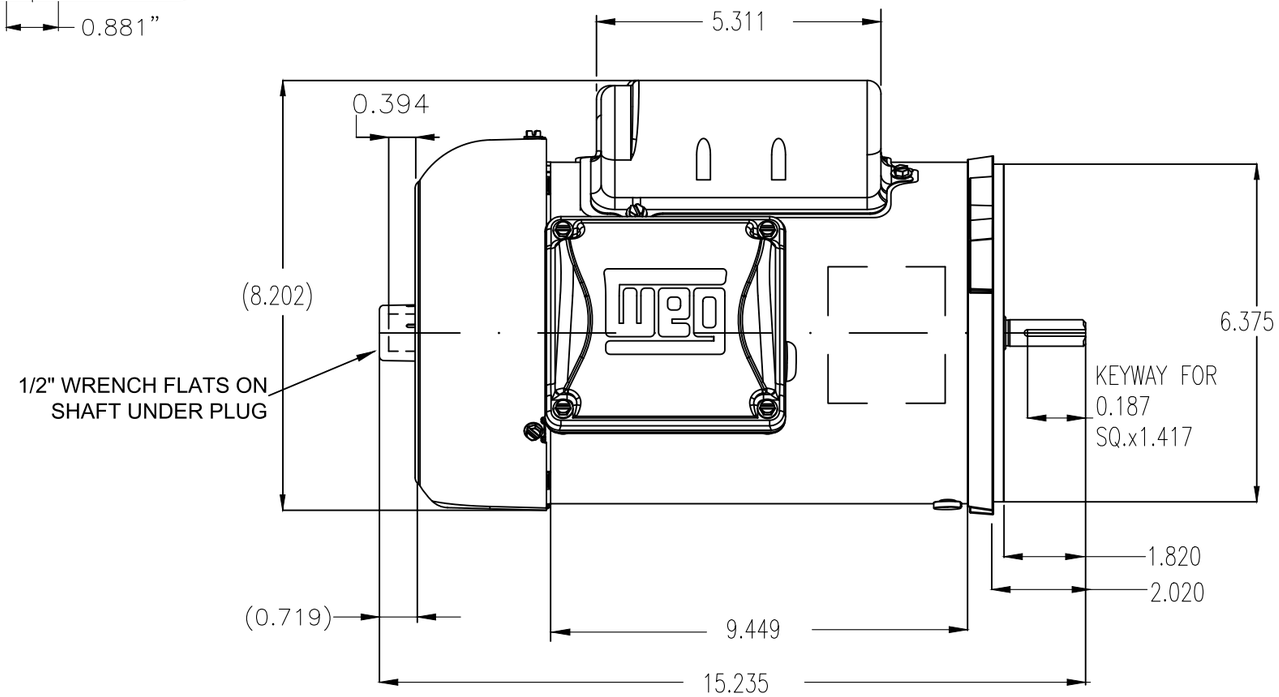
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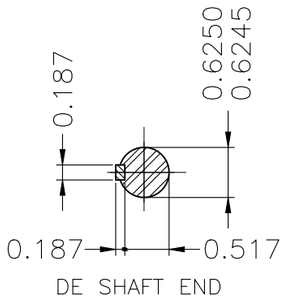
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Checked by			Page	Revision
Date	11/05/2026		2 / 2	

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Vedación - Anillos V Ring
Protector térmico fenólico – Manual
Vedación Trasera - Anillos V Ring
Aislamiento Clase F - Elevación de Temperatura 80K
Rodamiento trasero ZZ
Material del eje - SAE/ABNT 1040/45
Ambos sentidos de rotacion
Rodamiento delantero con blindaje ZZ
Régimen de servicio S1
Color Munsell N 1 negro mate
Plan de pintura 207N
Factor de servicio 1.15
Forma constructiva F-1/B14R(D)

WEG ELECTRIC CORPORATION - WEC

500002813437		ACCORDING TO CLAIM 422506133	OSCARFLORES	GARTURO	AROJAS	02.01.2025	02
500002456464		ACCORDING TO CLAIM 421885764	ISAAVEDRA	RAMIREZC	MORALESR	04.09.2023	01
No MODIFICACION	LOC	RESUMEN DE MODIFICACIONES	EJECUTADO	VERIFICADO	LIBERADO	FECHA	VER

EJEC.	ALVAREZZ	MOTOR MONO. ROLLED STEEL	10010342172
VERIF.	GARTURO	CARCASA 56 IP55 TEFC	000 | 02
LIBER.	EFRENZ		
FECHA LB.	07.12.2022	WEG HUEHUETOCA [Ventas Exportacion]	HOJA 1 / 1

1.5 HP 04 Polos 60 Hz | 421676767 | A

COPIA SIN CONTROL | LIBERADO | Dimensiones em pulgadas | A3 | ZME

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