

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 kgm ²	Approx. weight ³	: 19.5 kg

Output	25%	50%	75%	100%	Foundation loads	
Efficiency (%)	0.000	69.0	75.0	77.0	Max. traction	: 41 kgf
Power Factor	0.00	0.90	0.93	0.94	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		Page Revision 1 / 2		
Checked by				
Date	11/05/2026			

LOAD PERFORMANCE CURVE

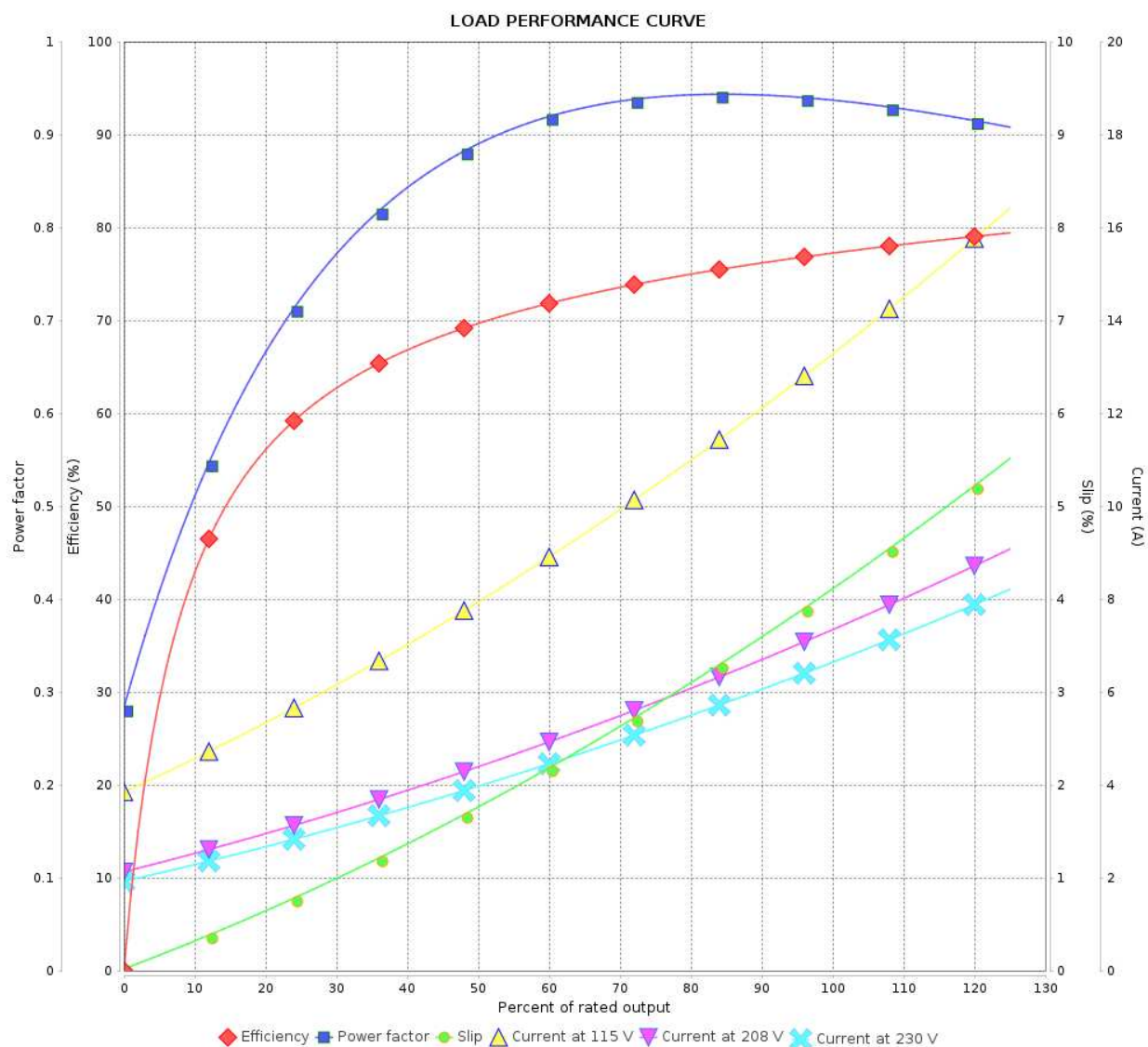
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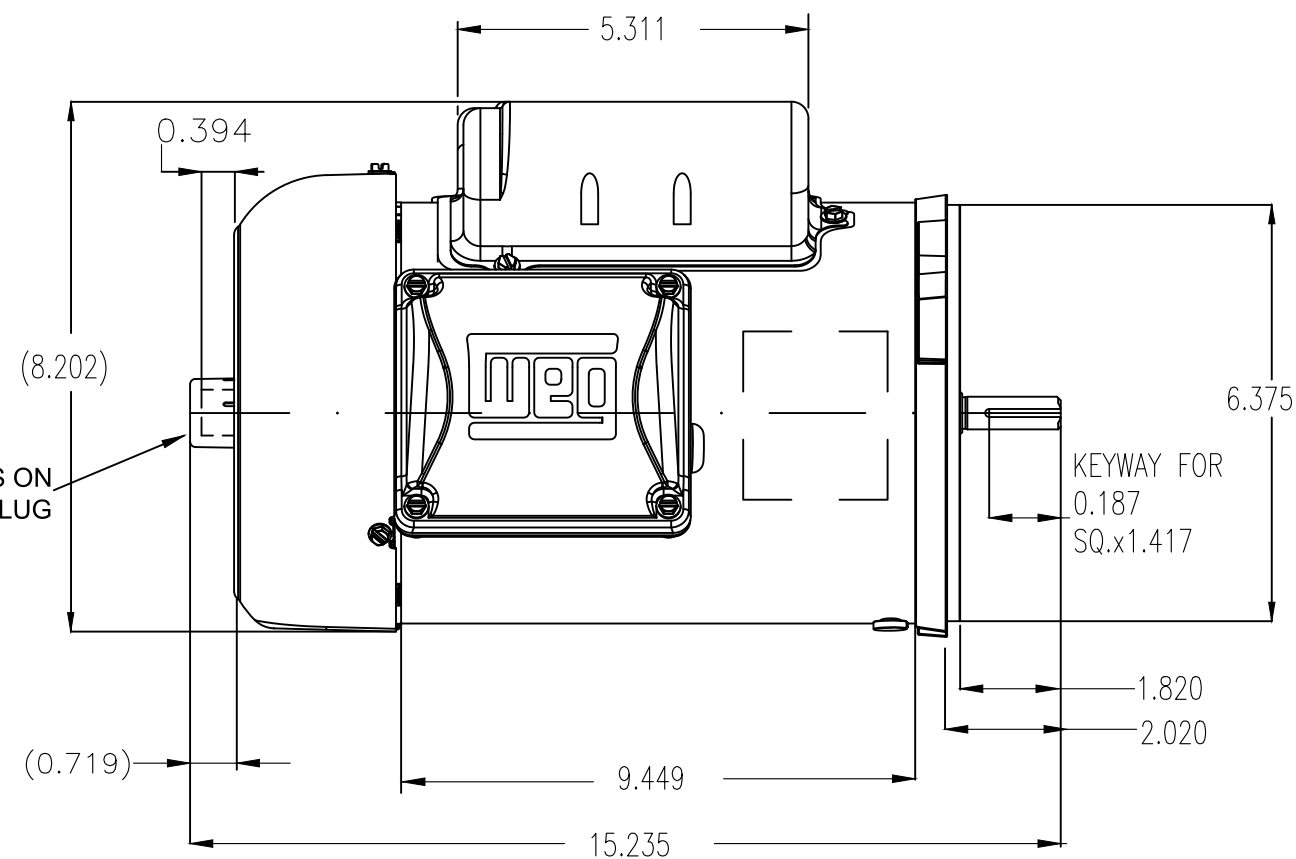
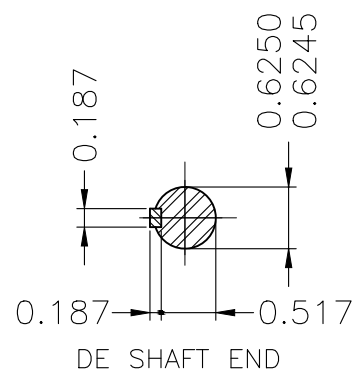
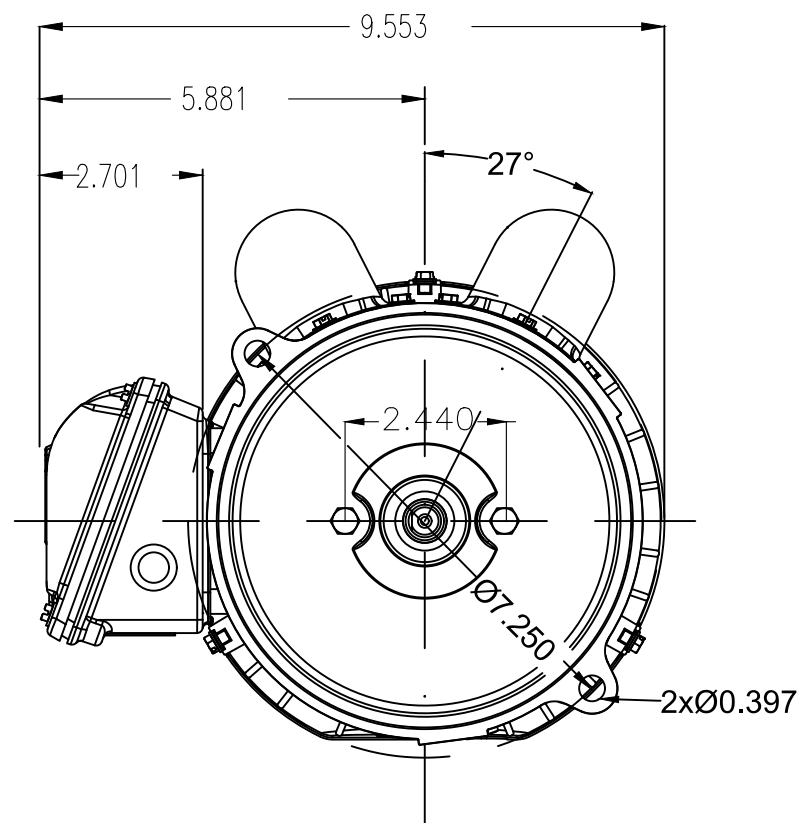
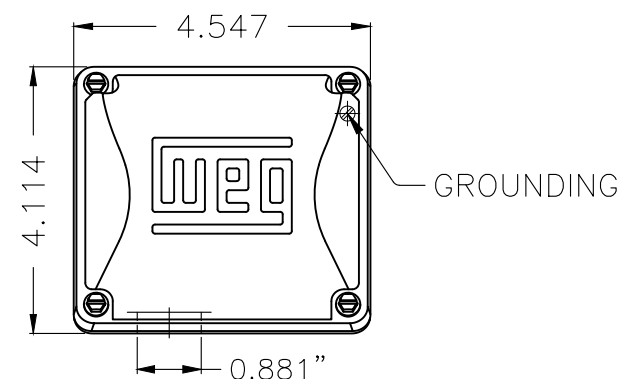
Customer : _____

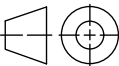
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Vedación - Anillos V Ring									
Protector térmico fenólico – Manual									
Vedación Trasera - Anillos V Ring									
Aislamiento Clase F - Elevación de Temperatura 80K									
Rodamiento trasero ZZ									
Material del eje - SAE/ABNT 1040/45									
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 CARCASA 56 IP55 TEFC		10010342172 000 02				
VERIF.	GARTURO								
LIBER.	EFRENZ								
FECHA LB.	07.12.2022	WEG	HUEHUETOCA	[Ventas Exportacion]	HOJA	1 / 1			