

DATA SHEET

Single Phase Induction Motor - Squirrel Cage



Customer : V.J. PAMENSKY CANADA INC.

Product line : Special Motor

Product code : 19337726

Frame	: 56Z	Locked rotor time	: 16 s (hot) 28 s (cold)
Output	: 0.33 HP (0.25 kW)	Temperature rise	: 80 K
Poles	: 4	Duty cycle	: S1
Frequency	: 60 Hz	Ambient temperature	: -20 °C to +40 °C
Rated voltage	: 115/208-230 V	Altitude	: 3280 ft
Rated current	: 6.09/2.90-3.04 A	Protection degree	: IP55
L. R. Amperes	: 36.5/17.0-18.2 A	Cooling method	: IC411 - TEFC
LRC	: 6.0 Code P	Mounting	: F-1/B34R(D)
No load current	: 5.00/2.20-2.50 A	Rotation ¹	: Both
Rated speed	: 1725 rpm	Noise level ²	: 54.0 dB(A)
Slip	: 4.17 %	Vibration class	: A
Rated torque	: 1.01 ft.lb	Starting method	: Direct On Line
Locked rotor torque	: 430.0 %	Approx. weight ³	: 21.6 lb
Pull up torque	: 365.0 %	Painting plan	: 207N
Breakdown torque	: 310.0 %	Color	: MUNSELL N 1 - MATTE
Insulation class	: F		
Service factor	: 1.15		
Moment of inertia (J)	: 0.0570 sq.ft.lb		

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

Load type	: -
Load torque	: -
Load inertia (J=GD ² /4)	: -

	Drive end	Non drive end
Bearing type	6204-ZZ	6202-ZZ
Lubrication interval	-	-
Lubricant amount	-	-
Lubricant type	MOBIL POLYREX EM	

Foundation loads	
Max. traction	: -
Max. compression	: -

Notes

See notes on page 2.

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 be changed after manufacturing process.

These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEMA MG 1-12.

Rev.	Changes Summary		Rev.	Checked	Date
Performed by	farazq		1847863688		
Checked by	AUTOMATICO		Page	Rev.	
Date	13/05/2026		1 / 2	0	

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Thermal protection ID	Application	Type	Quantity	Sensing Temperature
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Notes

Standards	Specification	: MG1 - Part 10	Vibration	: MG1 - Part 7
	Test	: MG1 - Part 12	Tolerance	: MG1 - Part 12
	Noise	: MG1 - Part 9		

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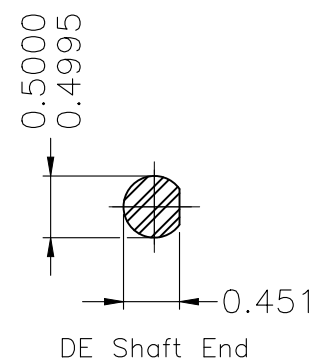
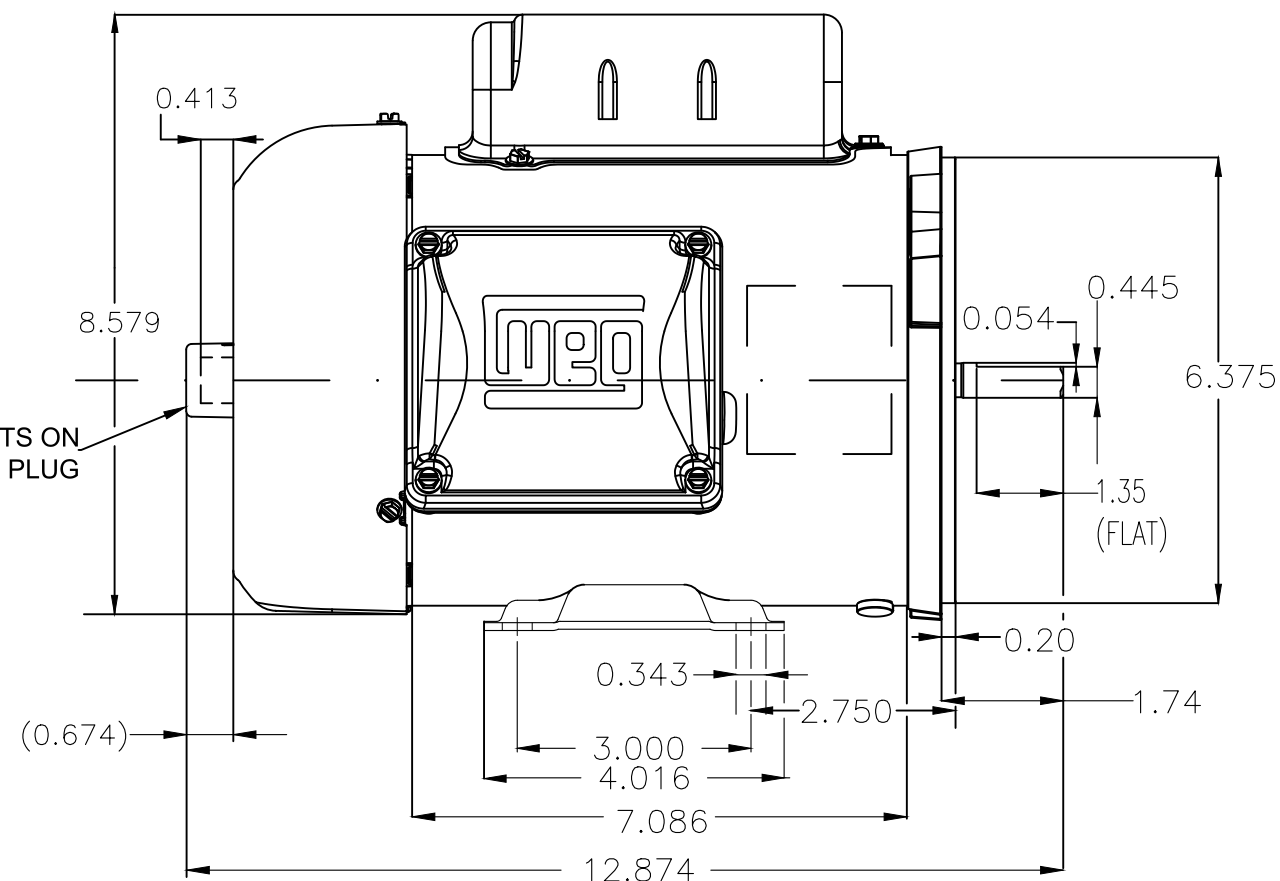
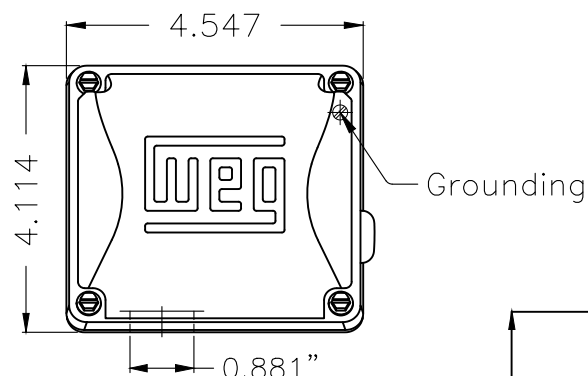
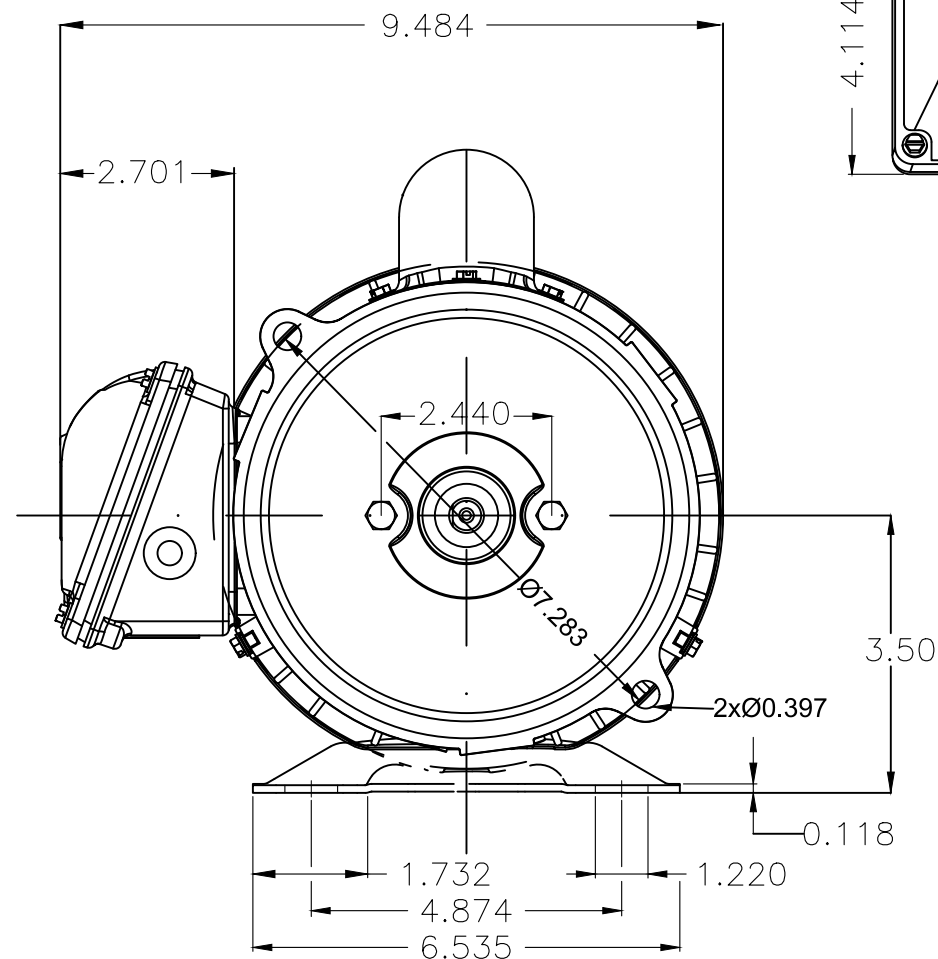
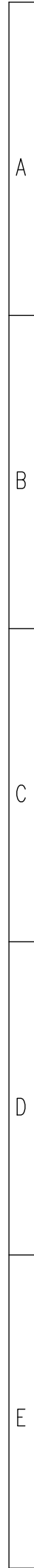
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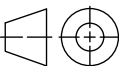
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Centrifugal Switch overspeed protection									
Vedación - Anillos V Ring									
Dren de goma									
Protector térmico fenólico – Manual									
Grasa - Mobil Polyrex EM									
Aislamiento Clase F - Elevación de Temperatura 80K									
Rodamiento trasero ZZ									
Material del eje - SAE/ABNT 1040/45									
Ambos sentidos de rotacion									
Rodamiento delantero con blindaje ZZ									
Anillo fijación del rodamiento									
Régimen de servicio S1									
Color Munsell N 1 negro mate									
Plan de pintura 207N									
Factor de servicio 1.15									
Forma constructiva F-1/B34R(D)									
V.J. PAMENSKY CANADA INC.									
500002667231			New document		CAZARES	ECHARCO	FMONROY	25.06.2024	02
500002631983			New document		CAZARES	MORALESR	FMONROY	08.05.2024	01
No MODIFICACION		LOC	RESUMEN DE MODIFICACIONES		EJECUTADO	VERIFICADO	LIBERADO	FECHA	VER
EJEC.	PIRWUSER		MOTOR MONO. ROLLED STEEL			10012118644			
VERIF.	FMONROY		CARCASA 56Z IP55 TEFC						
LIBER.	FMONROY								
FECHA LB.	06.05.2024	WMO	Jaragua do Sul	Ingeniera del Producto		HOJA	1	/	1