DATA SHEET

Three Phase Induction Motor - Squirrel Cage

Customer :

Product line	: Rolled Steel Premium Efficiency Three-Phase	Product code :	19087999

Frame	: 56CZ	Locked rotor time	: 61s (cold) 34s (hot)
Output	: 0.25 HP (0.18 kW)	Temperature rise	: 80 K
Frequency	: 60 Hz	Duty cycle	: Cont.(S1)
Rated voltage	: 230/460 V	Ambient temperature	: -20°C to +40°C
Poles	: 4	Altitude	: 1000 m.a.s.l.
Rated current	: 1.17/0.587 A	Protection degree	: IP55
	: 7.0x(Code P)	Cooling method	: IC410 - TENV
Rated speed	: 1775 rpm	Mounting	: F-1
Rated torque	: 0.102 kgfm	Rotation[1]	: Both (CW and CCW)
Insulation class	: H	Starting method	: Direct On Line
Service factor	: 1.15	Approx. weight[3]	: 9.9 kg
Moment of inertia (J)	: 0.0019 kgm²		

Output	25%	50%	75%	100%
Efficiency (%)	0.000	57.5	66.0	70.0
Power Factor	0.00	0.36	0.46	0.55

Foundation loads

Max. traction	: 10 kgf
Max. compression	: 20 kgf

		Drive end	Non drive end
Bearing type	:	6204 ZZ	6203 ZZ
Sealing	:	V'Ring	Without Bearing Seal
Lubrication interval	:	0 h	0 h
Lubricant amount	:	0 g	0 g
Lubricant type	:	Mobil Polyrex EM	

Notes
- CSA / UL certified motor with the following characteristics:
* Variable torque: 1000: 1
* Constant torque: 10: 1

- Motor suitable for CT 1000:1.

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

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Three Phase Induction Motor - Squirrel Cage

Customer :

Thermal protection

ID	Application	Type	Quantity	Sensing Temperature
1	Winding	Thermostat - 2 wires	1 x Phase	155 ºC

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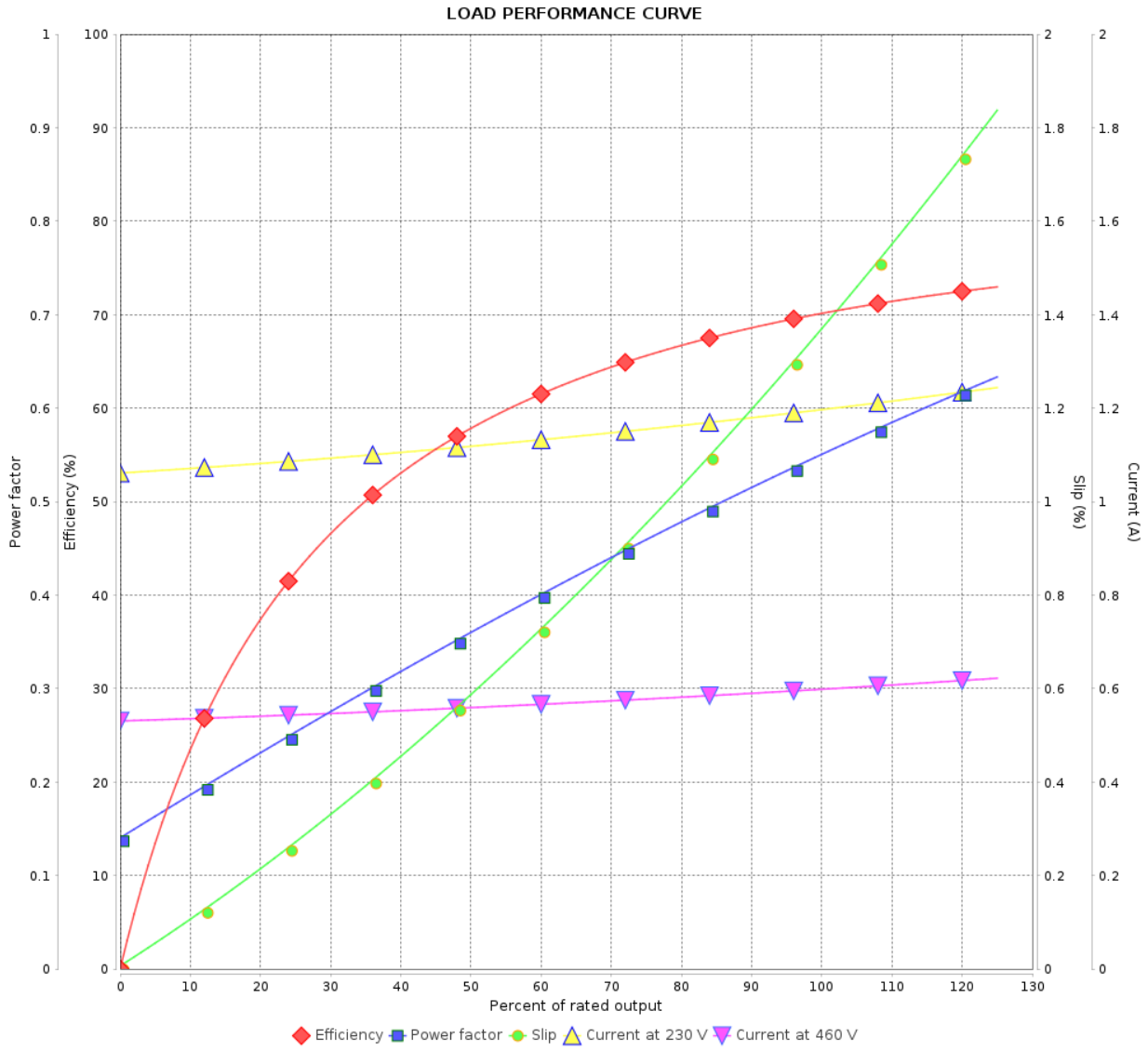
LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

Customer :

Product line : Rolled Steel Premium Efficiency Three-Phase

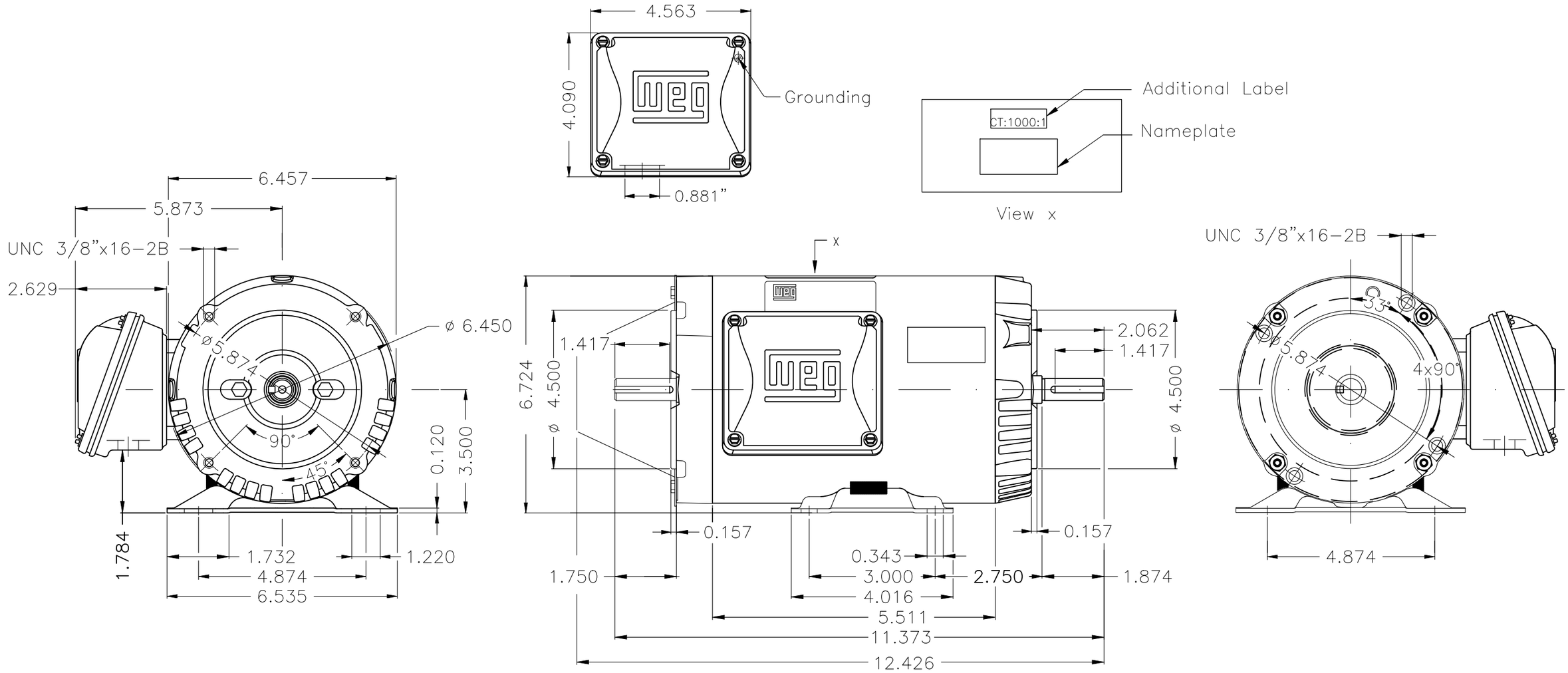
Product code : 19087999

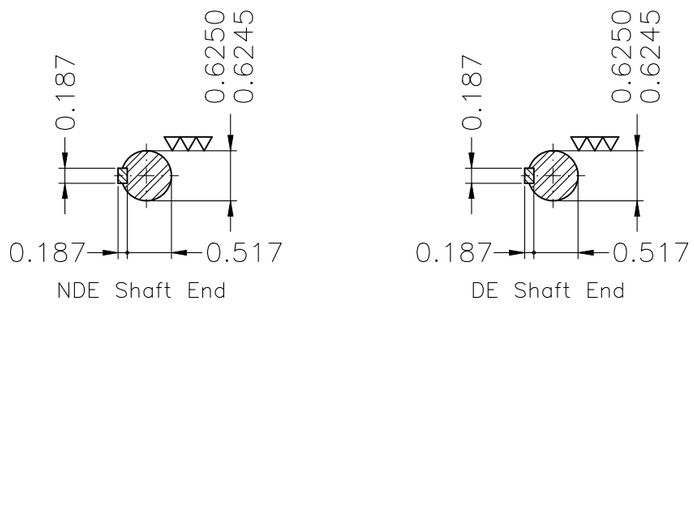


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Velocidad maxima segura:6000 rpm/Max safe speed:6000 rpm
Apto para trabajar para VFD 1000: 1 CT / Suitable to work for VFD 1000:1 CT
Placa de identificación adicional para uso del inversor / Nameplate for VFD motor
Salida de los cables para abajo, mirando desde la punta del eje
Termostato 155°C - Desconexión
Vedación - Anillos V Ring
Dren de goma
Reforzar la pata con 2 puntos de soldadura mig
Anillo fijación del rodamiento
Color Munsell N 1 negro mate
Plan de pintura 207N
Forma constructiva F-1/B34R(D)

V.J. PAMENSKY CANADA INC.

500003152912		According to claim ZC 422930638	ELIZABETH	FMONROY	FMONROY	05.02.2026	03
500003146662		According to claim ZC 422930638	ELIZABETH	DGUTIERREZ	FMONROY	29.01.2026	02
No MODIFICACION	LOC	RESUMEN DE MODIFICACIONES	EJECUTADO	VERIFICADO	LIBERADO	FECHA	VER

EJEC.	ELIZABETH	MOTOR TRIF. ROLLED STEEL PREM. EFF.	10014071537	
VERIF.	FMONROY	CARCASA 56CZ IP55 TENV	000	03
LIBER.	FMONROY			
FECHA LB.	21.11.2025	WEG HUEHUETOCA [Ventas Exportacion]	HOJA	1 / 1

0.25 HP 04 Polos 60 Hz 422906549 A

LIBERADO SISTEMA Dimensiones em pulgadas COPIA SIN CONTROL

ZME A3

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