

PRODUCT INFORMATION PACKET



Model No: TE198

Catalog No: TE198

100 HP General Purpose Motor, 3 phase, 3600 RPM, 208-230/460 V, 405TS Frame, TEFC
General Purpose Motors



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Nameplate Specifications

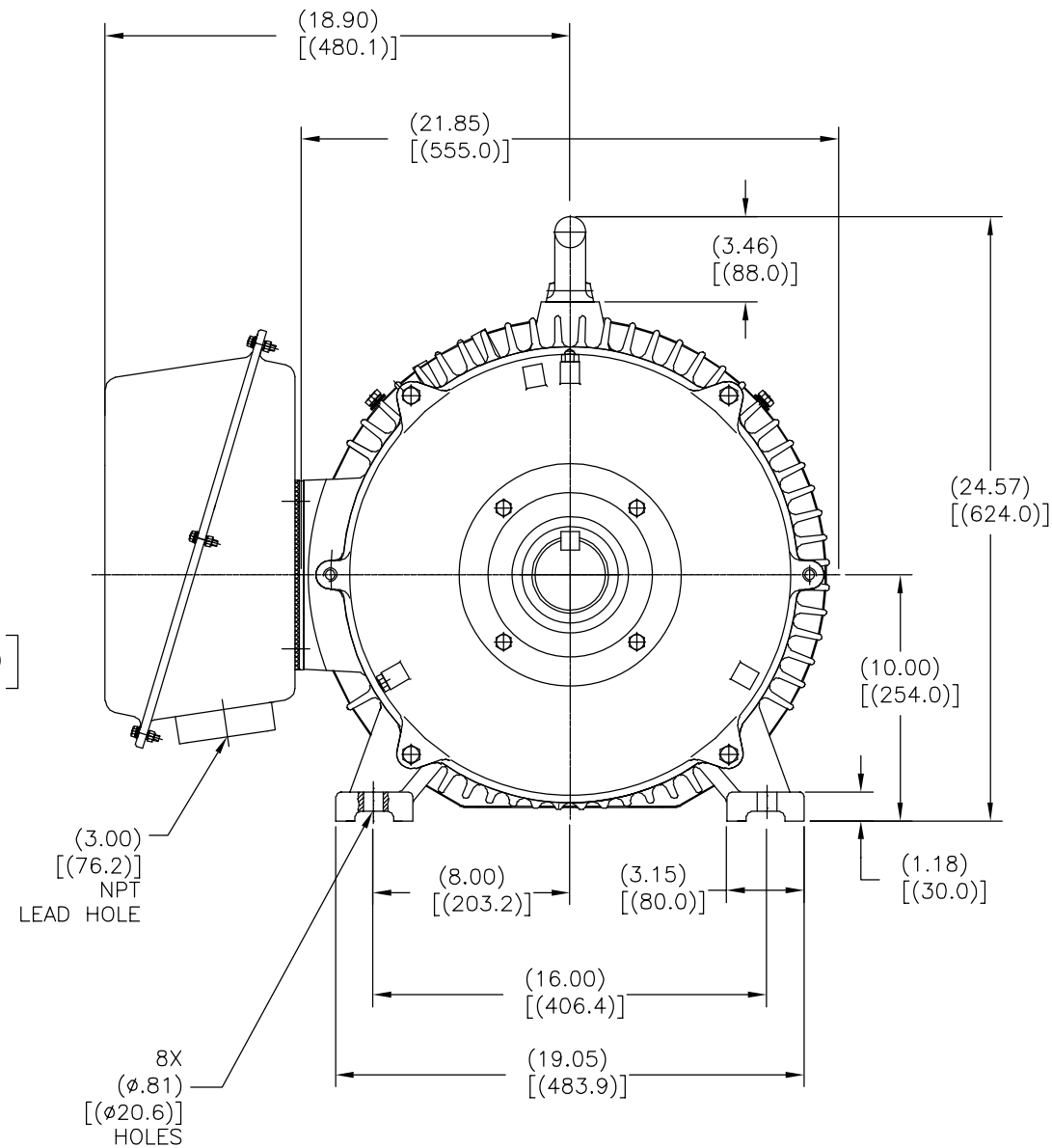
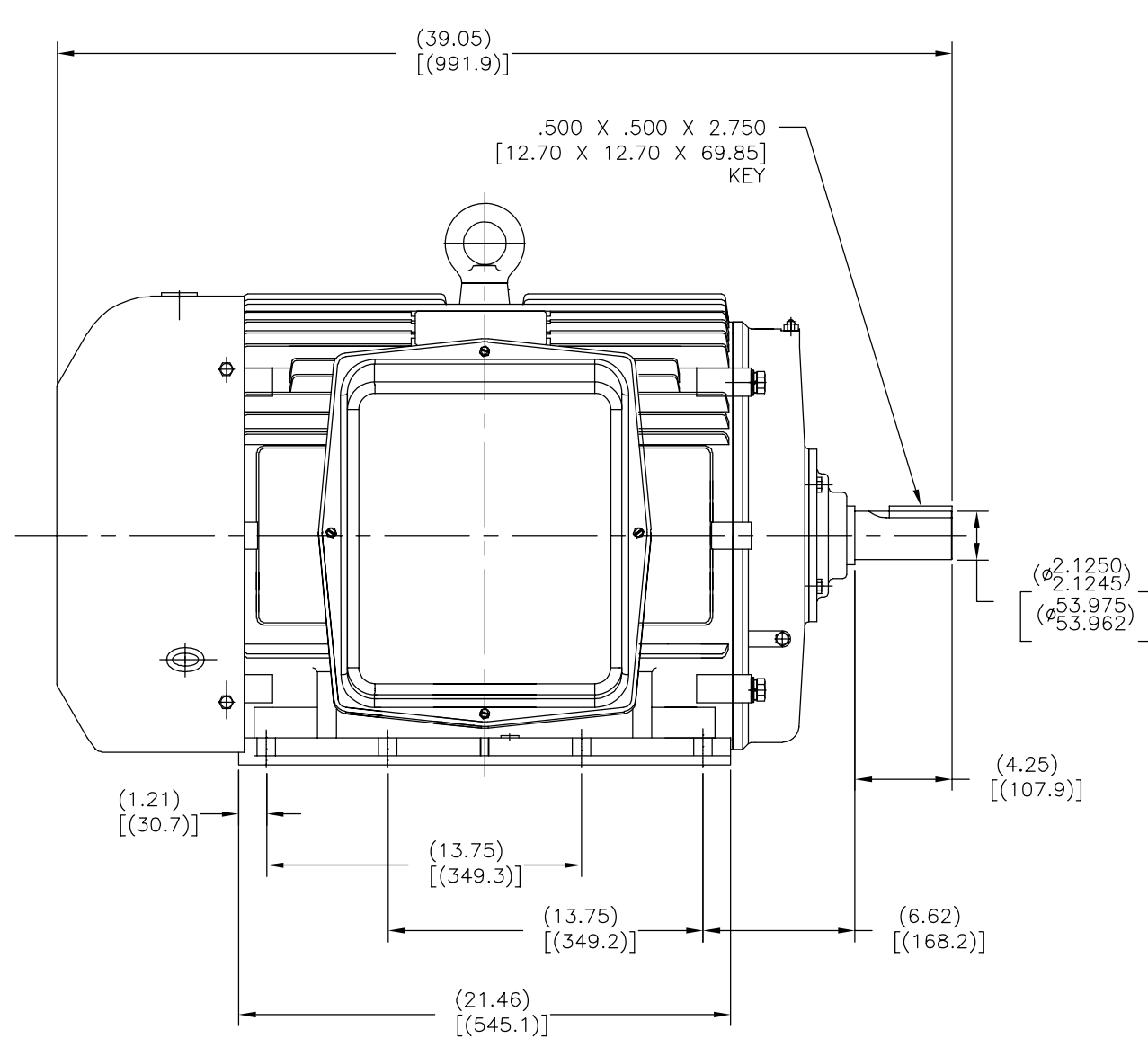
Output HP	100 Hp	Output KW	74.6 kW
Frequency	60 Hz	Voltage	208-230/460 V
Current	216/108 A	Speed	3575 rpm
Service Factor	1.15	Phase	3
Duty	Continuous	Insulation Class	F
Frame	405TS	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	None	Ambient Temperature	40 °C
UL	Recognized	CSA	Y
CE	Y	Number of Speeds	1

Technical Specifications

Electrical Type	POLYPHASE	Starting Method	Across The Line
Poles	2	Rotation	Reversible
Mounting	Rigid Base	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	Keyed	Overall Length	39.05 in
Frame Length	21.65 in	Shaft Diameter	2.125 in
Shaft Extension	4.25 in		
Outline Drawing	TE198-S01	Connection Drawing	A-EE7308AA

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REV	ECO	REV BY	DATE	APPD	DATE
A	ECO-0026183	M. SWIGER	05-29-2012	D. JAMORA	05-29-2012



GEOMETRIC CHARACTERISTICS & SYMBOLS
□ FLATNESS
— STRAIGHTNESS
∠ ANGULARITY
⊥ PERPENDICULARITY (SQUARENESS)
// PARALLELISM
○ ROUNDNESS (CIRCULARITY)
⊙ CYLINDRICITY
△ PROFILE OF ANY SURFACE
∧ PROFILE OF ANY LINE
↑ RUNOUT
⊕ TRUE POSITION
⊙ CONCENTRICITY
≡ SYMMETRY

ASME Y14.5M 1994

UNLESS OTHERWISE SPECIFIED
DIM. TOLERANCES ARE AS FOLLOWS:
INCH X XX XXX XXXX
mm ±0.1 ±0.02 ±0.005 ±0.0005
mm ±0.5 ±0.13 ±0.013
ANG. ±50 DEG
REMOVE BURRS & BREAK SHARP EDGES:
INCH .003-.015 mm 0.1-0.4
CORNER FILLETS TO:
INCH .020 mm 0.5
MACHINE SURFACES:
INCH 125 mm 3.2
METRIC DIMS. SHOWN IN [BRACKETS]

DR BY:

M. SWIGER

05-29-2012

APPD:

D. JAMORA

05-29-2012

THIRD ANGLE PROJECTION

EDS DATE 11-11-2011
FORMAT REV H

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REGAL-BELOIT CORPORATION

DESCRIPTION

MODEL-IHP
OUTLINE

SIZE

C

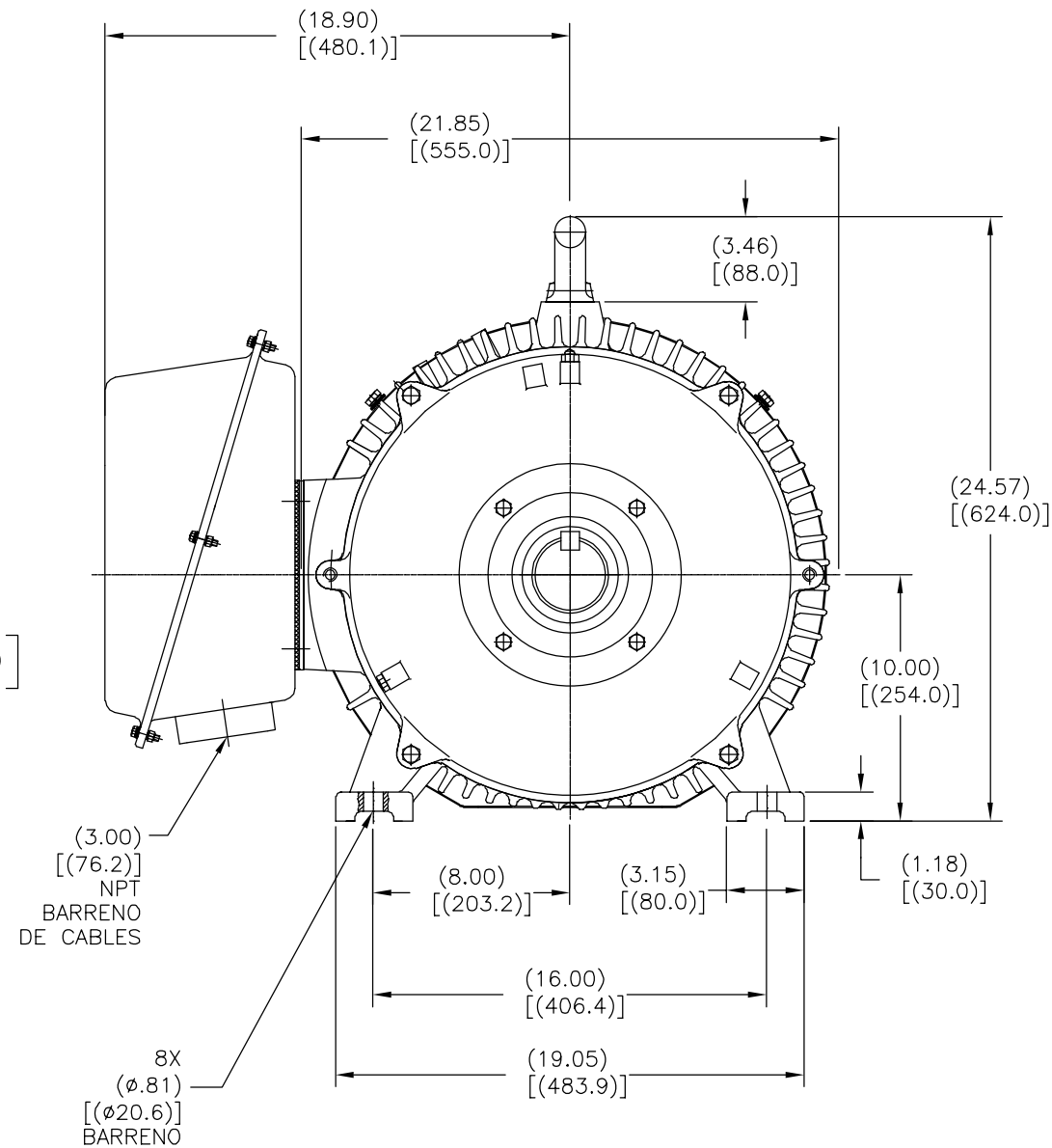
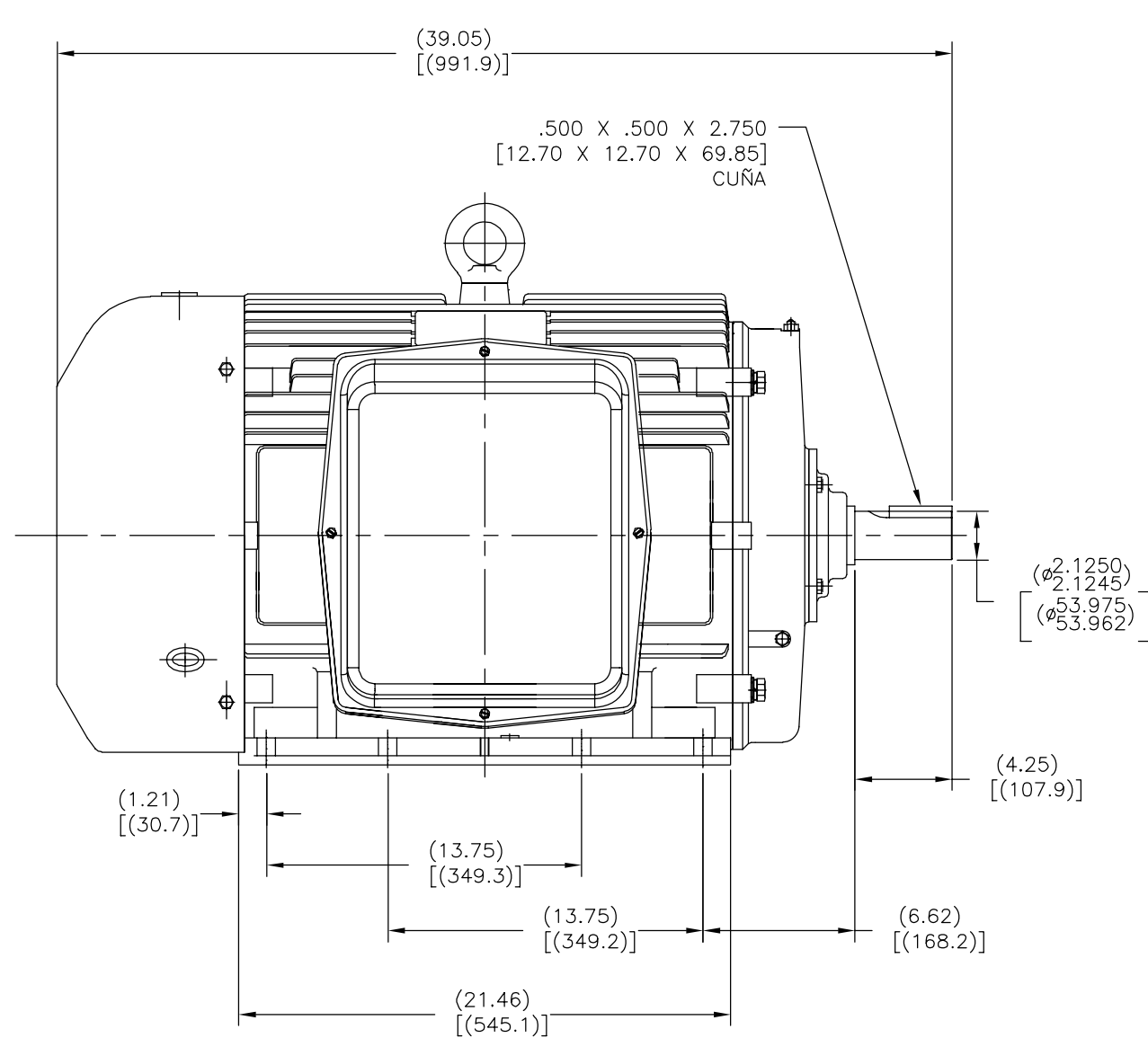
DWG NO

TE198

SCALE NONE

SHEET 1

REVISION:	ECO	REVISADO POR:	FECHA:	APROBADO POR:	FECHA:
A	ECO-0026183	M. SWIGER	05-29-2012	D. JAMORA	05-29-2012



CARACTERISTICAS DE GEOMETRIA Y SIMBOLOS

- PLANICIDAD
- RECTITUD
- ANGULARIDAD
- PERPENDICULARIDAD (A ESCUADRA)
- PARALELISMO
- REDONDEZ (CIRCULARIDAD)
- CILINDRICIDAD
- PERFIL DE CUALQUIER SUPERFICIE
- PERFIL DE CUALQUIER LINEA
- VARIACION
- POSICION REAL
- CONCENTRICIDAD
- SIMETRIA

A MENOS QUE SE ESPECIFIQUE DE OTRA MANERA, LAS TOLERANCIAS DE LAS DIMS. SON LAS SIGUIENTES:

	X	XX	XXX	XXXX
PULG.	±.1	±.02	±.005	±.0005
mm	±0.5	±0.13	±0.013	

ANG. ±.50 GRADOS

ELIMINAR REBABAS Y ORILLAS FILOSAS DEL BORDE.

PULG. .003-.015 mm 0.1-0.4

FILETEAR ESQUINA: PULG. .020 mm 0.5

MAQUINAR SUPERFICIES

PULG. 125 mm .32

DIMS METRICAS MOSTRADAS [PARENTESIS]

DIBUJADO POR:
M. SWIGER

05-29-2012

APROBADO POR:
D. JAMORA

05-29-2012

TERCER ANGULO DE PROYECCION

FECHA EDS: 11-11-2011

REV. FORMATO: H

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REGAL **REGAL-BELOIT CORPORATION**

DESCRIPCION:

MODEL-IHP
OUTLINE

TAMAÑO: C

NUMERO DE DIBUJO: TE198

ESCALA: NONE

HOJA: 1

4

3

2

1

版本	ECO	编制	日期	批准	日期
A	ECO-0026183	M. SWIGER	05-29-2012	D. JAMORA	05-29-2012

D

D

C

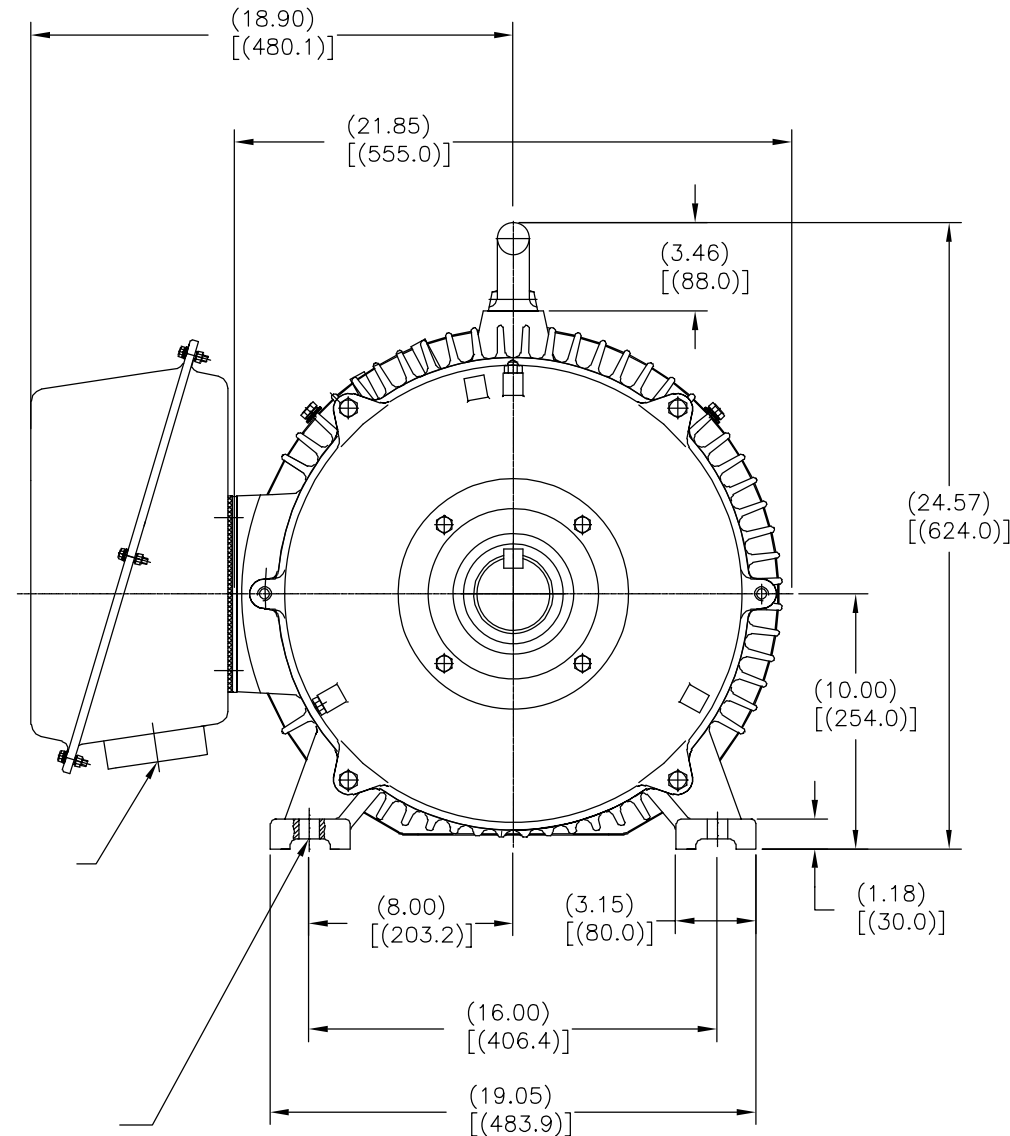
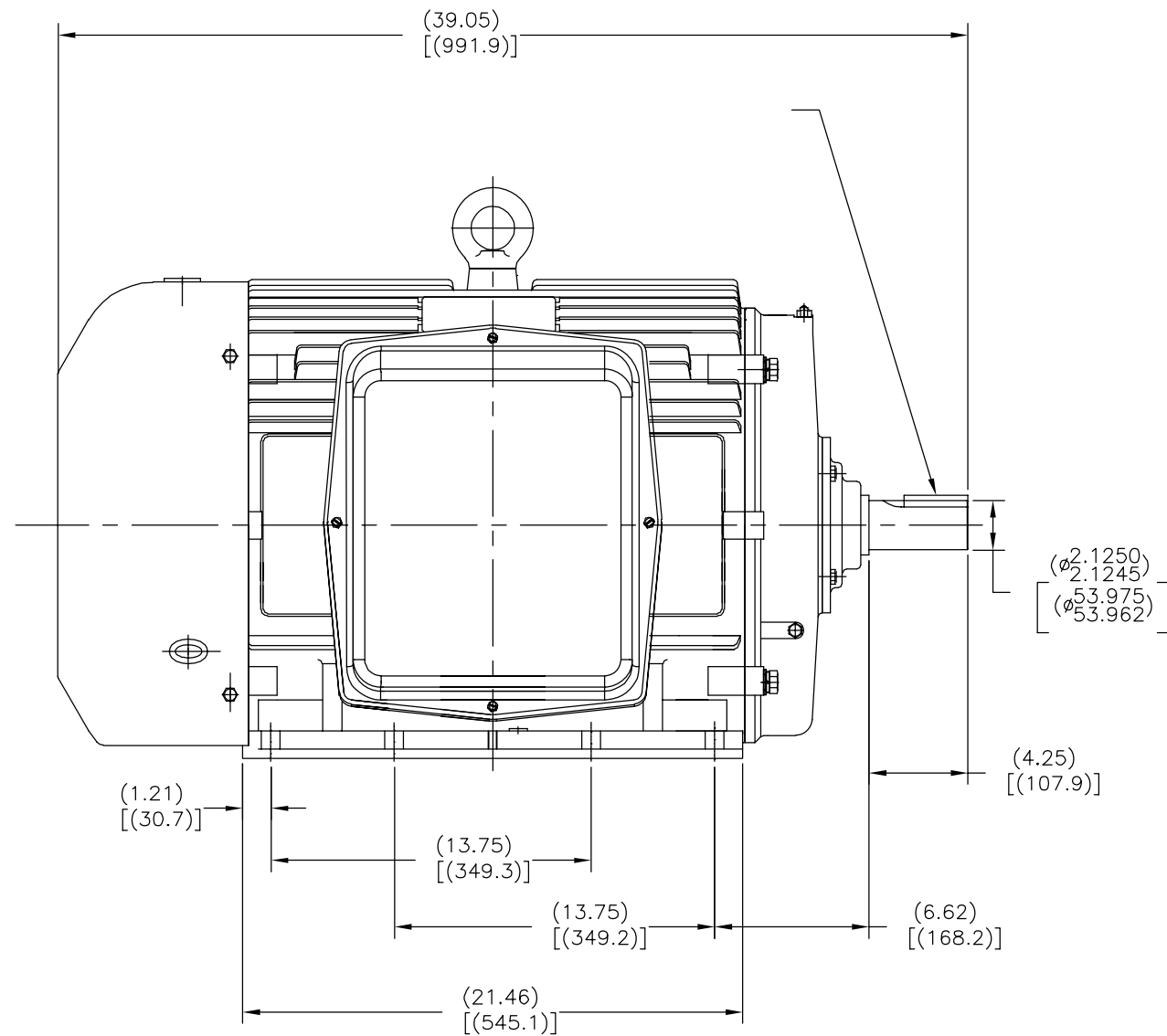
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B

B

A

A



形位公差
□ 平面度
— 直线度
∠ 倾斜度
⊥ 垂直度
∥ 平行度
○ 圆度
⊙ 圆柱度
△ 面轮廓度
△ 线轮廓度
⌒ 圆跳动
⊕ 位置度
⊙ 同轴度
≡ 对称度

ASME Y14.5M 1994

除另有注明 尺寸公差如下:
英寸 X XX XXX XXXX
毫米 ±0.1 ±0.2 ±0.005 ±0.0005
角度 ±.50 度
清理毛刺和尖棱
英寸 .003-.015 毫米 0.1-0.4
内圆角
英寸 .020 毫米 0.5
表面粗糙度
英制 125 米制 3.2
米制尺寸显示在 []

绘图:	M. SWIGER	05-29-2012
批准:	D. JAMORA	05-29-2012
第三角投影	⊕	图纸格式发布日期 11-11-2011 图纸格式版本 H
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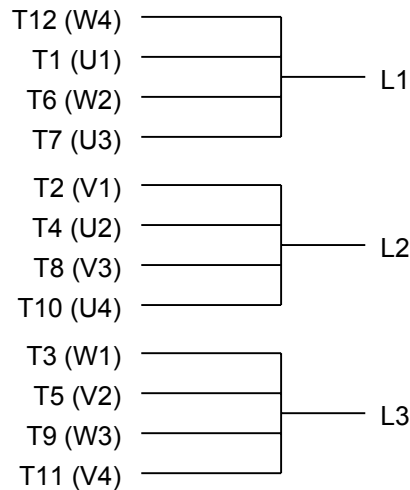
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图幅	C
图号	TE198
比例	NONE
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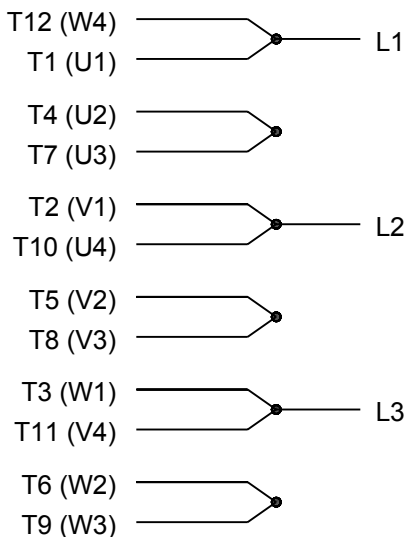
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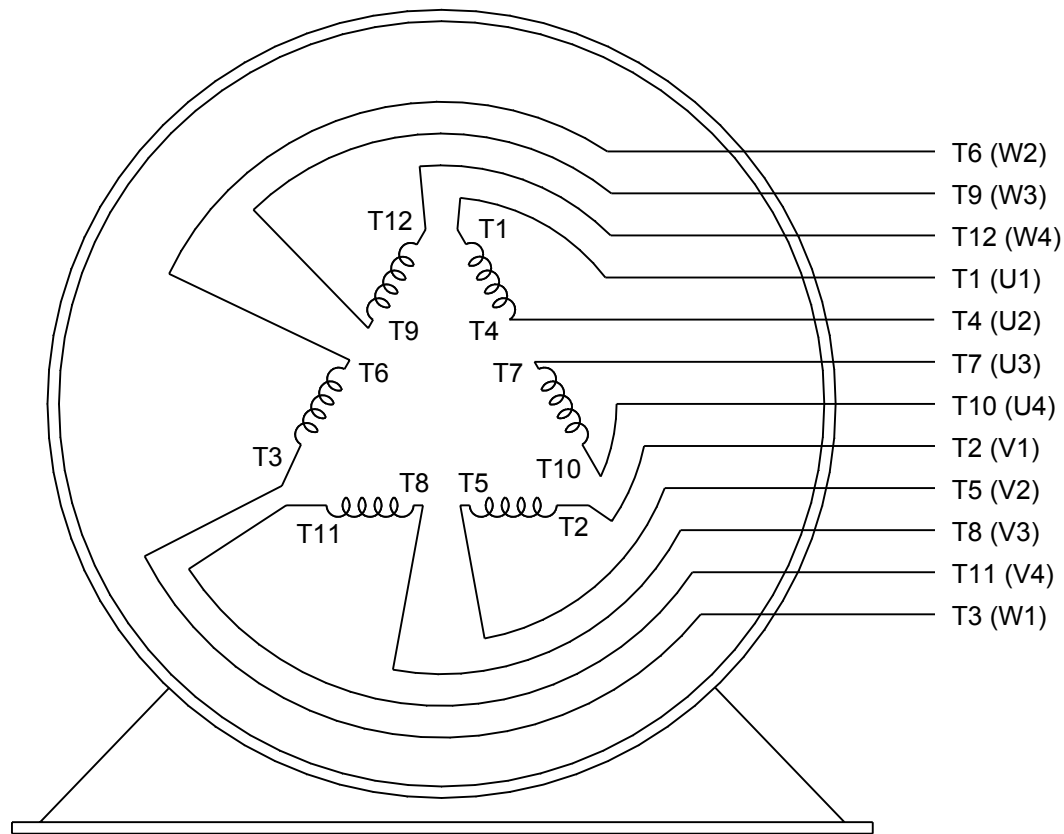
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LOW VOLTAGE



HIGH VOLTAGE



VIEW OF TERMINAL END

DRAWING REVISION K	REVISION BY AJW	DATE 07-17-2015
ECO ECO-0081632	APPROVED BY T. VUE	DATE 07-17-2015
ECO DESCRIPTION REV'D IEC MARKINGS PER IEC 60034-8		
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DRAWN BY LZ	
DATE 01-12-1994	
APPROVED BY GK	
DATE 01-14-1994	
REFERENCE	
THIRD ANGLE PROJECTION	

Regal Beloit America, Inc.		
DESCRIPTION CONN DIAGRAM-EXTERNAL 3Ø-2/1 DELTA-12 LEADS		
MATERIAL	PROCESS/FINISH	
SIZE A	DRAWING NUMBER EE7308AA	SHEET 1 OF 1