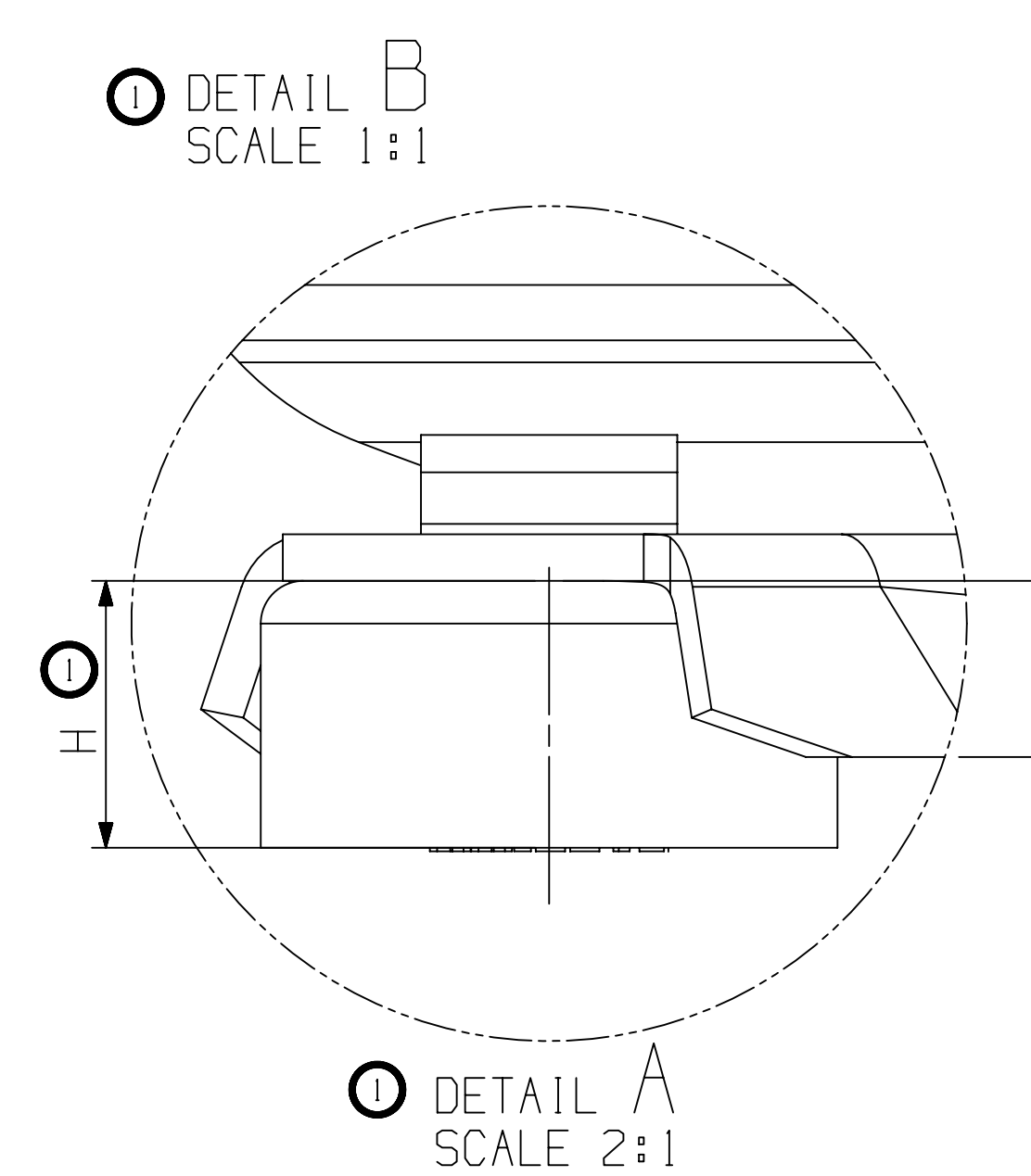
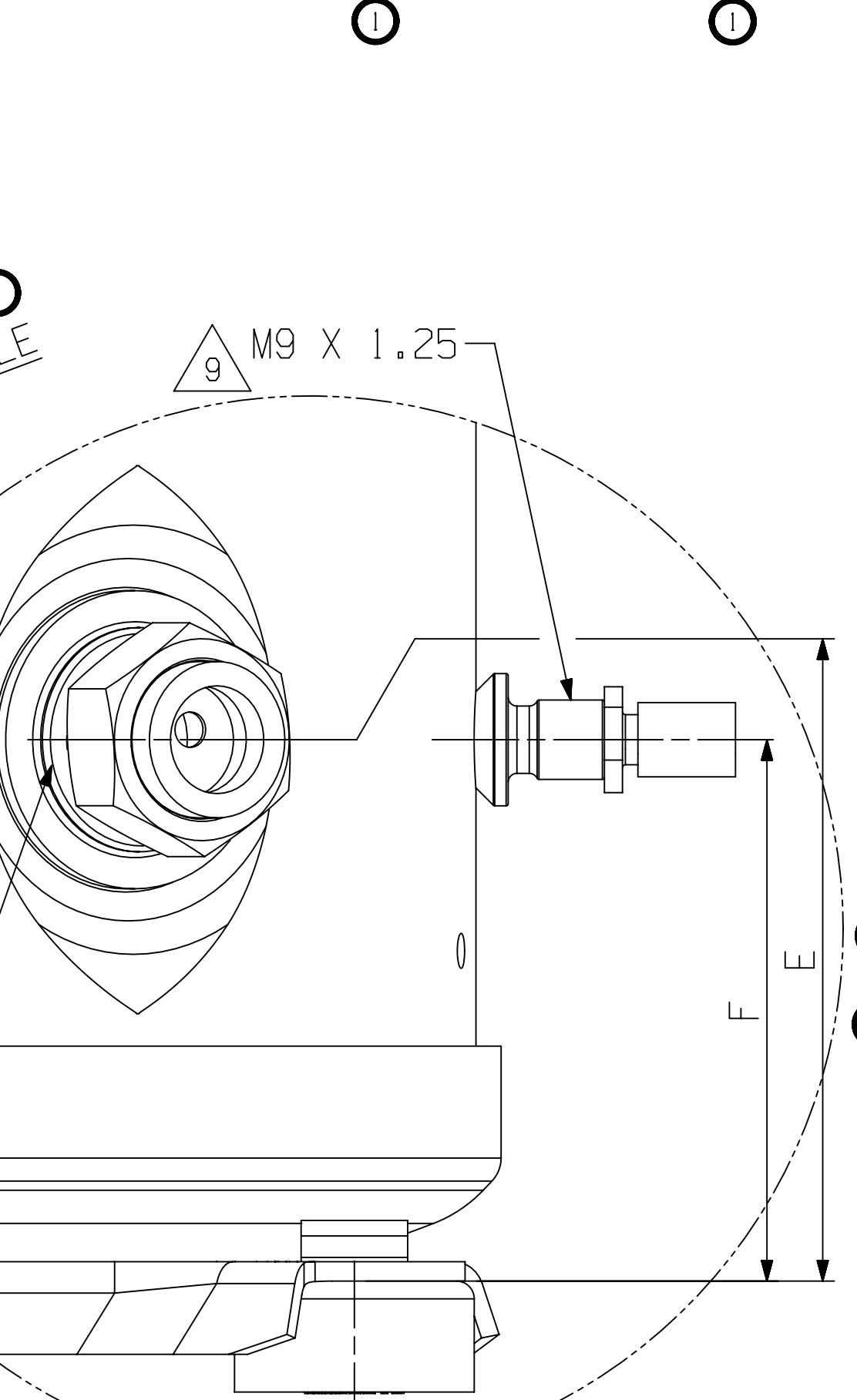
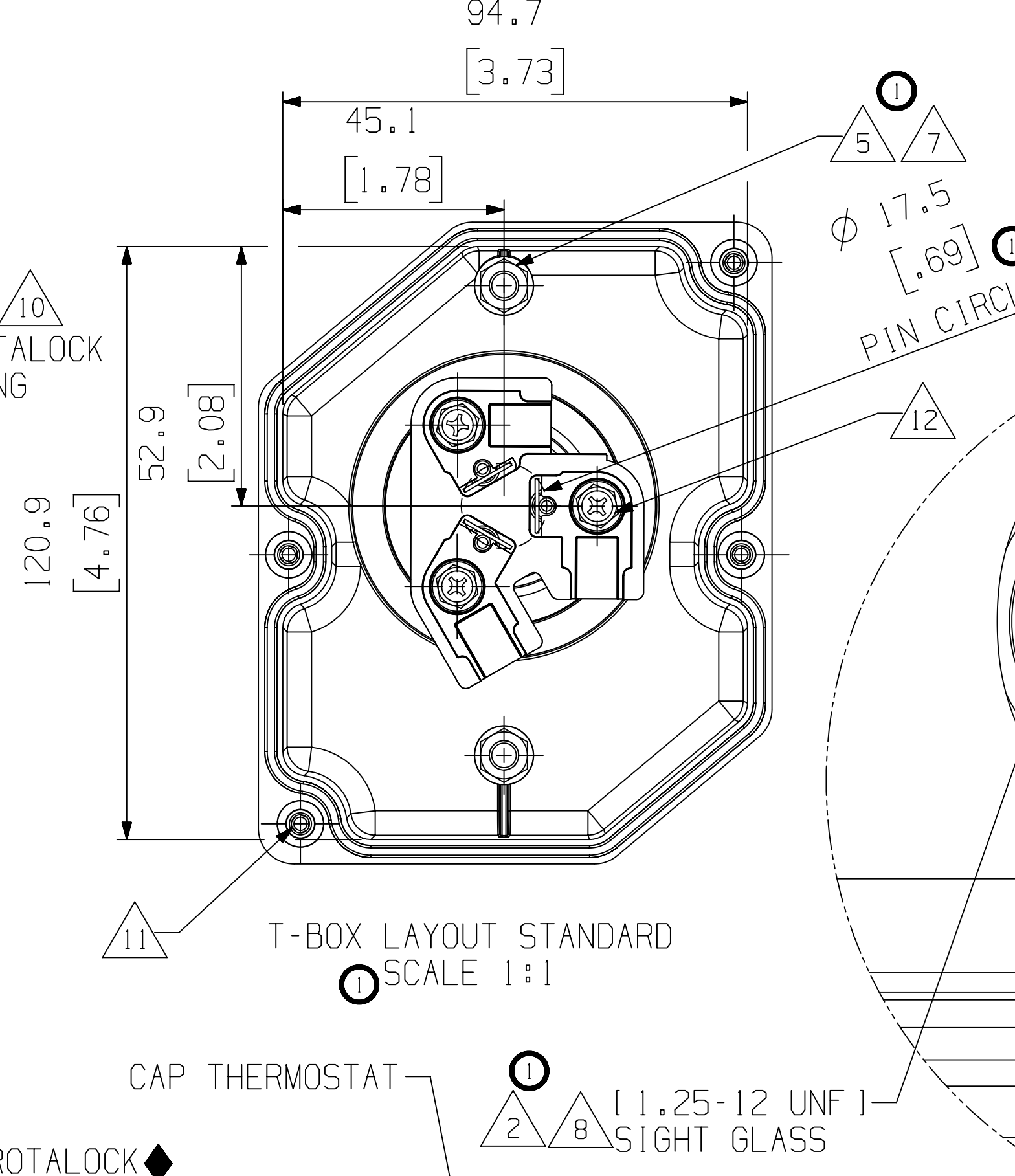
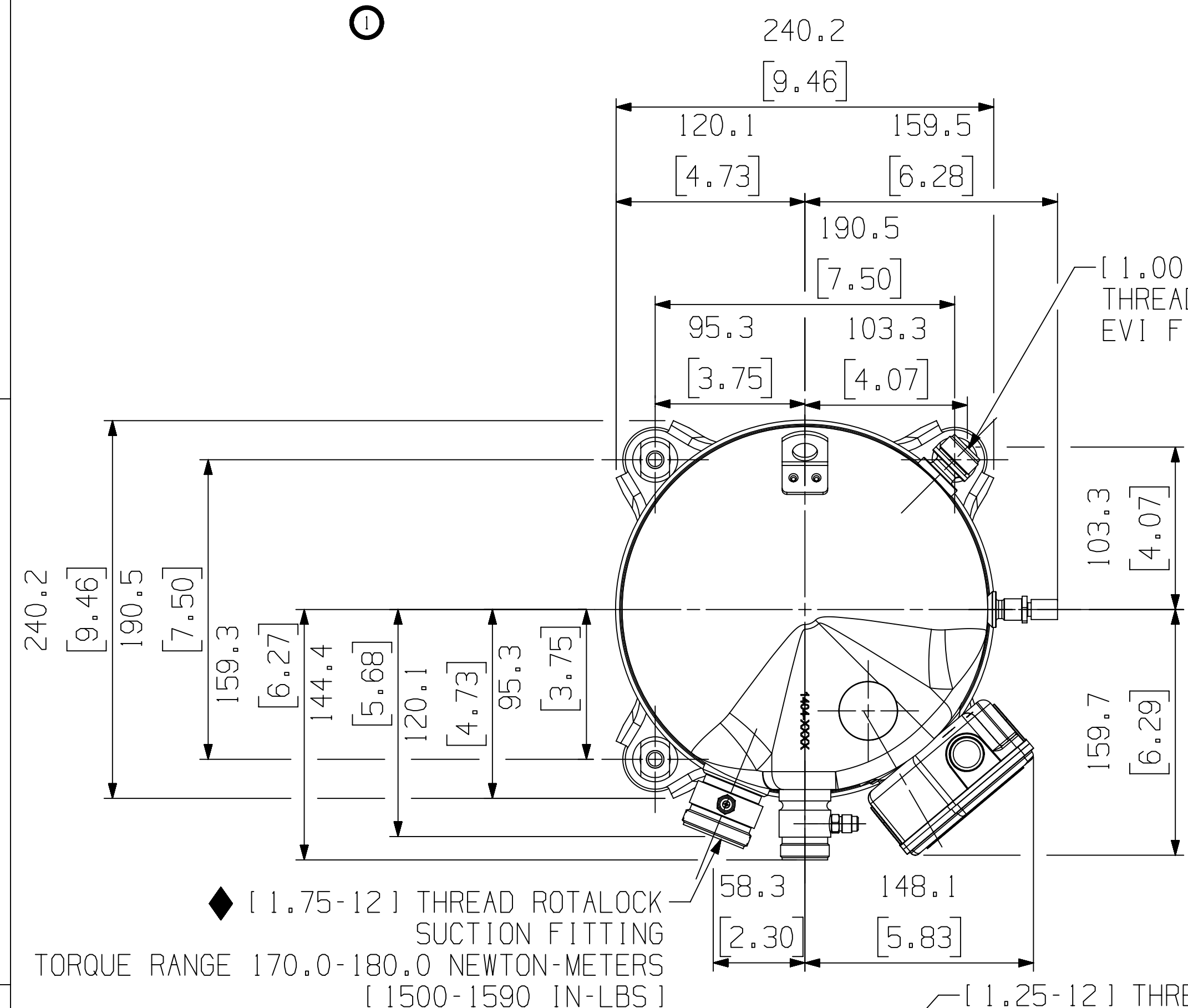
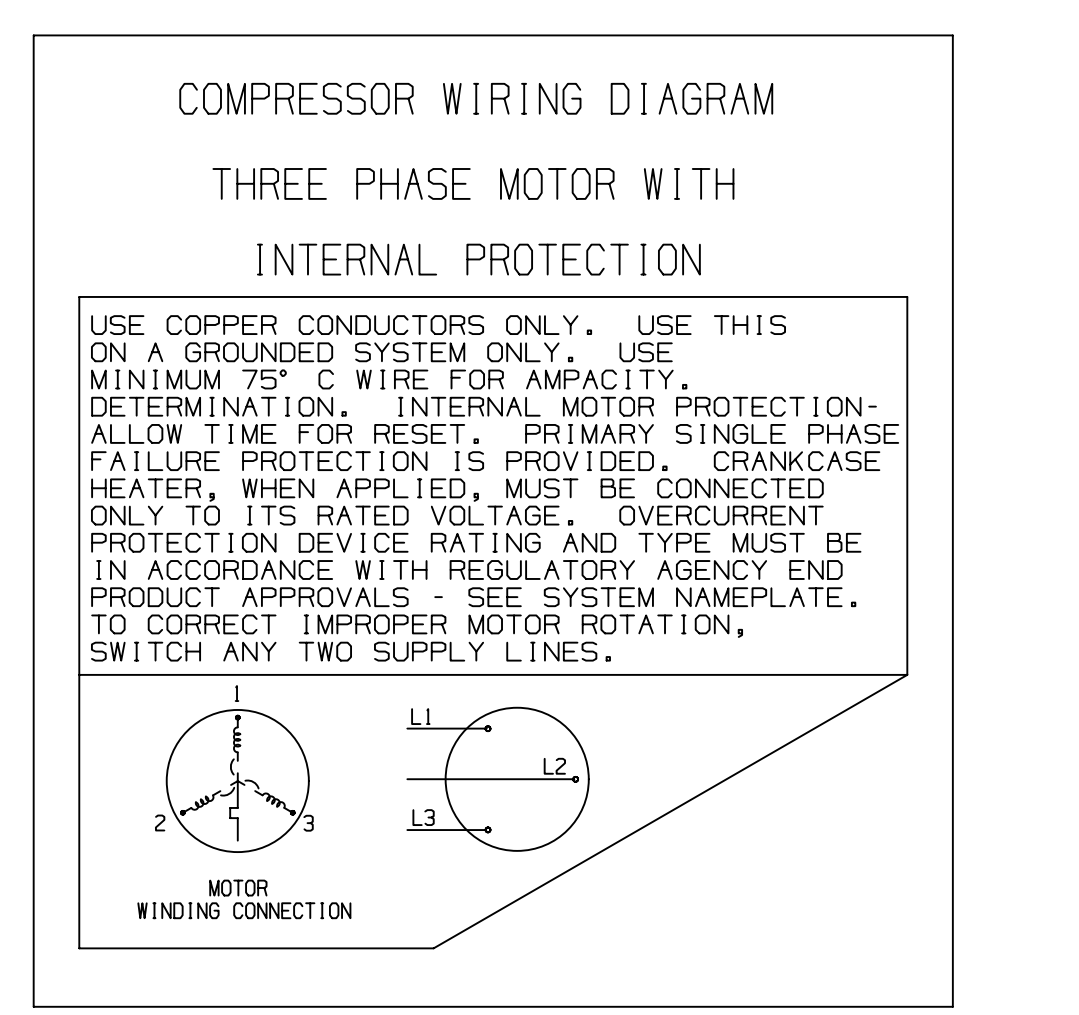
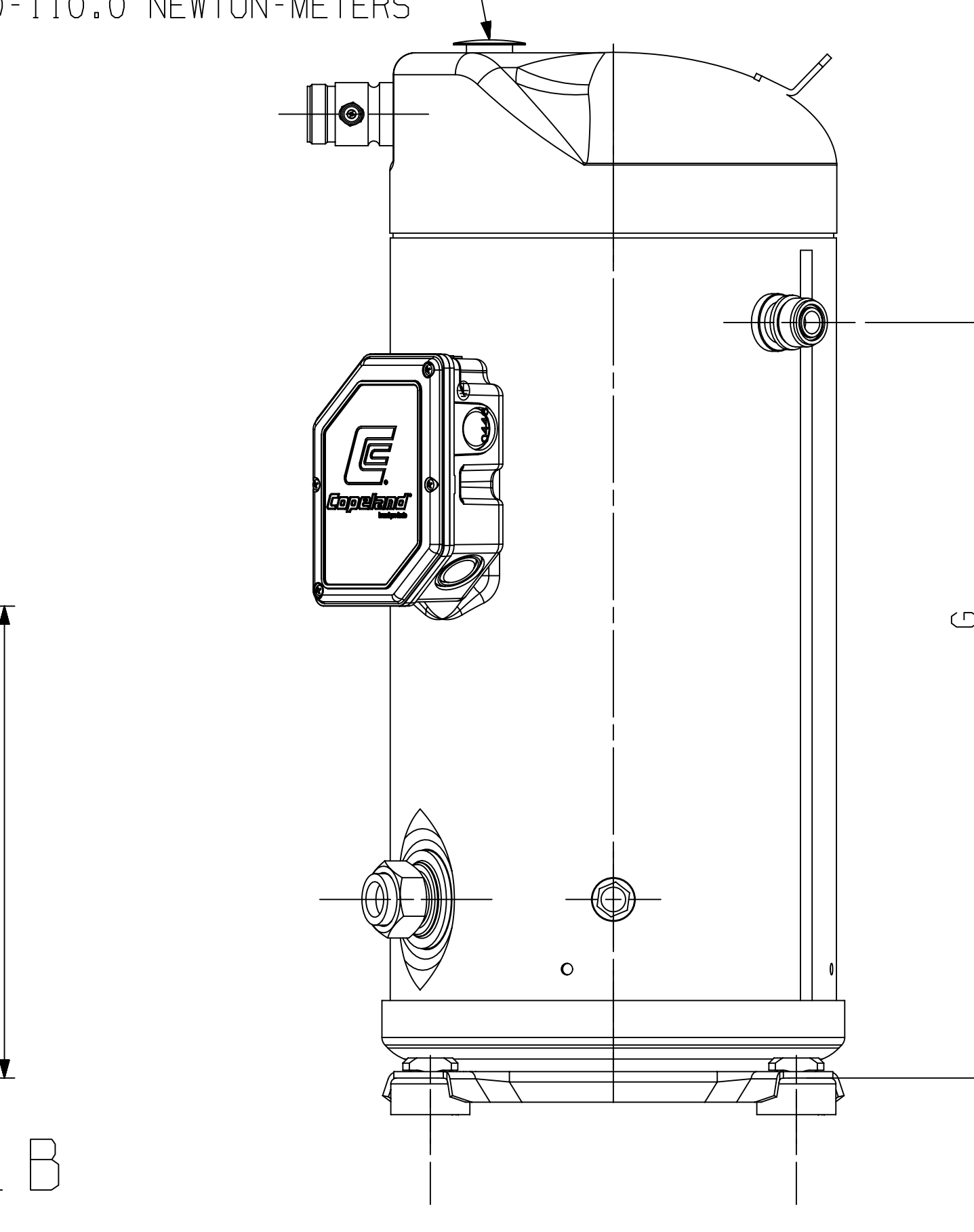
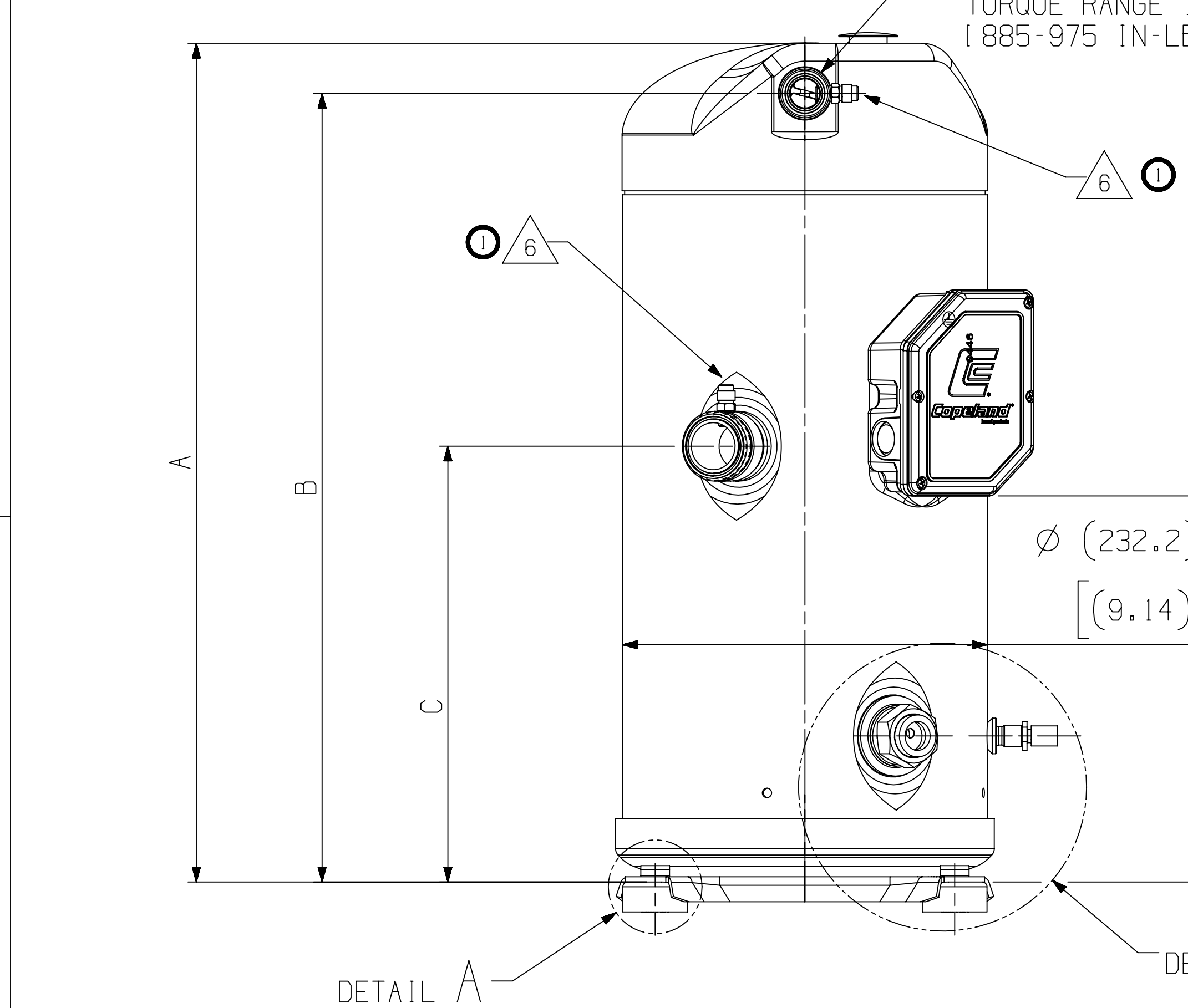


PART NO.	MODEL NUMBER	A	B	C	D	E	F	G	MOUNTING KIT	H
497-1559-00	ZF34/41KQE-***	533.6 [21.00]	501.8 [19.75]	277.3 [10.91]	245.7 [9.67]	93.0 [3.66]	93.0 [3.66]	393.3 [15.49]	2	19.1 [0.75]
497-1559-01	ZF49/54KQE-***	551.5 [21.71]	519.5 [20.45]	295.0 [11.61]	263.6 [10.37]	92.6 [3.64]	92.6 [3.64]	441.0 [16.18]	3	33.3 [1.31]

SPECIFICATIONS	
ES NO.	DESCRIPTION
ES92-155	CONVERSION-METRIC



- NOTES:
- 1 ALL TOLERANCES ± 1.5 [0.06] UNLESS OTHERWISE SPECIFIED. DUE TO ACCUMULATED ASSEMBLY TOLERANCES THE LISTED COMPONENTS MAY VARY FROM THE MOUNTING HOLES AS TABULATED.
 - 2 SUCTION FITTING ± 3.0 [0.12]
 - 3 DISCHARGE FITTING ± 3.0 [0.12]
 - 4 MOUNTING KIT: 527-0116-00.
 - 5 MOUNTING KIT: 527-0210-00.
 - 6 4. TUBE ENDS MUST BE PLUGGED.
 - 7 GROUNDING NUT.
 - 8 TORQUE 23-25 Nm [200-220 in Lb]
 - 9 TORQUE 3.6-4.4 Nm [32-39 in Lb]
 - 10 TORQUE 45.5-53.6 Nm [405-475 in Lb]
 - 11 TORQUE 4.5-6.8 Nm [40-60 in Lb]
 - 12 TORQUE 67.8-78.0 Nm [600-690 in Lb]
 - 13 TORQUE 1.0-1.2 Nm [9-11 in Lb]
 - 14 TORQUE 1.4-1.7 Nm [12-15 in Lb]



ECN303238	2	ADDED ZF54KQE-*** TO -01	11-1-19	CC	ZH
ECN302358	1	MAKE CORRECTION	06-20-17	SZ	LG
ECN007264	0	RELEASED	07-08-13	SZ	WH
ENG NOTICE NO.	REV. NO.	REVISIONS	DATE	BY	CHKD
15		CONFIDENTIALITY NOTICE			
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MATERIAL SPECIFICATION		DRAWN BY	SUPERSEDES DWG NO / REV NO	DATE FORMAT:	
N/A		DATE	SCALE	MM-DD-YY	
		06-19-17	1:1	MM-DD-YY	
TITLE			DRAWING NUMBER	SHEET 1 OF 1	DWG
REF DWG-WELD COMP ASSM			497-1559-00	4	SIZE

EMERSON
Copeland

INTERPRET PER ASME Y14.5M-1994 AND EMERSON DESIGN STANDARDS DS2002

DO NOT SCALE DRAWING

CRITICAL PRODUCT CHARACTERISTICS

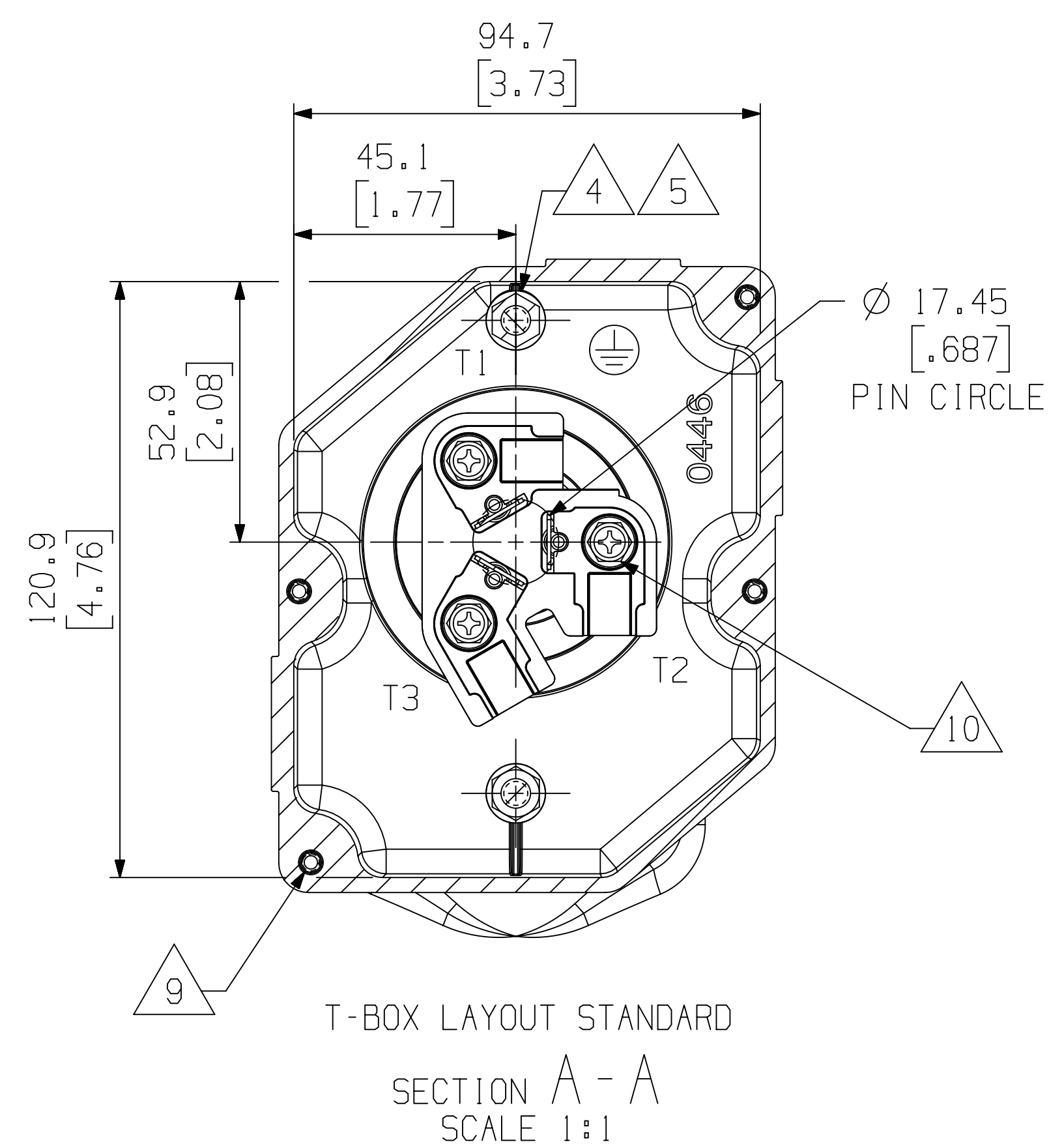
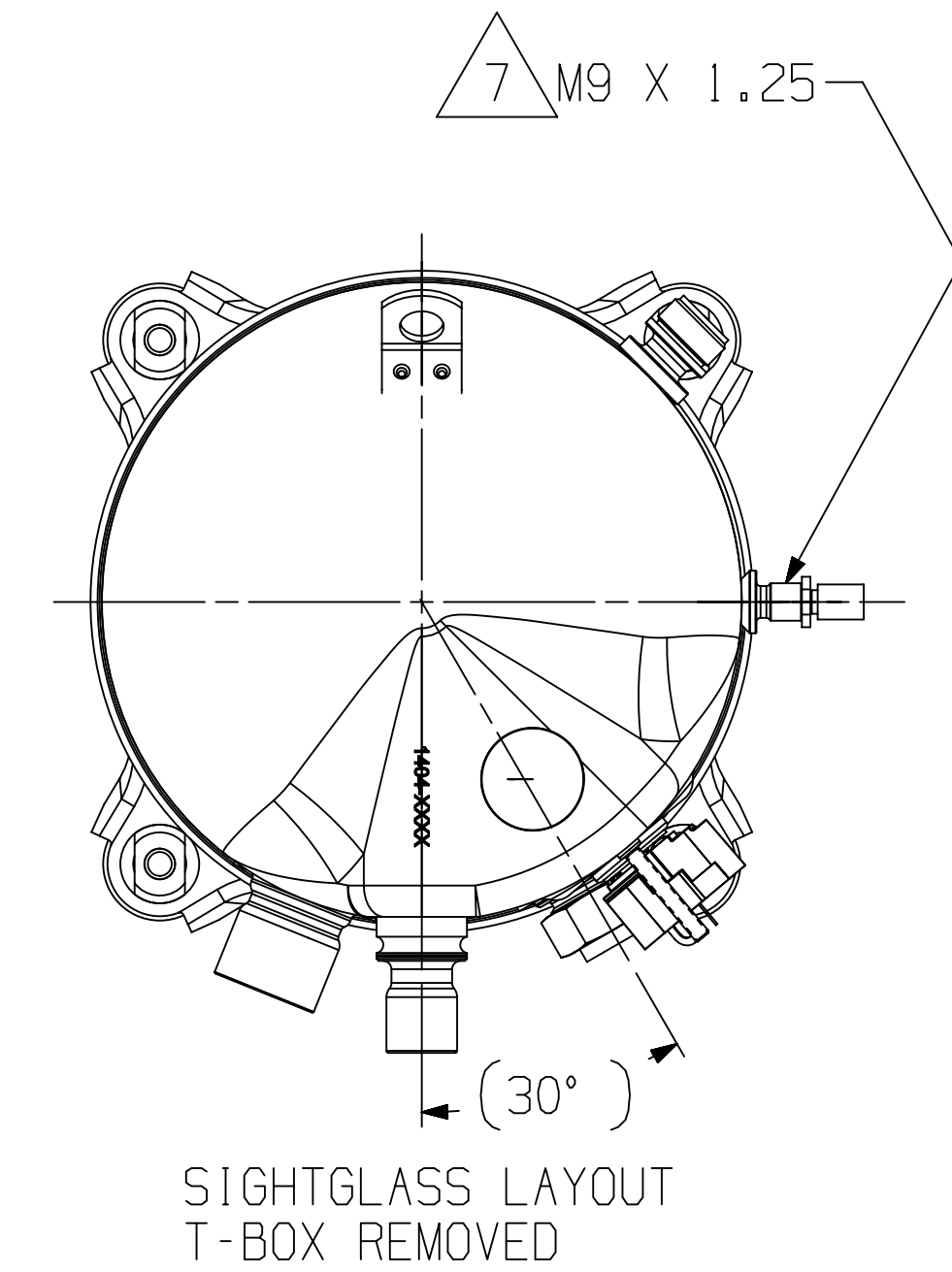
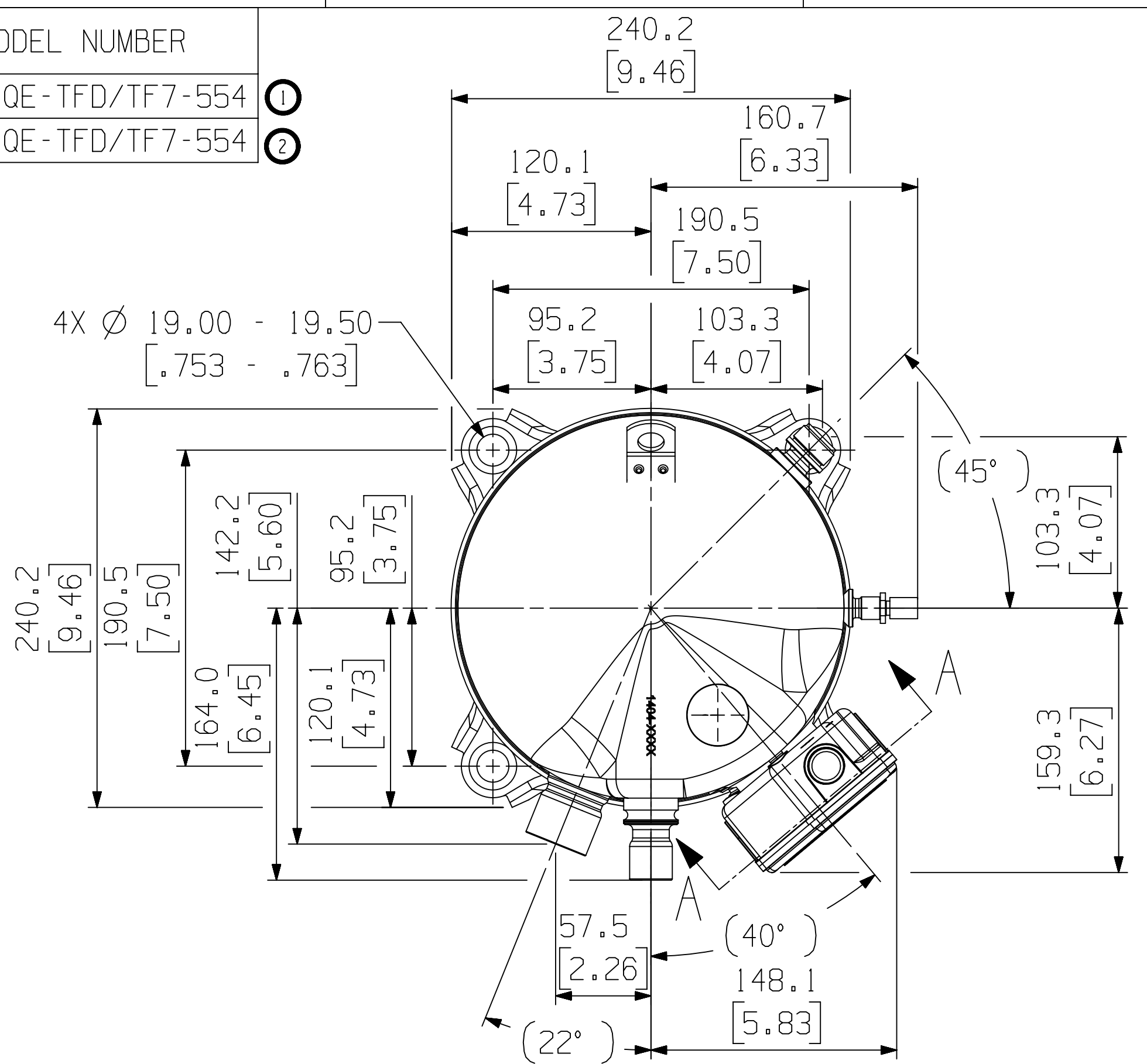
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE MILLIMETER OR (INCH)

TOLERANCES:

- 1-PLACE ±
- 2-PLACE ±
- ANGULAR ±

MODEL NUMBER
ZF49KQE - TFD/TF7-554
ZF54KQE - TFD/TF7-554

SPECIFICATIONS	
ES NO.	DESCRIPTION
ES92-155	CONVERSION-METRIC



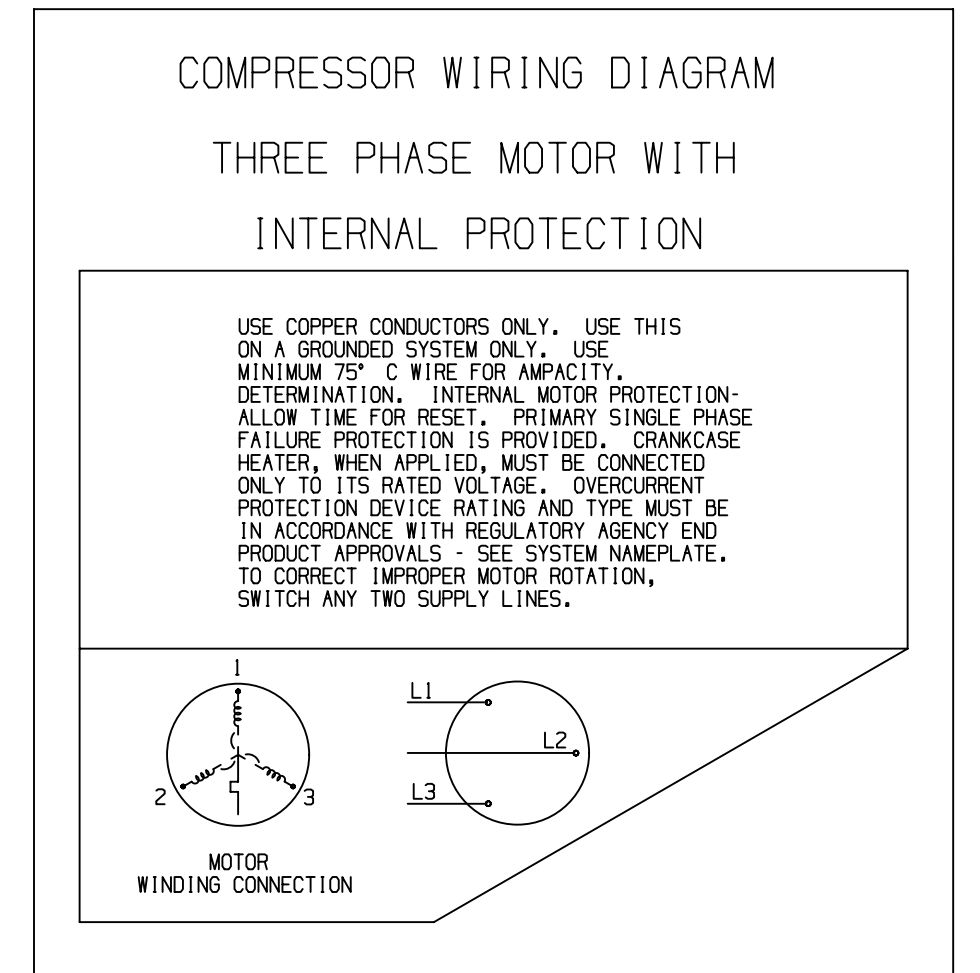
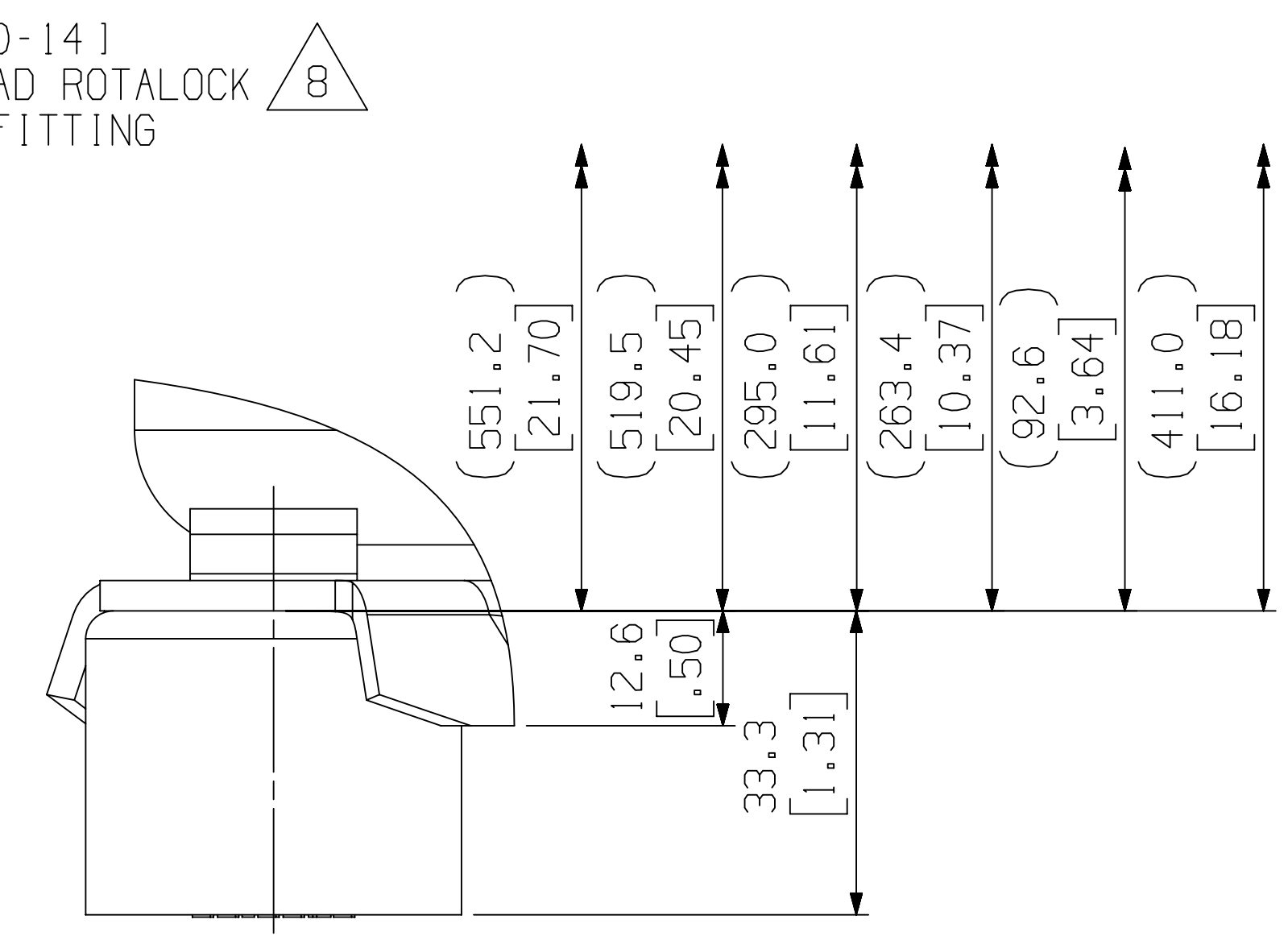
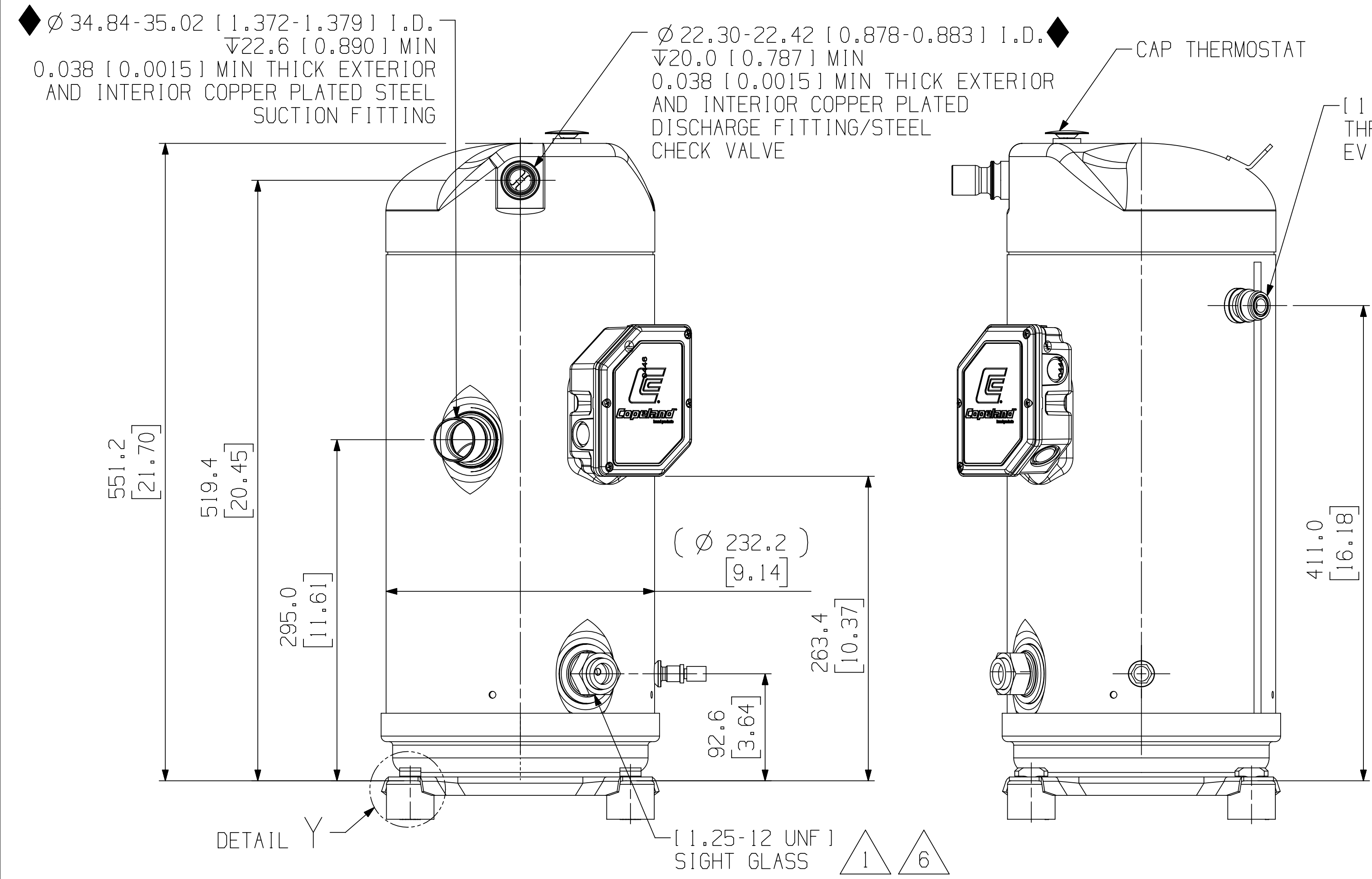
NOTES:

1 ALL TOLERANCES ± 1.5 [0.06] UNLESS OTHERWISE SPECIFIED. DUE TO ACCUMULATED ASSEMBLY TOLERANCES THE LISTED COMPONENTS MAY VARY FROM THE MOUNTING HOLES AS TABULATED.

2 MOUNTING KIT

GROMMET DUROMETER	4 FOOT KIT
55-65	527-0210-00

- ◆ SUCTION FITTING ± 3.0 [0.12]
- ◆ DISCHARGE FITTING ± 3.0 [0.12]
- 3. TUBE ENDS MUST BE PLUGGED.
- 4 GROUNDING NUT.
- 5 TORQUE 3.6-4.4 Nm [32-39 in Lb]
- 6 TORQUE 45.5-53.6 Nm [405-475 in Lb]
- 7 TORQUE 4.5-6.8 Nm [40-60 in Lb]
- 8 TORQUE 67.8-78.0 Nm [600-690 in Lb]
- 9 TORQUE 1.0-1.2 Nm [9-11 in Lb]
- 10 TORQUE 1.4-1.7 Nm [12-15 in Lb]



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INTERPRET PER ASME Y14.5M-1994 AND EMERSON DESIGN STANDARDS DS2002

DO NOT SCALE DRAWING

CRITICAL PRODUCT CHARACTERISTICS

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE MILLIMETER OR (INCH)

TOLERANCES:
1-PLACE ±
2-PLACE ±
ANGULAR ±

ECN303238	2	ADDED ZF54KQE - TFD/TF7-554	11-1-19	CC	ZH
ECN201363	1	UPDATE MODEL NUMBER	04-17-17	CC	LG
ECN201363	0	RELEASED	09-28-16	AZ	LG
ENG NOTICE NO.	REV. NO.	REVISIONS	DATE	BY	CHKD
15		CONFIDENTIALITY NOTICE			
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MATERIAL SPECIFICATION		DRAWN BY	SUPERSEDES DWG NO / REV NO		
N/A		AZ	497-1559-00 / 000		
TITLE		DATE	SCALE	DATE FORMAT: MM-DD-YY	
REF DWG-WELD COMP ASSM		09-28-16	3:8	MM-DD-YY	
			DRAWING NUMBER	SHEET 1 OF 1	DWG SIZE
			497-2930-00		4