

8	7	6	5	4	3	2	1		
PART NUMBER	MODEL NUMBER	A	B	C	D	E	F	G	H
497-0297-00	ZFD13KVE* ZFD18KVE*	481.0 (18.94)	463.0 (18.23)	412.1 (16.22)	340.9 (13.42)	296.7 (11.68)	233.2 (9.18)	79.5 (3.13)	47.5 (1.87)

SPECIFICATIONS	
ES NO.	DESCRIPTION
ES92-155	CONVERSION-METRIC

NOTES:

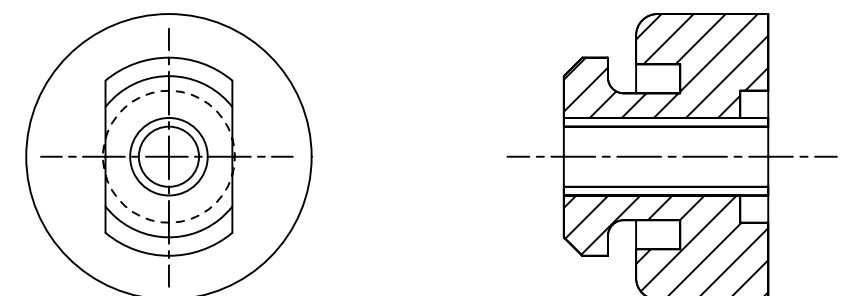
1 ALL TOLERANCES ± 1.50 (0.060)
UNLESS OTHERWISE SPECIFIED.

DUE TO ACCUMULATED ASSEMBLY TOLERANCES
THE LISTED COMPONENTS MAY VARY FROM
THE MOUNTING HOLES AS SHOWN BELOW:

- 12 SUCTION FITTING : ± 3.0 (0.12)
- 12 DISCHARGE FITTING : ± 3.0 (0.12)

- 2. TUBE ENDS MUST BE PLUGGED.
- 3. MOUNTING KIT:

GROMMET DUROMETER	4 FOOT KIT
35-45	527-0116-00



USE COPPER CONDUCTORS ONLY. USE MINIMUM 75° C WIRE FOR AMPACITY DETERMINATION. INTERNAL MOTOR PROTECTION - ALLOW TIME FOR RESET. OVERCURRENT PROTECTION DEVICE RATING AND TYPE MUST BE IN ACCORDANCE WITH REGULATORY AGENCY END PRODUCT APPROVALS-SEE SYSTEM NAMEPLATE. CRANKCASE HEATER, WHEN APPLIED, MUST BE CONNECTED ONLY TO ITS RATED VOLTAGE. TO CORRECT IMPROPER ROTATION OF THREE PHASE MODELS, SWITCH ANY TWO SUPPLY LINES. REFER TO THE APPLICABLE SYSTEM WIRING DIAGRAM.

005-1213-00
8-06

12 COMPRESSOR WIRING DIAGRAM

13 4 TORQUE T-BLOCK SCREWS TO 2.4-2.6 NM
(21-23 IN LBS)



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

DO NOT SCALE DRAWING

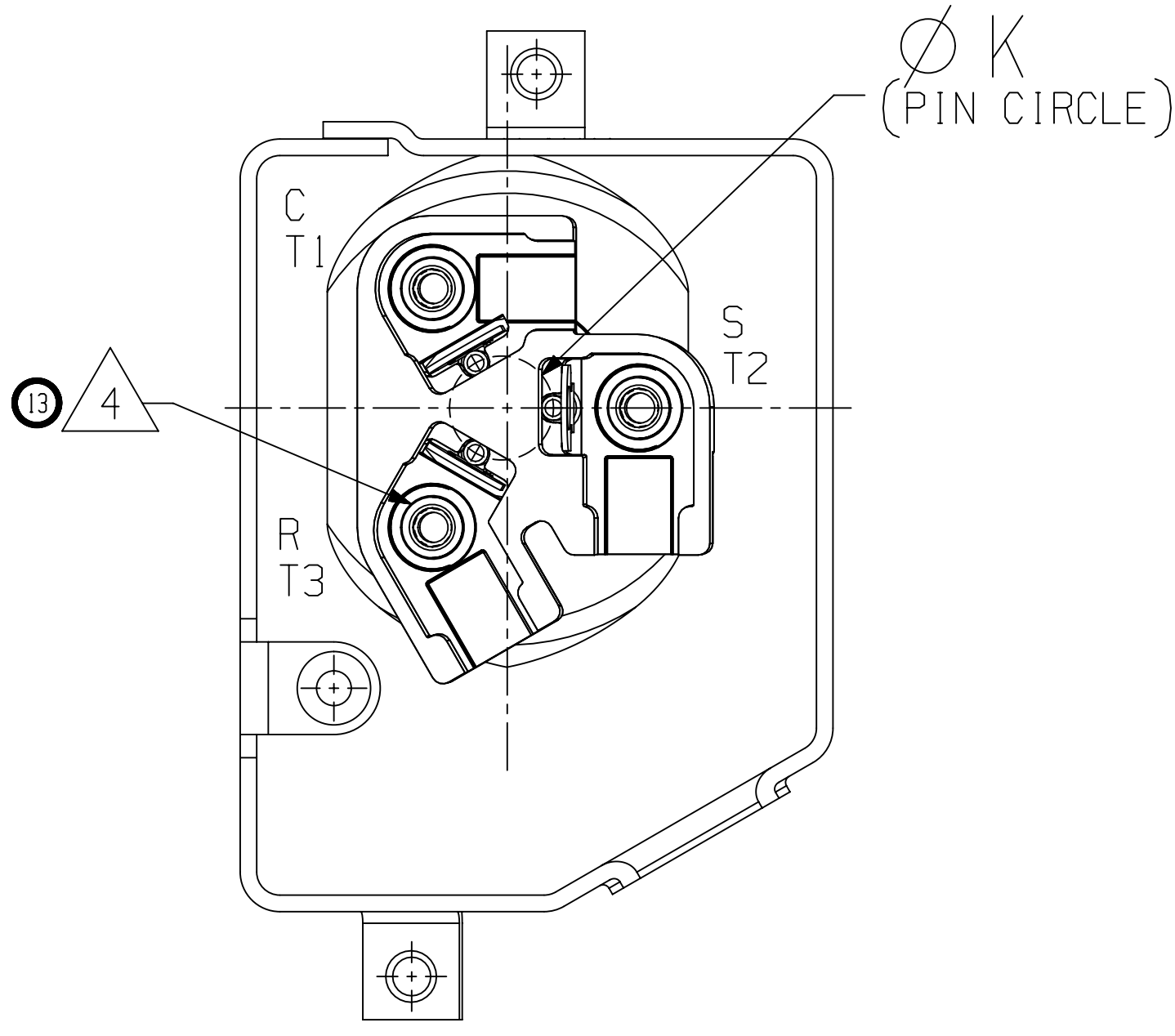
CRITICAL PRODUCT CHARACTERISTICS

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE MILLIMETER OR (INCH)

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

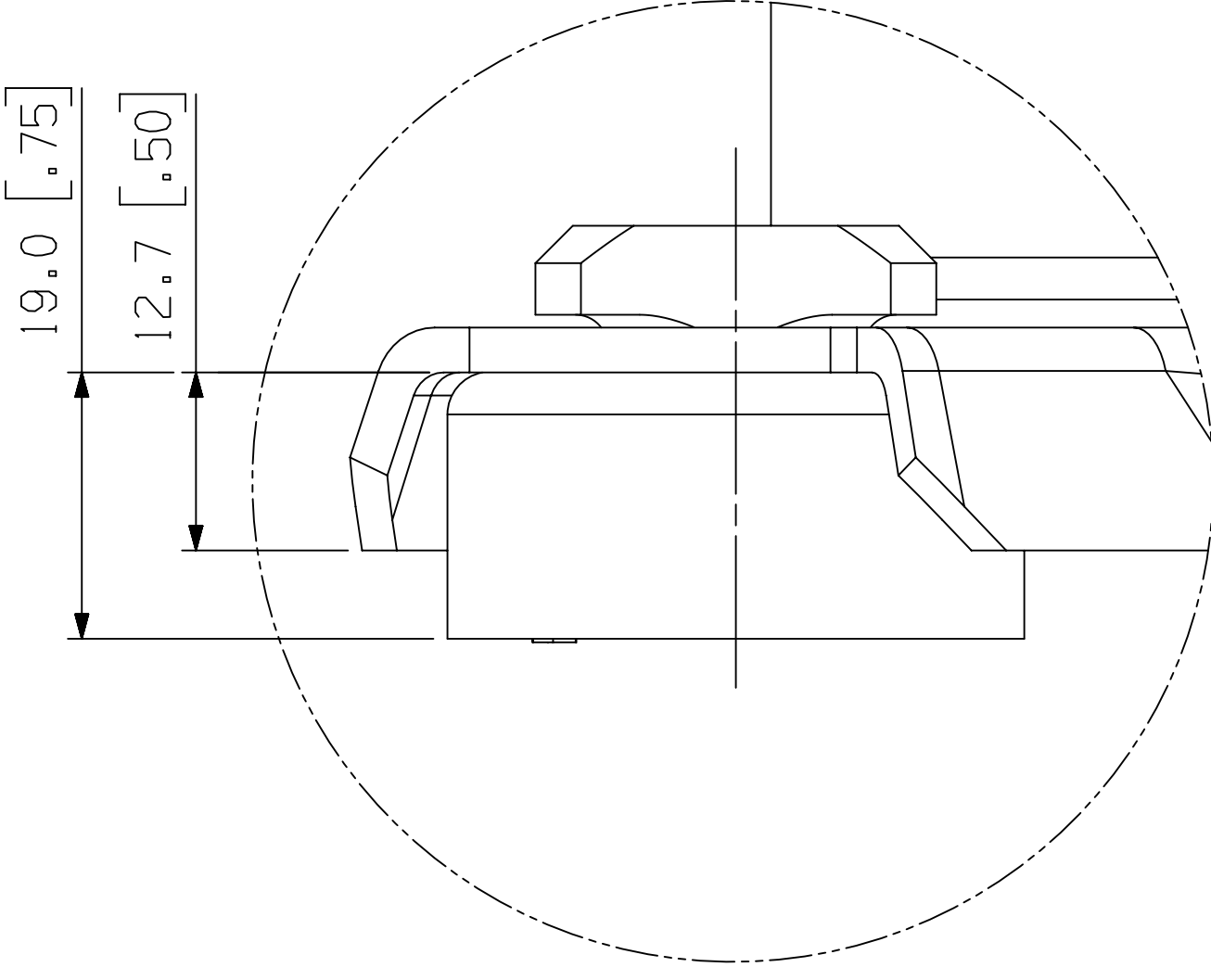
ECN321503	13	ADDED DELTA NOTE 4	08-29-22	SRP	AMN
ECN300410	12	REDRAWN WITH CHANGES	06-26-17	JSK	PR1
32-1099-063	0	RELEASED	MM-DD-YY	PMM	CHK
ENG NOTICE NO.	REV.NO.	REVISIONS	DATE	BY	CHKD
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MATERIAL SPECIFICATION		DRAWN BY	SUPERSEDES DWG NO / REV NO		
N/A		JSK	497-0297-00 / 011		
		DATE	SCALE	DATE FORMAT:	
		06-26-17	1:2	MM-DD-YY	
TITLE			DRAWING NUMBER	SHEET 1 OF 3 DWG	
REF DWG-WELD COMP ASSM			497-0297-00	4	
			SIZE		

MOTOR TYPE	Ø K PIN CIRCLE
TF5	13.46 [0.529]
TFD TF7 TFE	17.45 [0.687]

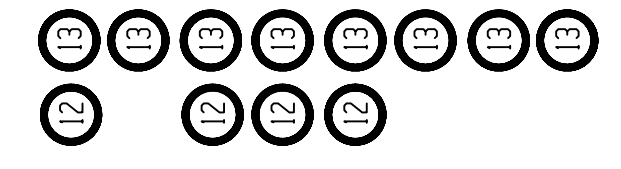
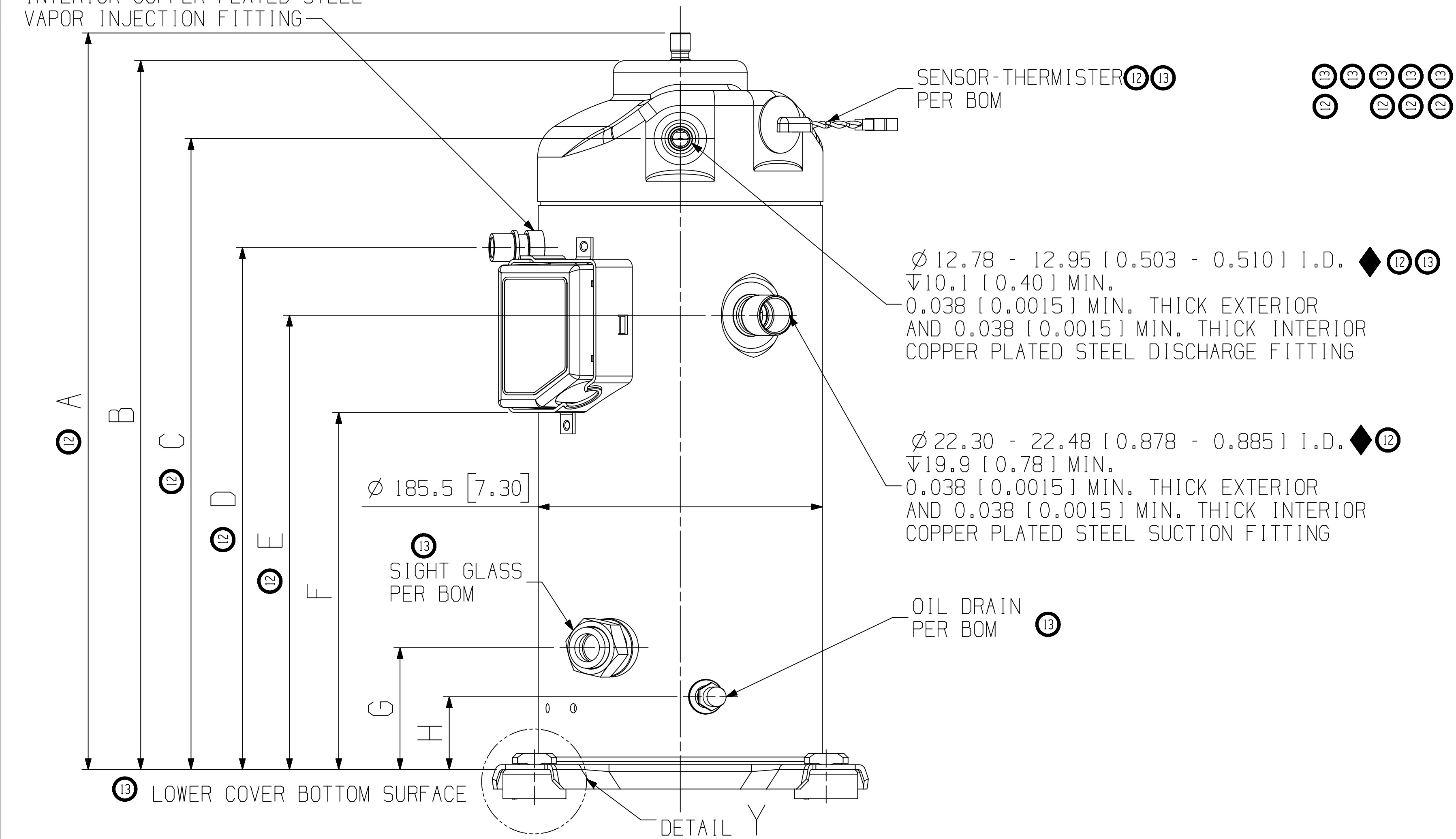
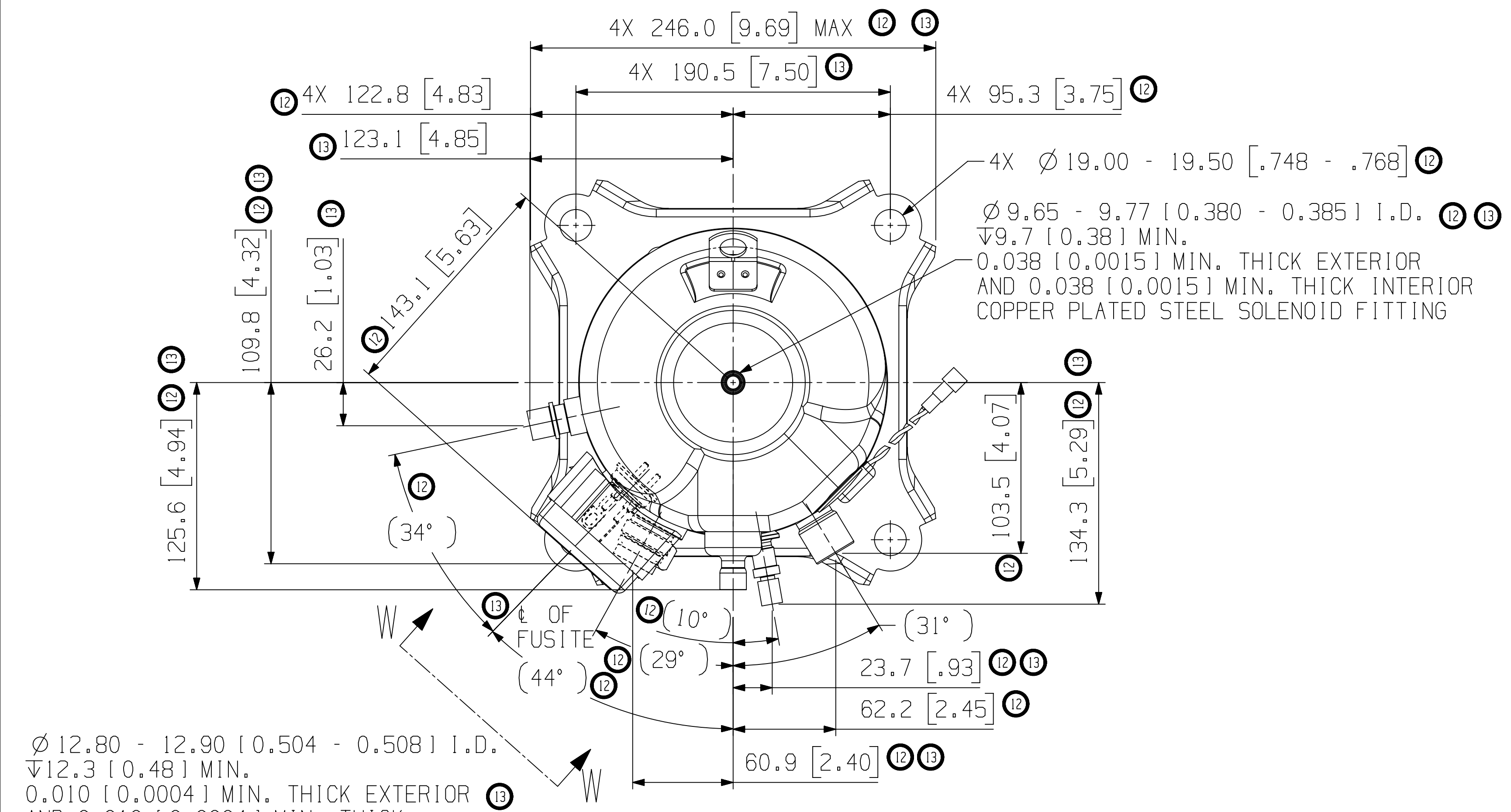


TERMINAL BOX LAYOUT OPTIONS
TERMINAL BOX COVER NOT SHOWN

VIEW W - W
SCALE 5:4



DETAIL Y
SCALE 2:1



EMERSON
Copeland

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

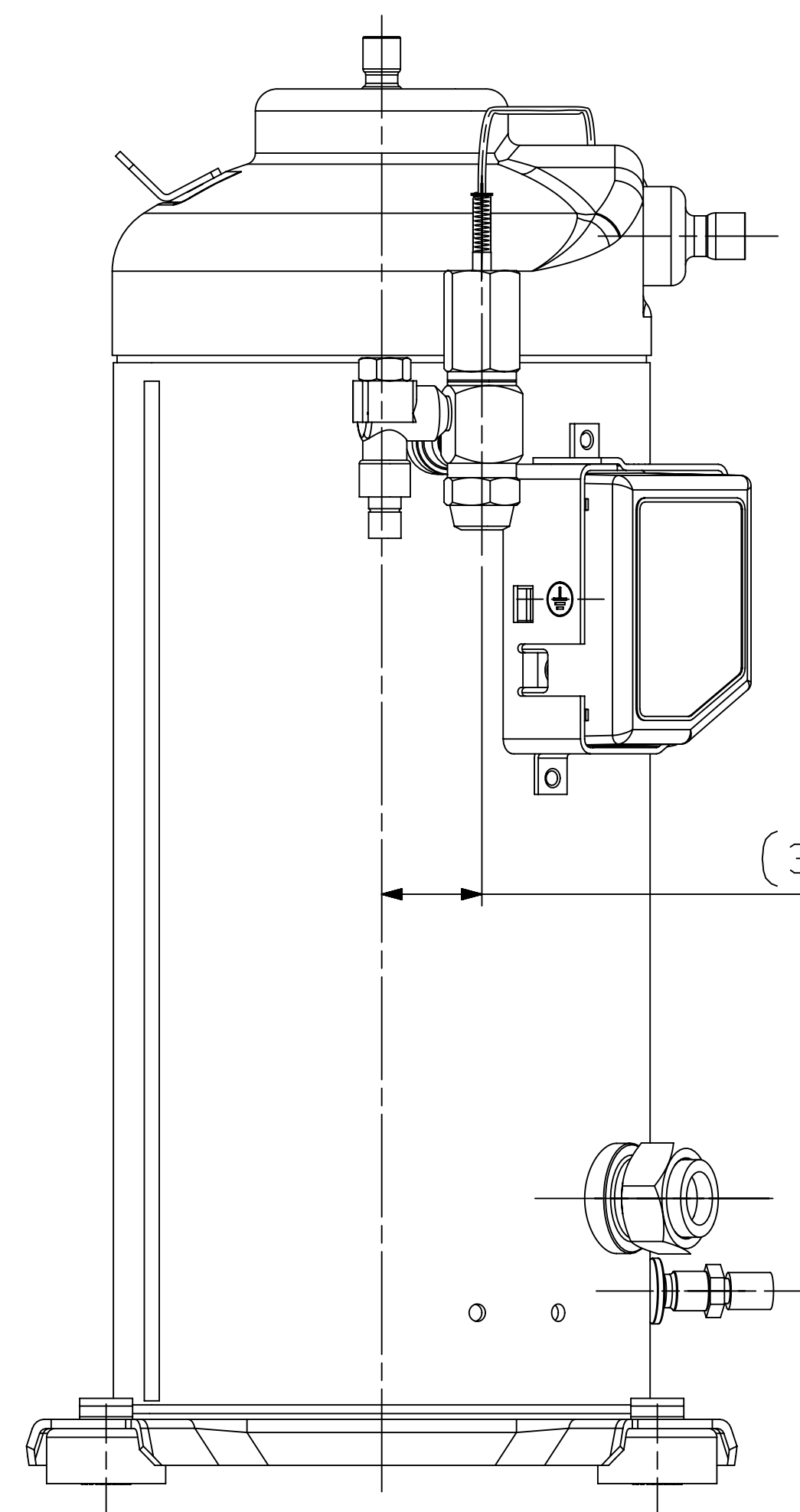
DO NOT SCALE DRAWING

CRITICAL PRODUCT CHARACTERISTICS

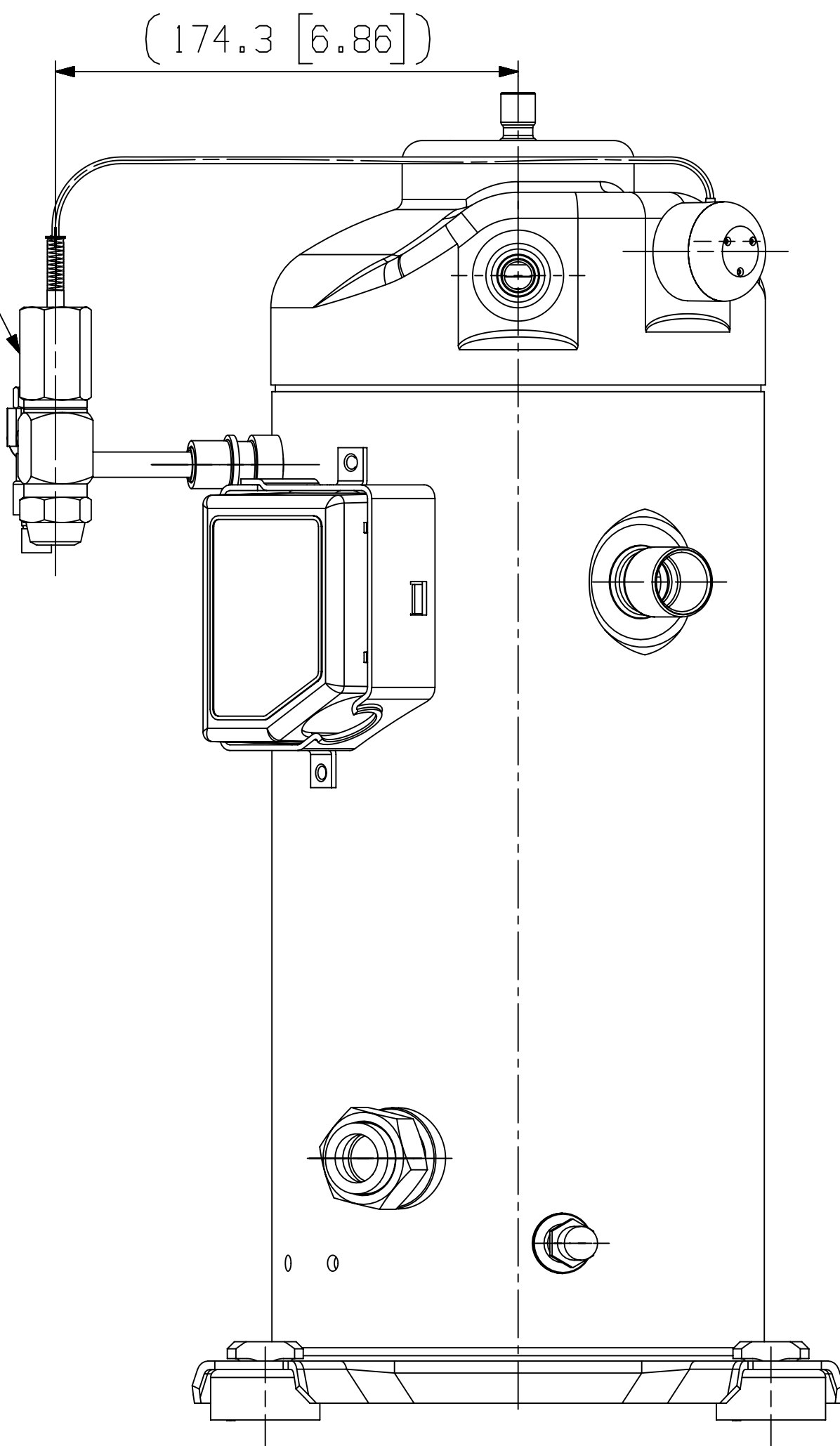
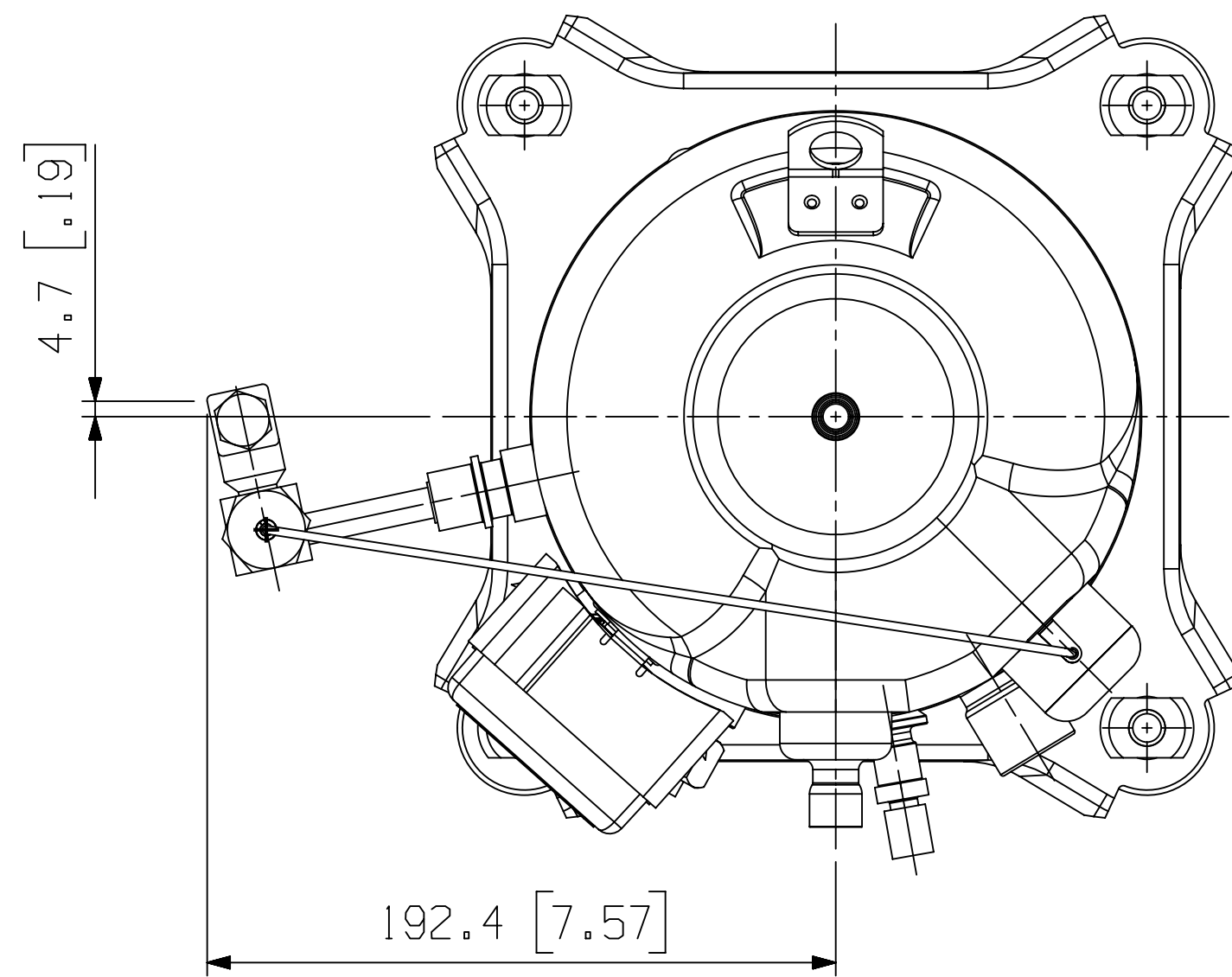
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE MILLIMETER OR (INCH)

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

ECN321503	13	UPDATED DIMENSIONS	08-29-22	SRP	AMN
ECN300410	12	REDRAWN WITH CHANGES	06-26-17	JSK	PR1
32-1099-063	0	RELEASED	MM-DD-YY	PMM	CHK
ENG NOTICE NO.	REV.NO.	REVISIONS	DATE	BY	CHKD
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MATERIAL SPECIFICATION		DRAWN BY	SUPERSEDES DWG NO /	REV NO	
N/A		JSK	497-0297-00 /	011	
		DATE	SCALE	DATE FORMAT:	
		06-26-17	1:2	MM-DD-YY	
TITLE			DRAWING NUMBER	SHEET 2 OF 3 DWG	
REF DWG-WELD COMP ASSM			497-0297-00	4	
			SIZE		



DISCHARGE TEMPERATURE CONTROL VALVE (DTC) PER BOM



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 : $\triangle 1$

ECN321503	13	SHEET ADDED	08-29-22	SRP	AMN
32-1099-063	0	RELEASED	MM-DD-YY	PMM	CHK
ENG NOTICE NO.	REV. NO.	REVISIONS	DATE	BY	CHKD
CONFIDENTIALITY NOTICE					
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MATERIAL SPECIFICATION		DRAWN BY	SUPERSEDES DWG NO / REV NO		
N/A		JSK	497-0297-00 / 011		
		DATE	SCALE	DATE FORMAT:	
		06-26-17	1:2	MM-DD-YY	
TITLE			DRAWING NUMBER	SHEET 3 OF 3 DWG	
REF DWG-WELD COMP ASSM			497-0297-00	4	
			SIZE		