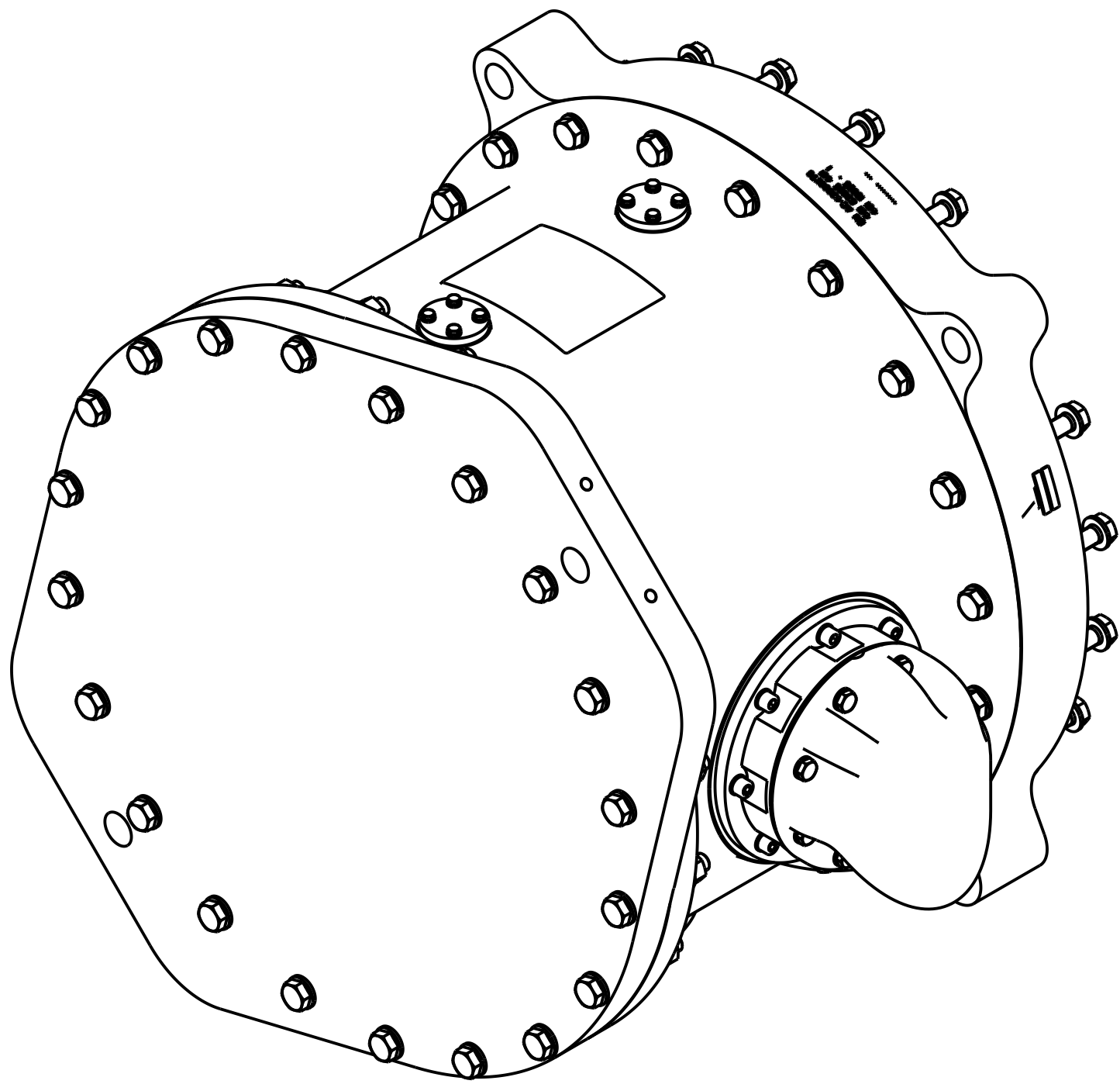
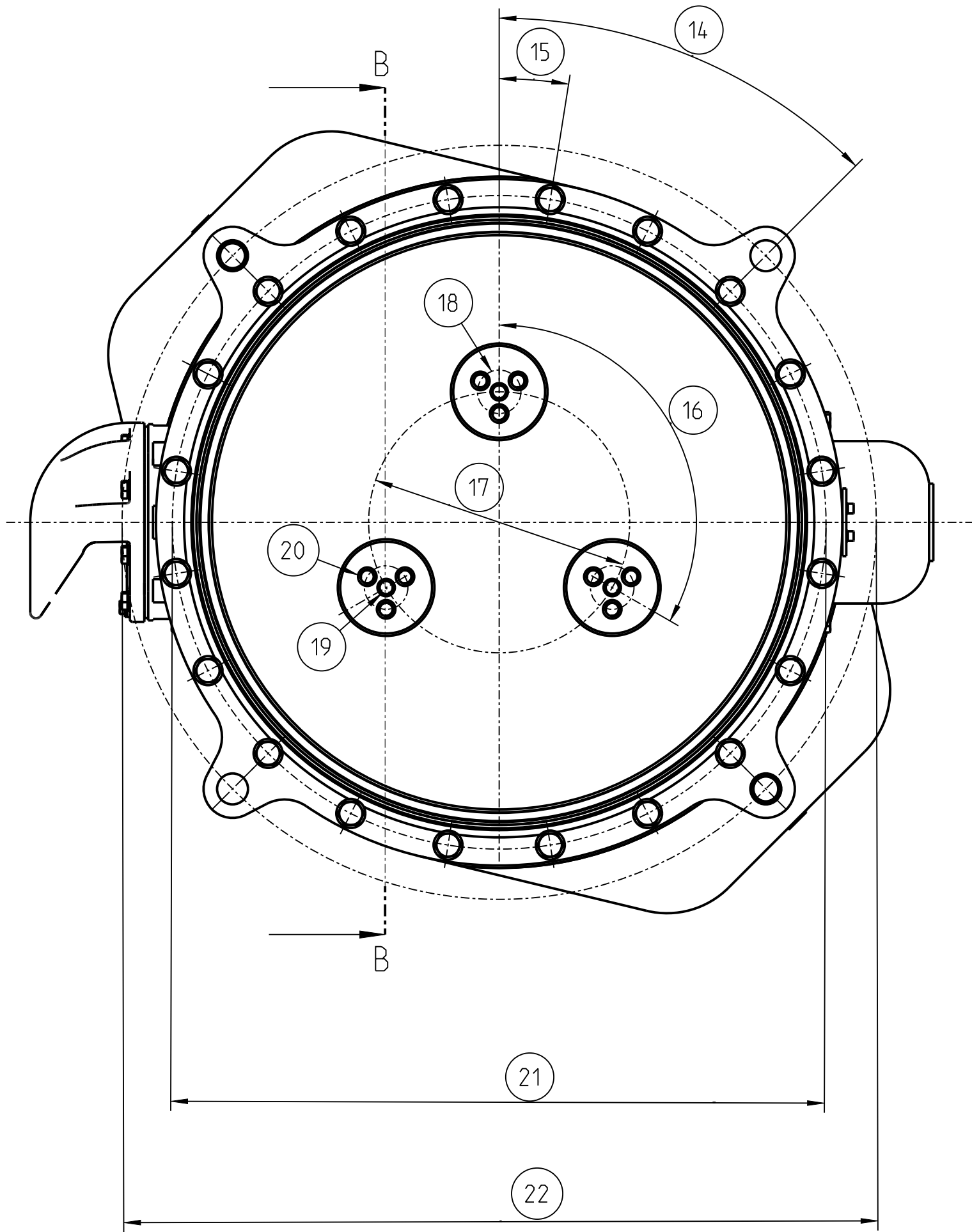
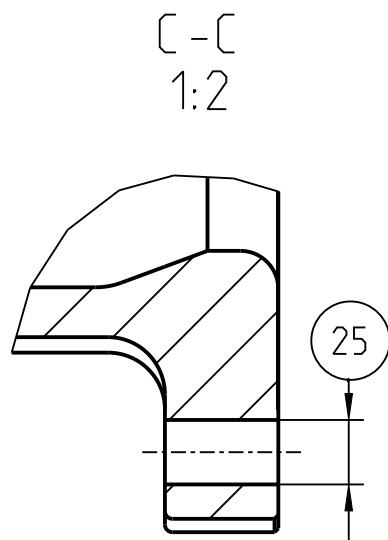
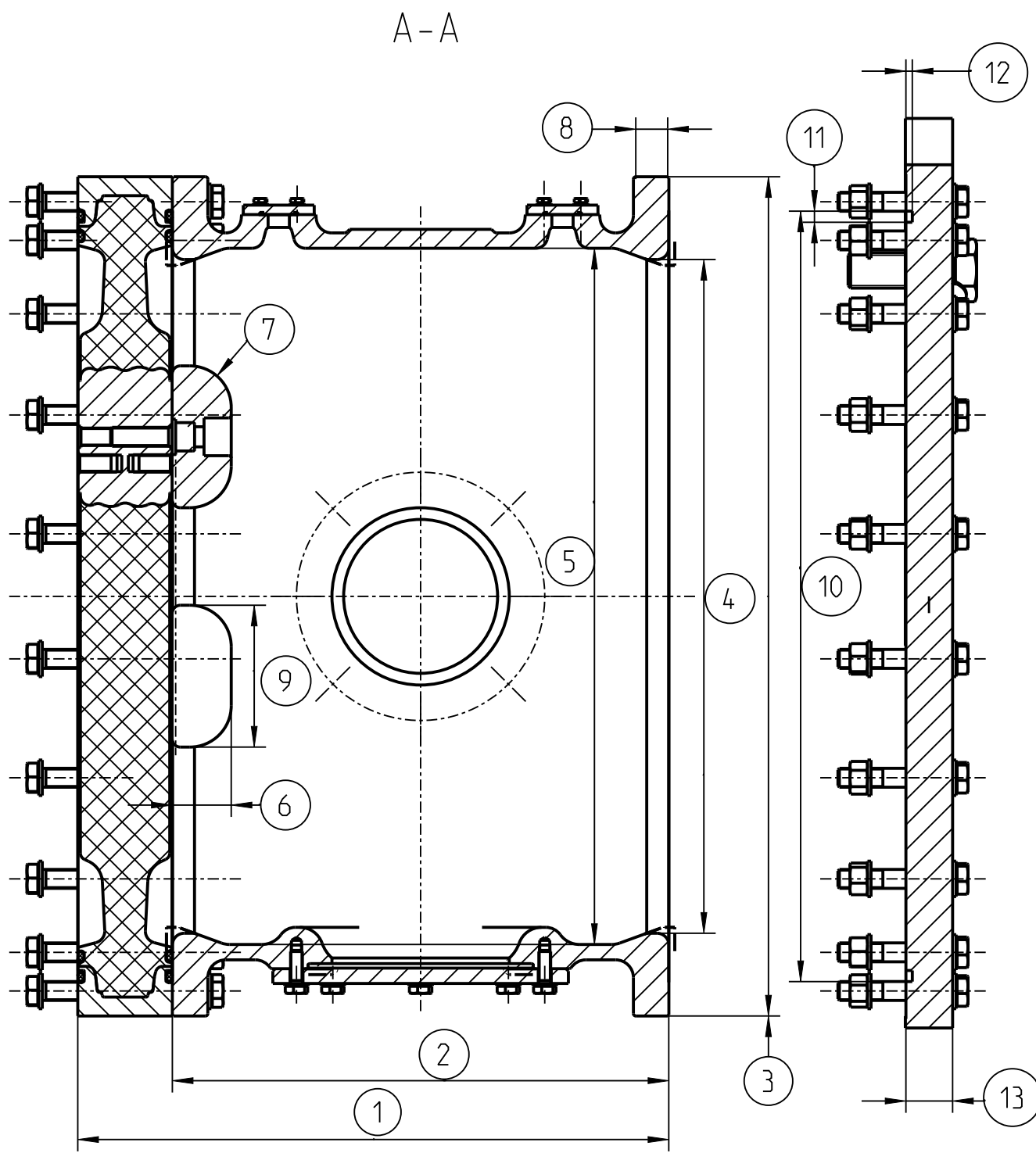
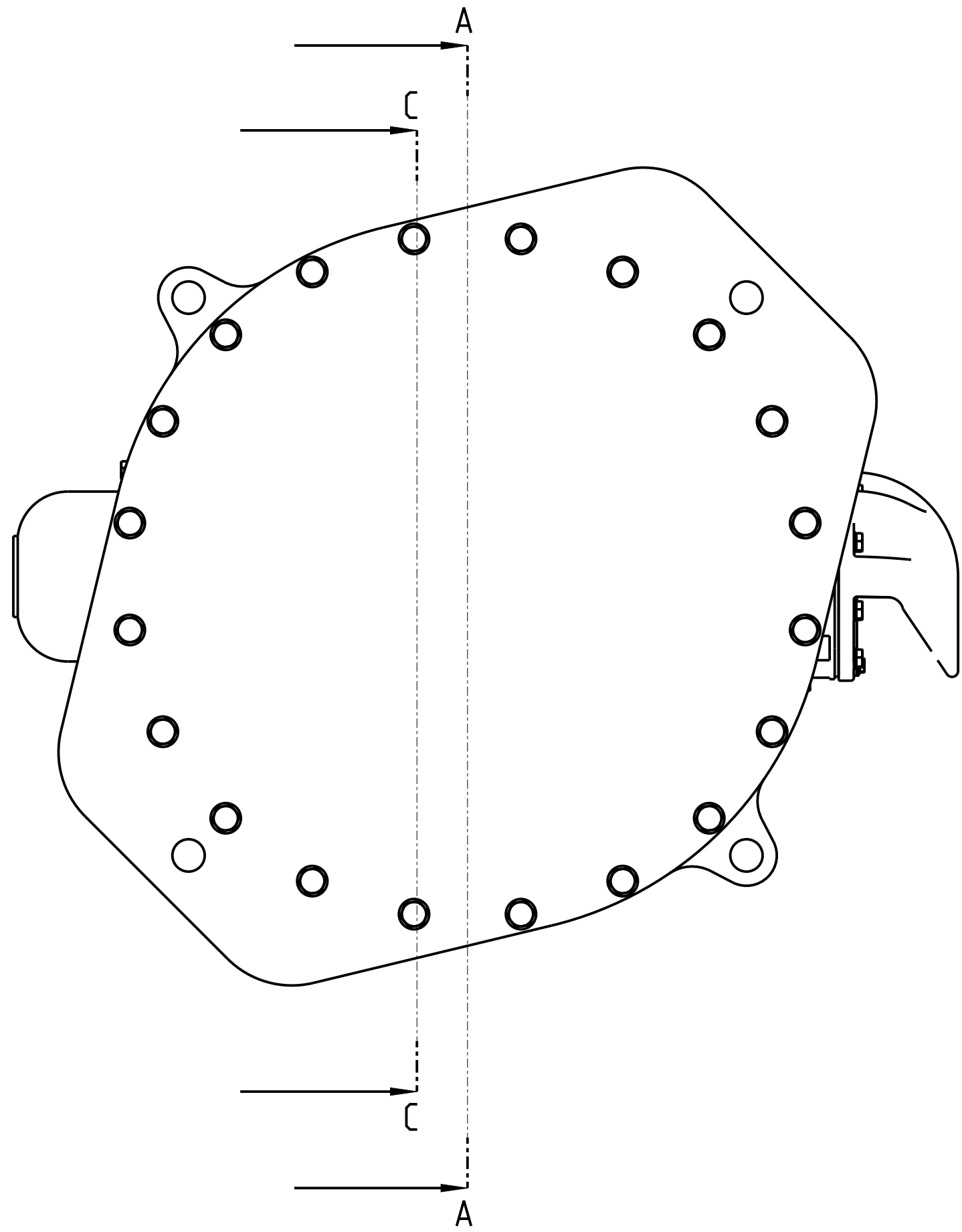
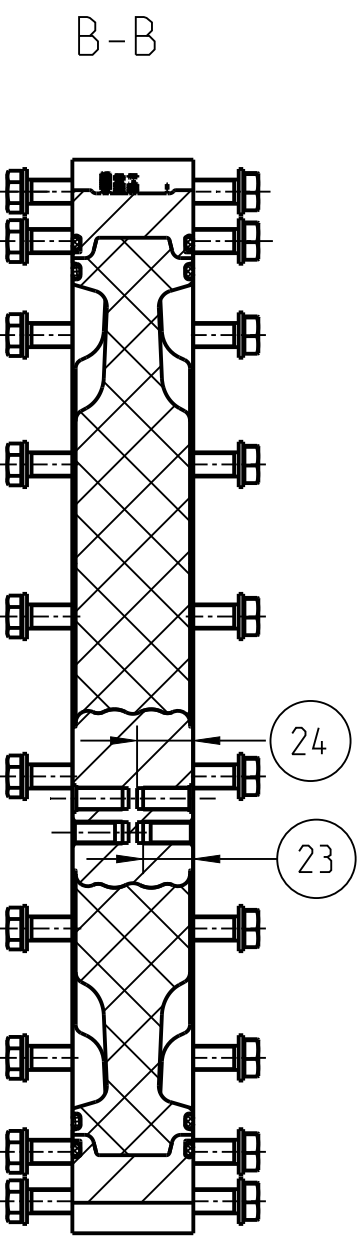


DIMENSION FOR EXTENSION

CONDUCTOR MOUTING DETAILS

HOUSING MOUTING DETAILS

END COVER MOUTING DETAILS



Dimension details		
Baloon No.	Description	Dimension (mm)
1	overall length	540
2	housing length	420
3	Flange outer dia	710
4	flange inner dia	570
5	housing inner dia	589
6	conductor step dimension	52
7	conductor radius	R40
8	flange thickness	30
9	End Screening outer dia.	120
10	oring groove outer dia	651.8
11	oring groove width	9.4
12	oring groove depth	5.4
13	flat cover thickness	40
14	housing mounting hole angle	45°
15	housing mounting hole angle	9°
16	conductor angle	120°
17	conductor PCD	270
18	conductor mounting PCD	45
19	Thread M16	M16
20	Thread M12	M12
21	housing mounting hole PCD	676
22	bushing mounting PCD	710
23	Thread depth (min.)	33
24	Thread depth (max.)	37
25	housing mounting hole dia	18

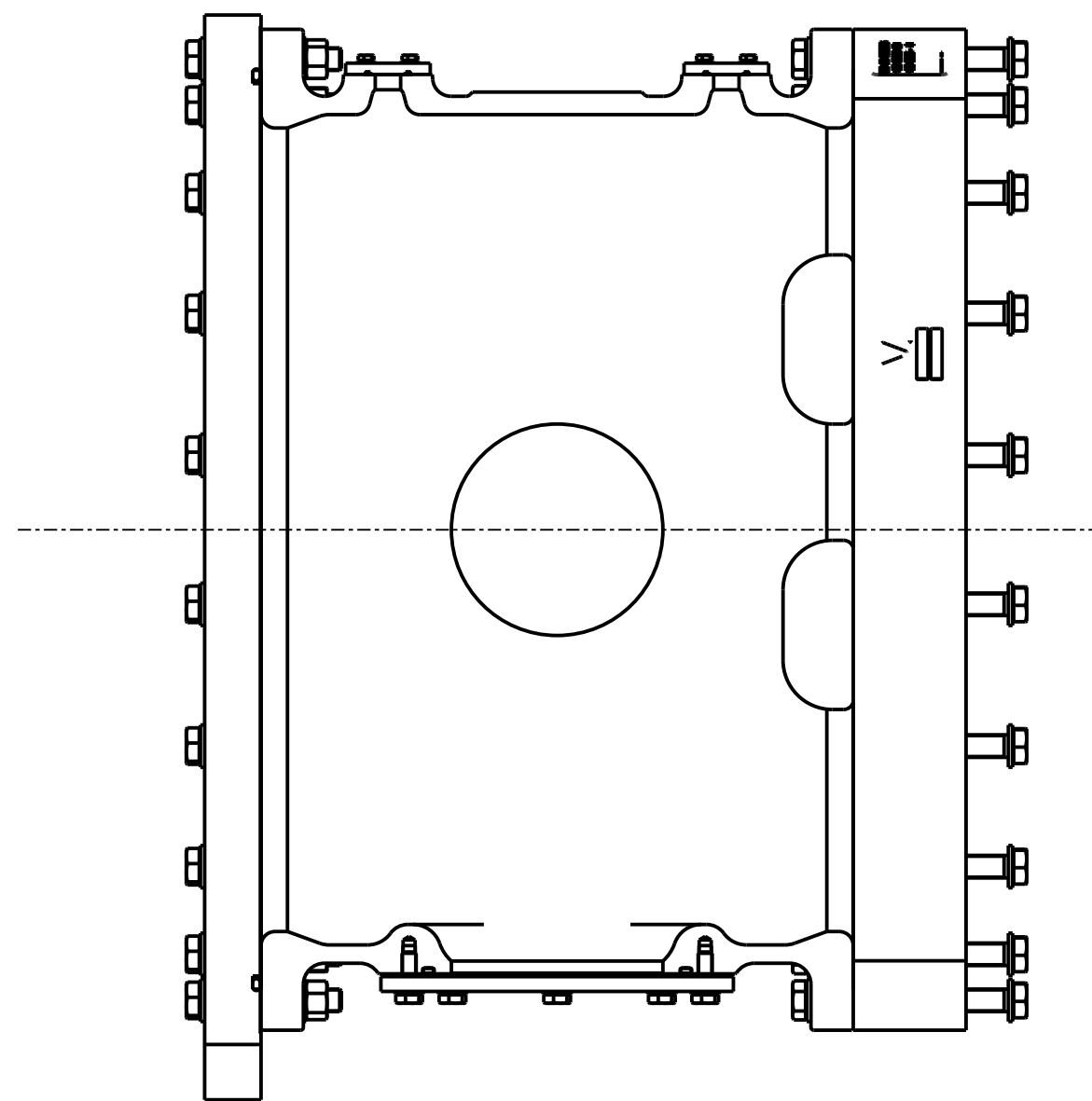
Sr No.	Description	Details
1	Material of Enclosure	Aluminum Alloy
2	Design pressure of enclosure (rel.)	8.5 bar
3	Type of enclosure	Casted
4	Material of O-ring	EPDM

Gas pressure details (at 20°C)		
Sr.No.	Description	in bar (rel.)
1	Rated filling pressure	6.1
2	Alarm pressure	5.7
3	Minimum funtional pressure	5.5

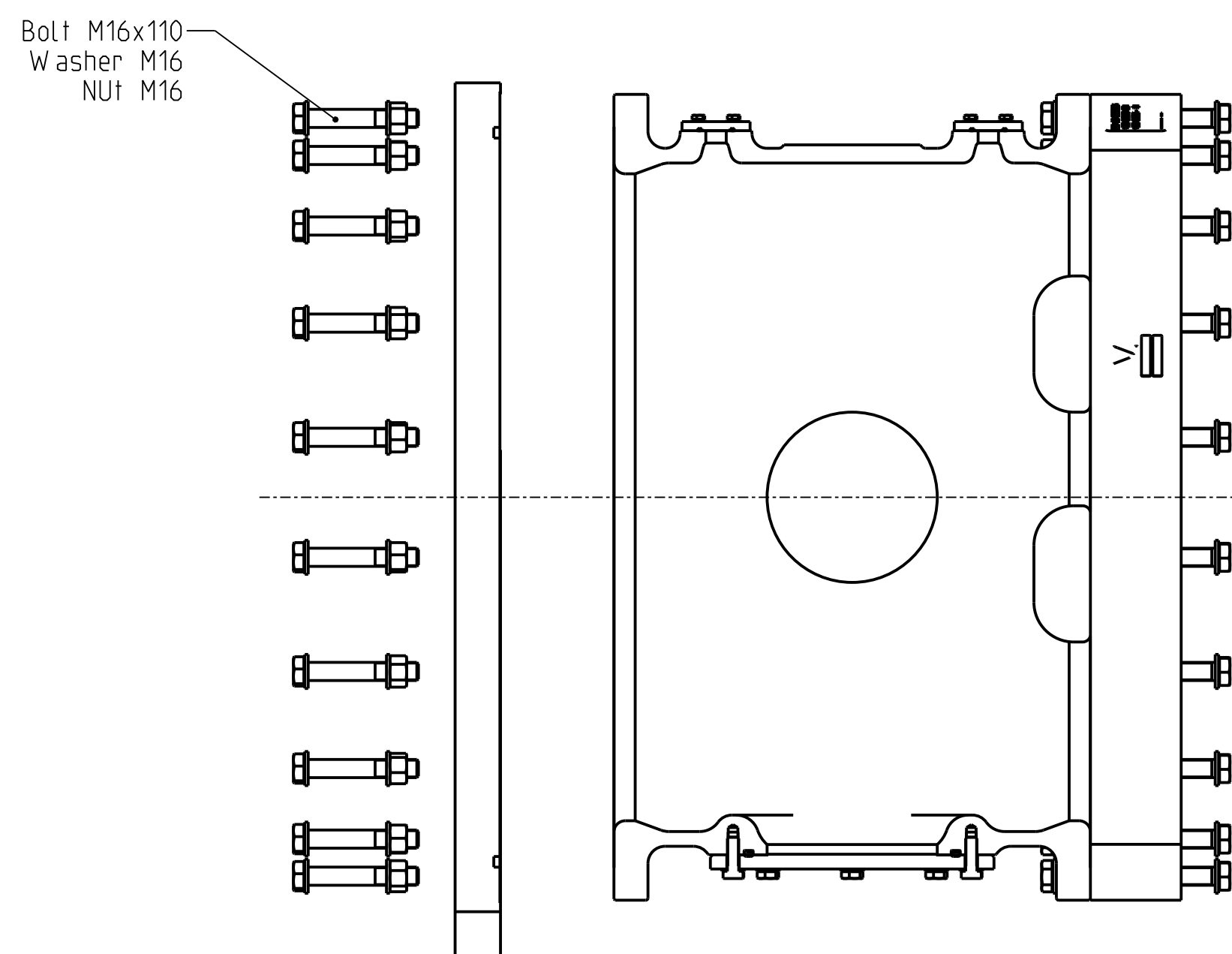
		2			
		1			
Version no.		Designation		Unit	Item no.
Index		Remark		Format and type	Article no.
				Date	
				-	
				-	
				Scale in Original	15
				Surface	Creo
				First issue	
				Date	05.08.2026
				Modified by	More
				Checked	
				Expert	
				Planner	
				Standard	
				SE GP T SP R&D	
				ftype	8DN9
				type	
				1HG	714-05022
				Format / type	Product no. / Serial no.
				Replacement for	Superseded by
				1 / 2	Sheet
				Index	

FUTURE EXTENSION PROCEDURE

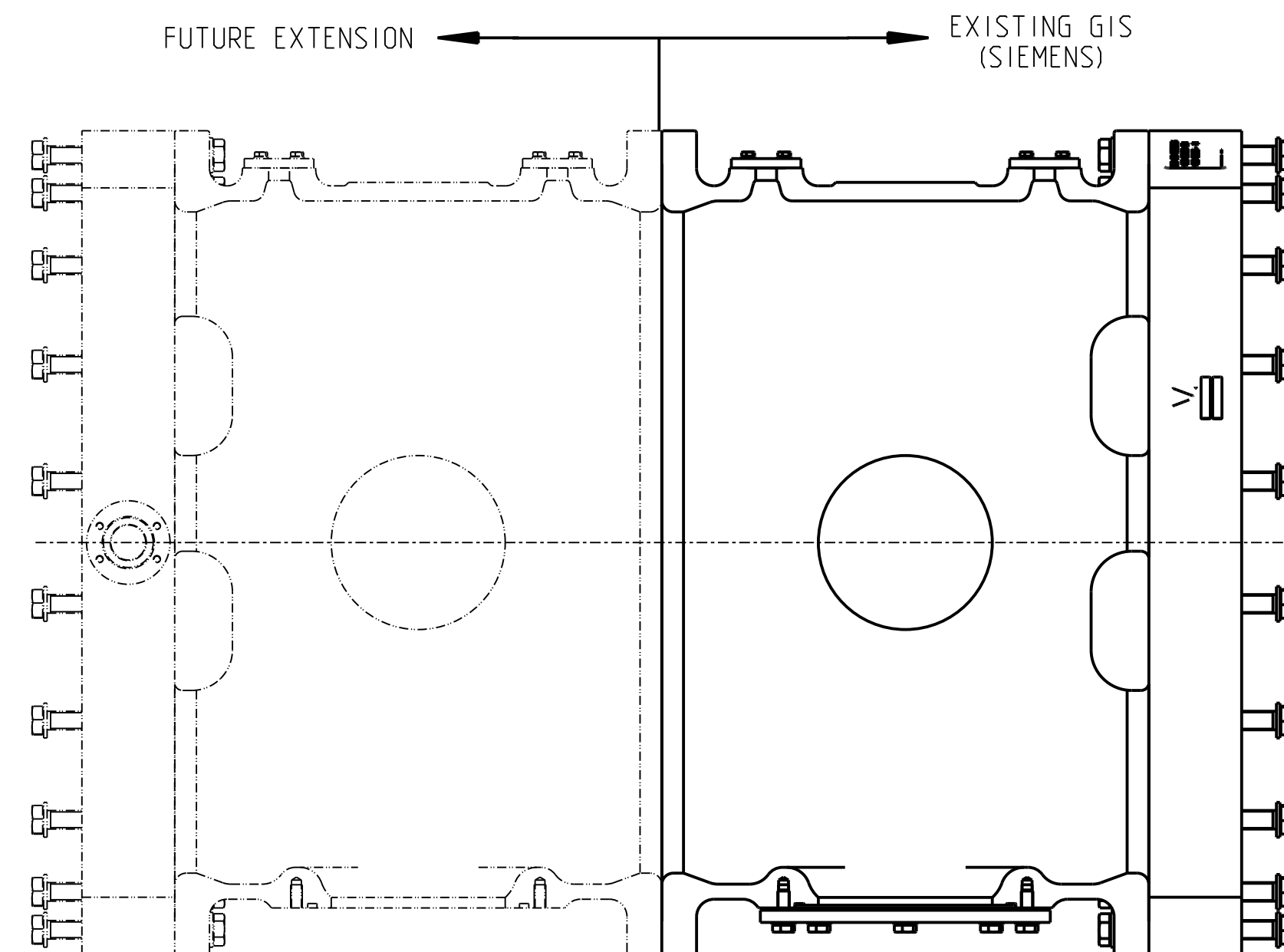
1. NORMAL CONDITION



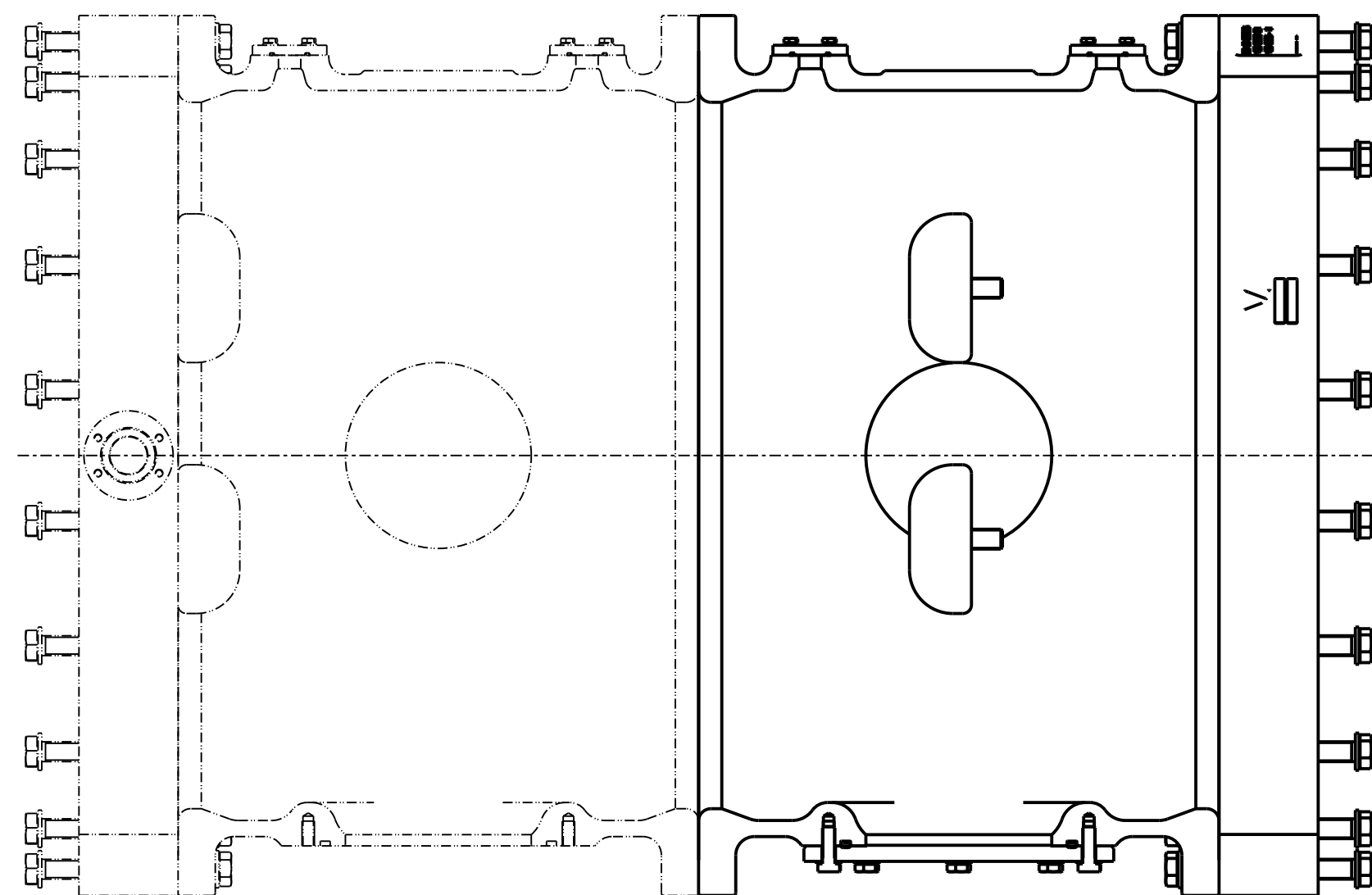
2. REMOVE BOLT, NUT AND COVER



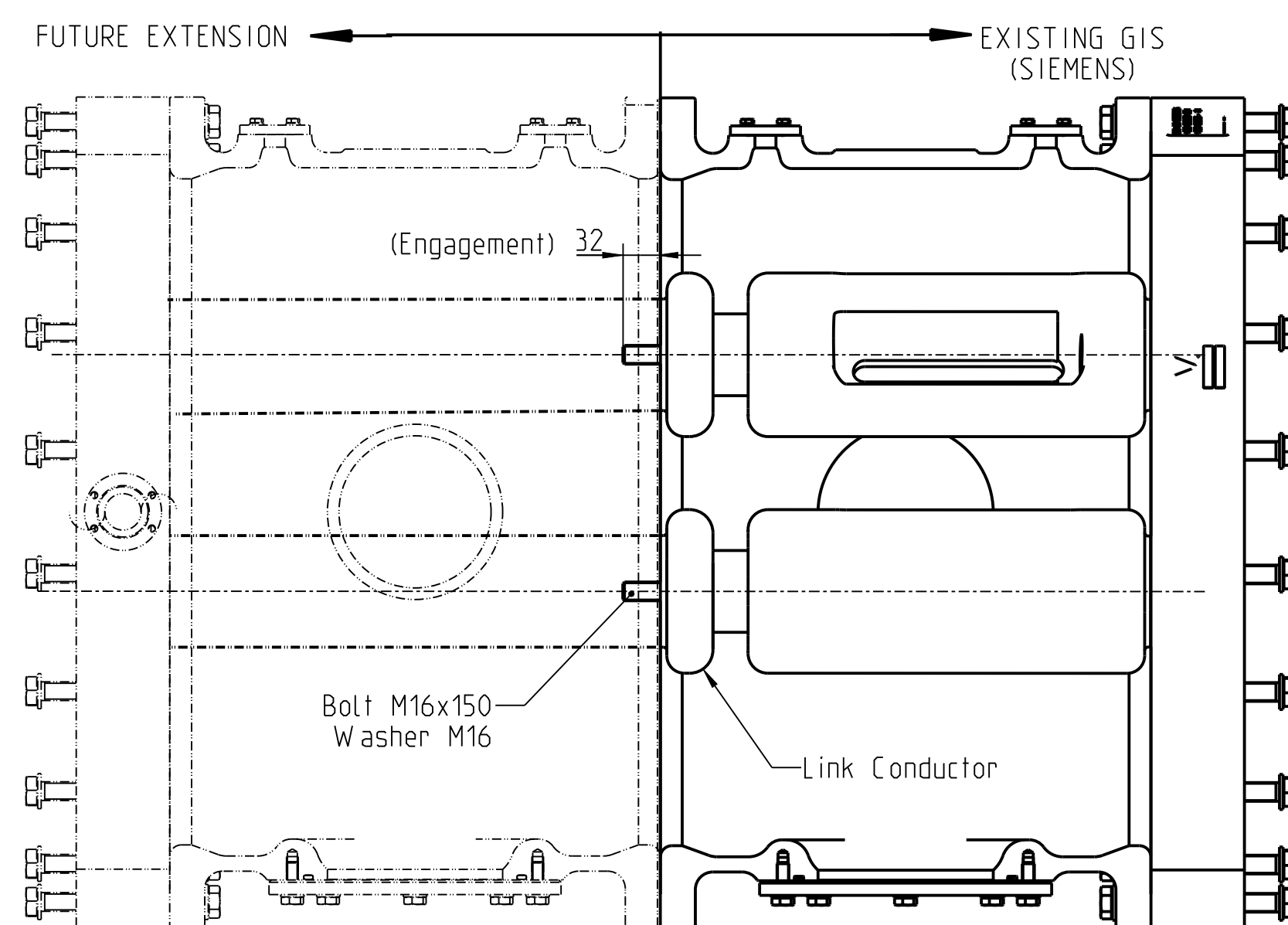
3. HIGH VOLTAGE TEST CONFIGURATION



4. REMOVE SHIELD

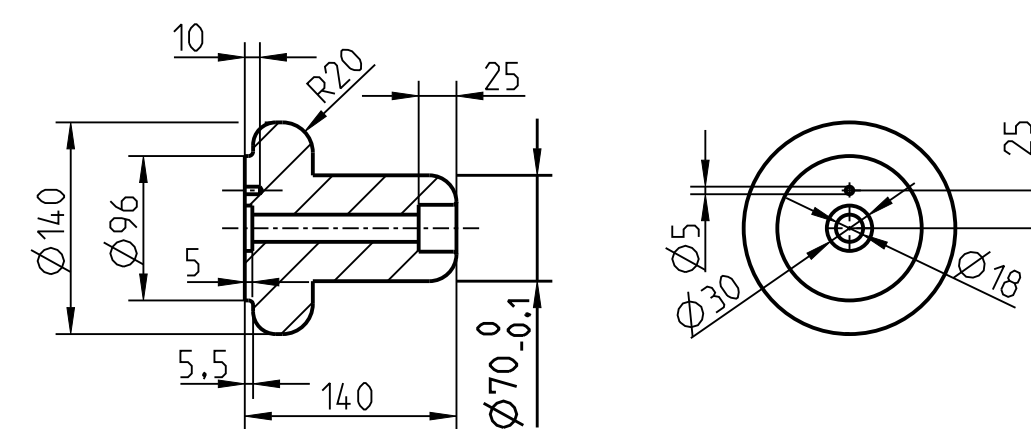


5. INSTALL LINK CONDUCTOR AND EXTEND GIS



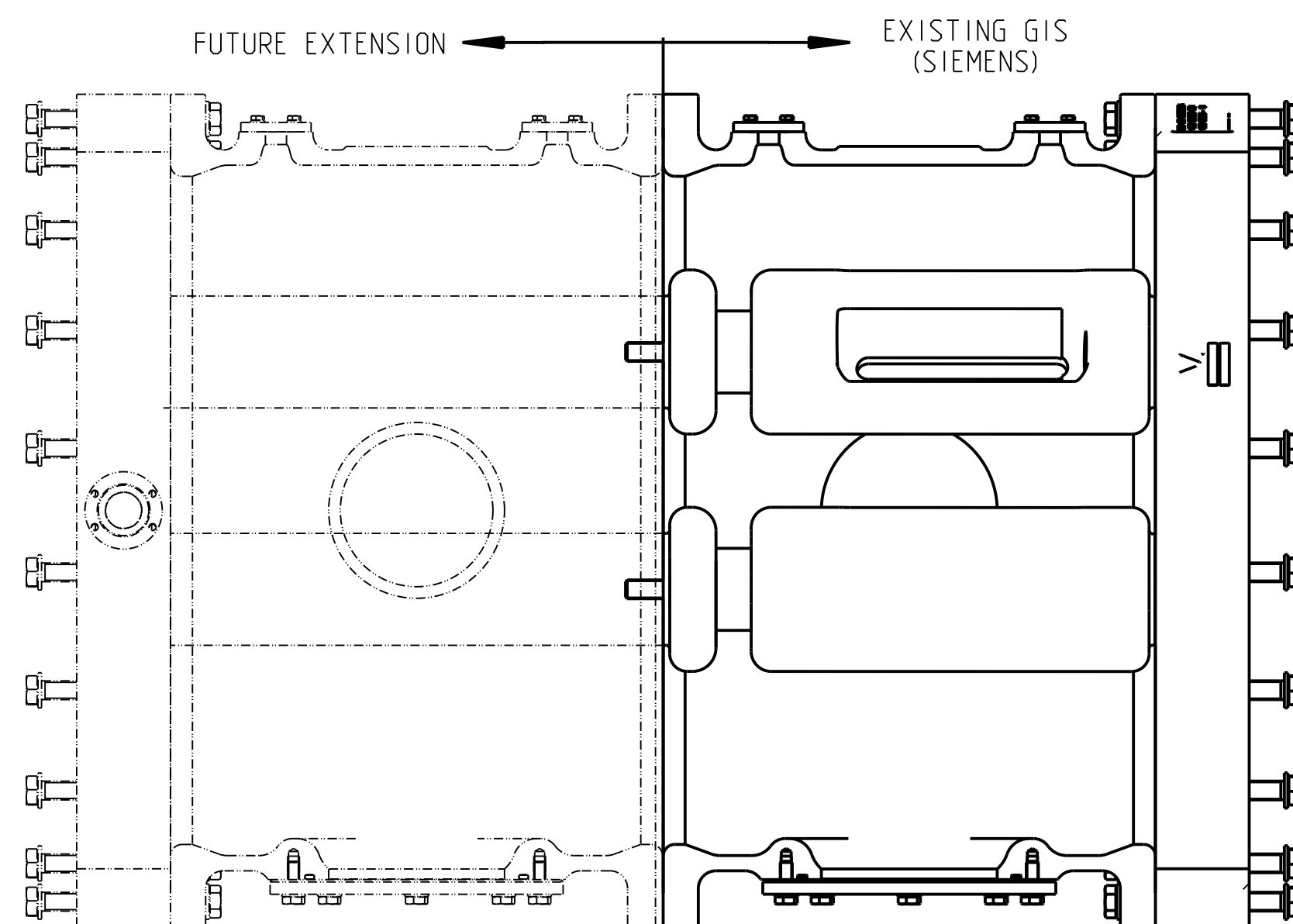
Link Conductor Details

Link Conductor material :- Aluminum All
Surface treatment :- Silver plating



Note: Dotted portion is for representation only and will be in future GIS manufacturer scope

6. FUTURE EXTENSION



Weitergabe sowie Vervielfältigung, Verbreitung und/oder Bearbeitung dieses Dokumentes, Vervielfältigung und Verbreitung sind verboten, soweit nicht ausdrücklich andersweitend vereinbart wurde. Alle Rechte für den Fall der Patentierung, Gebrauchsmuster- oder Geschmacksmustererhebung vorbehalten. Siemens Energy ist eine durch die Siemens AG lizenzierte Marke.

Transmittal, reproduction, dissemination and/or editing of this document as well as utilization of its contents for communication thereof to others without express authorization are prohibited. Offenders will be held liable for payment of damages. All rights created by patent grant or registration of a utility model or design patent are reserved. Siemens Energy is a trademark licensed by Siemens AG.

[illegible]