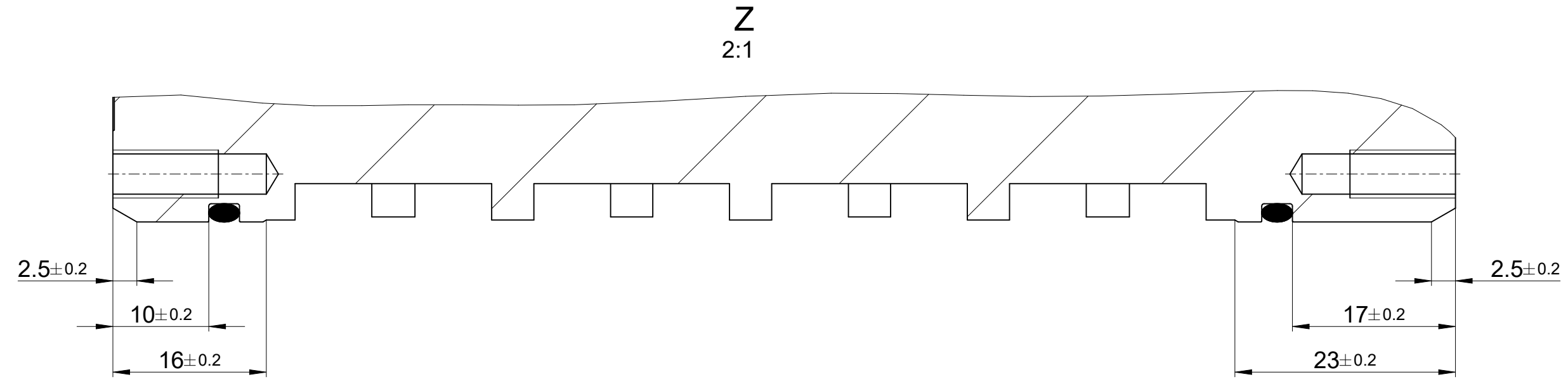
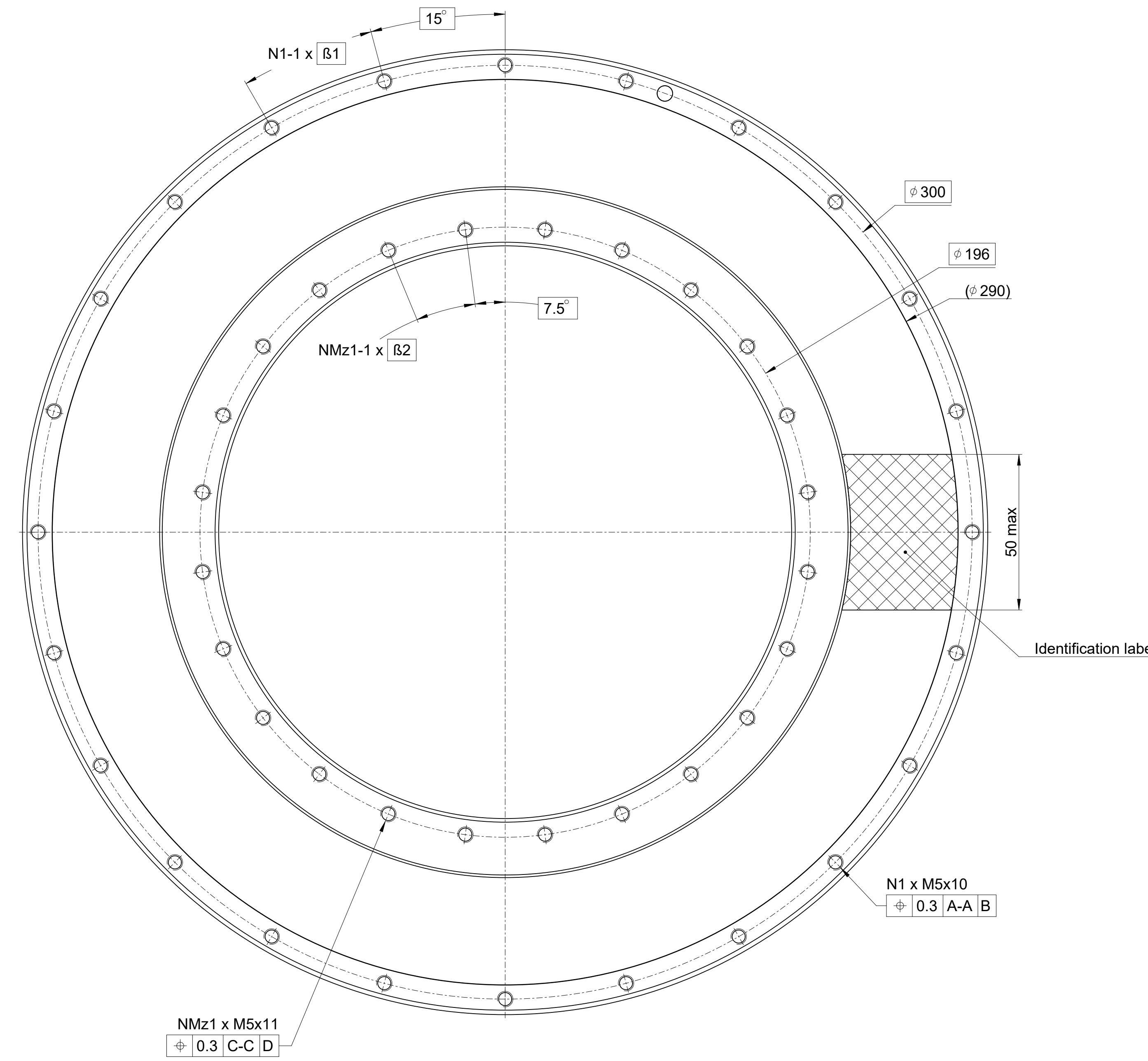
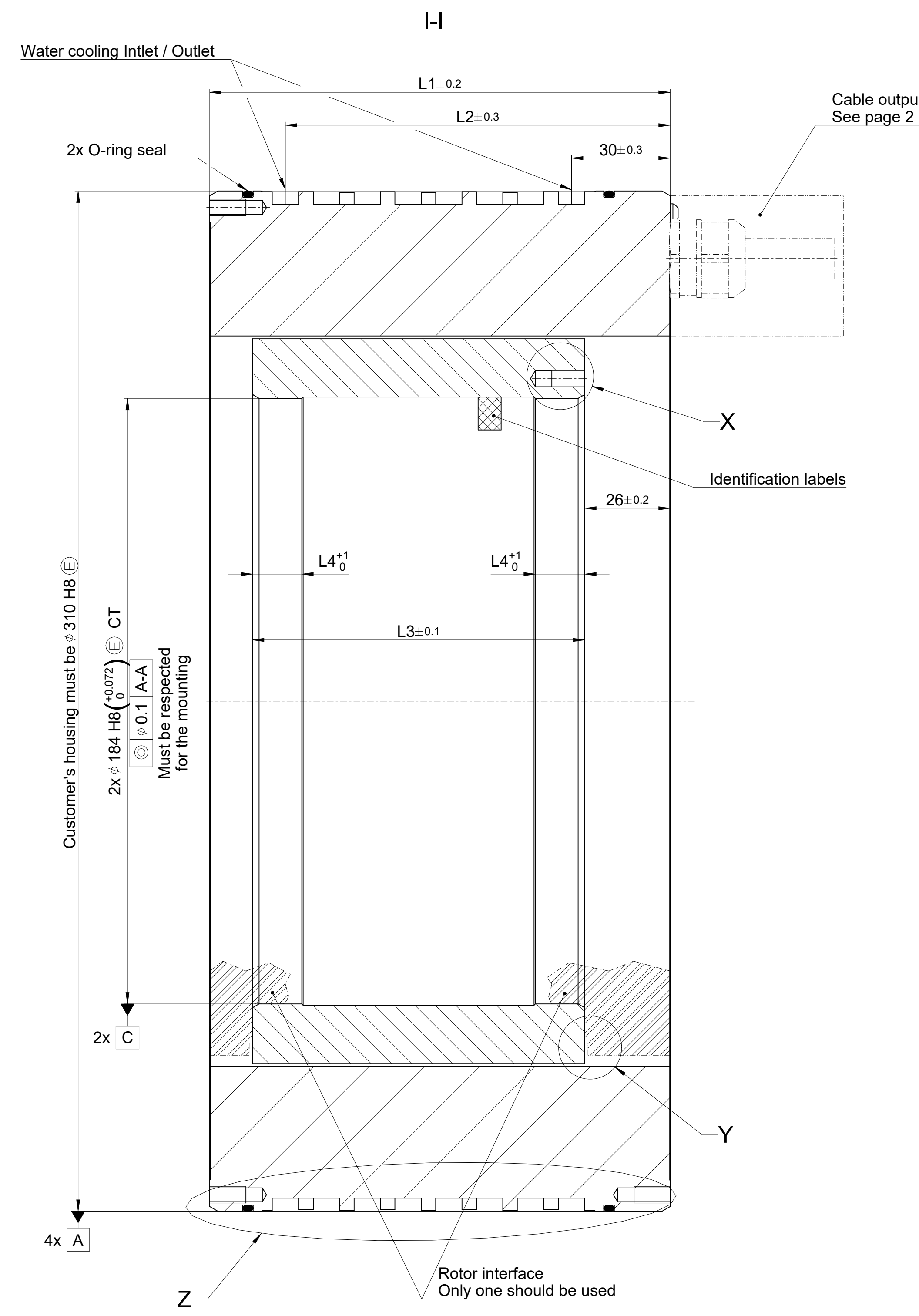
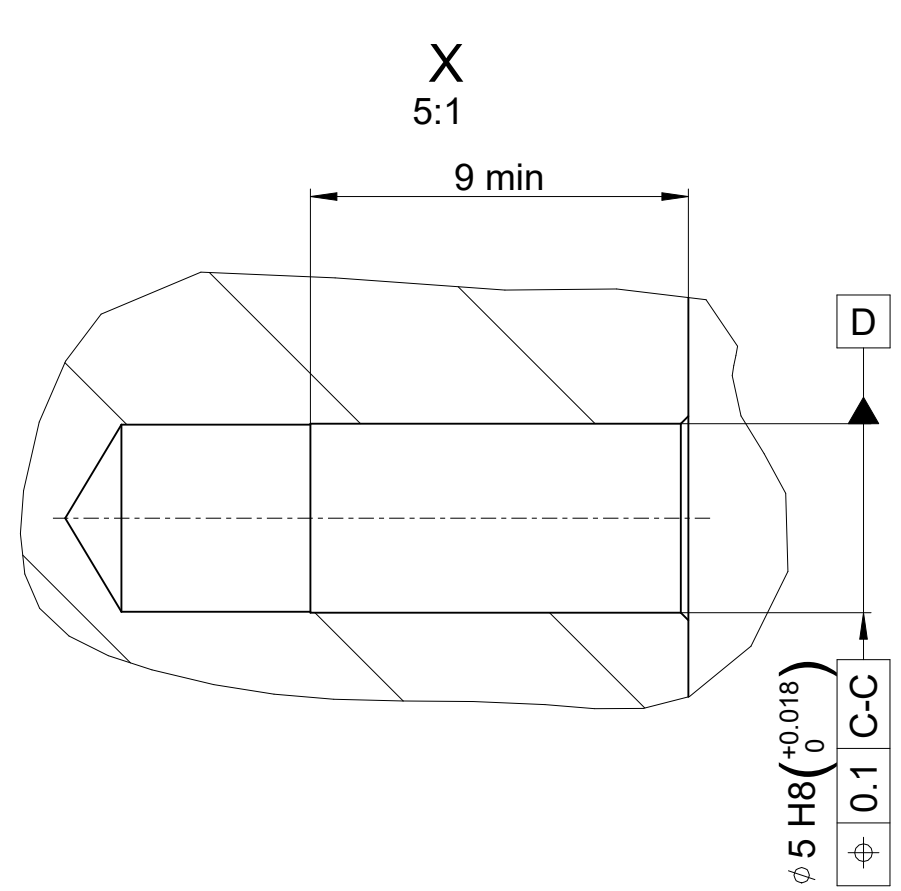
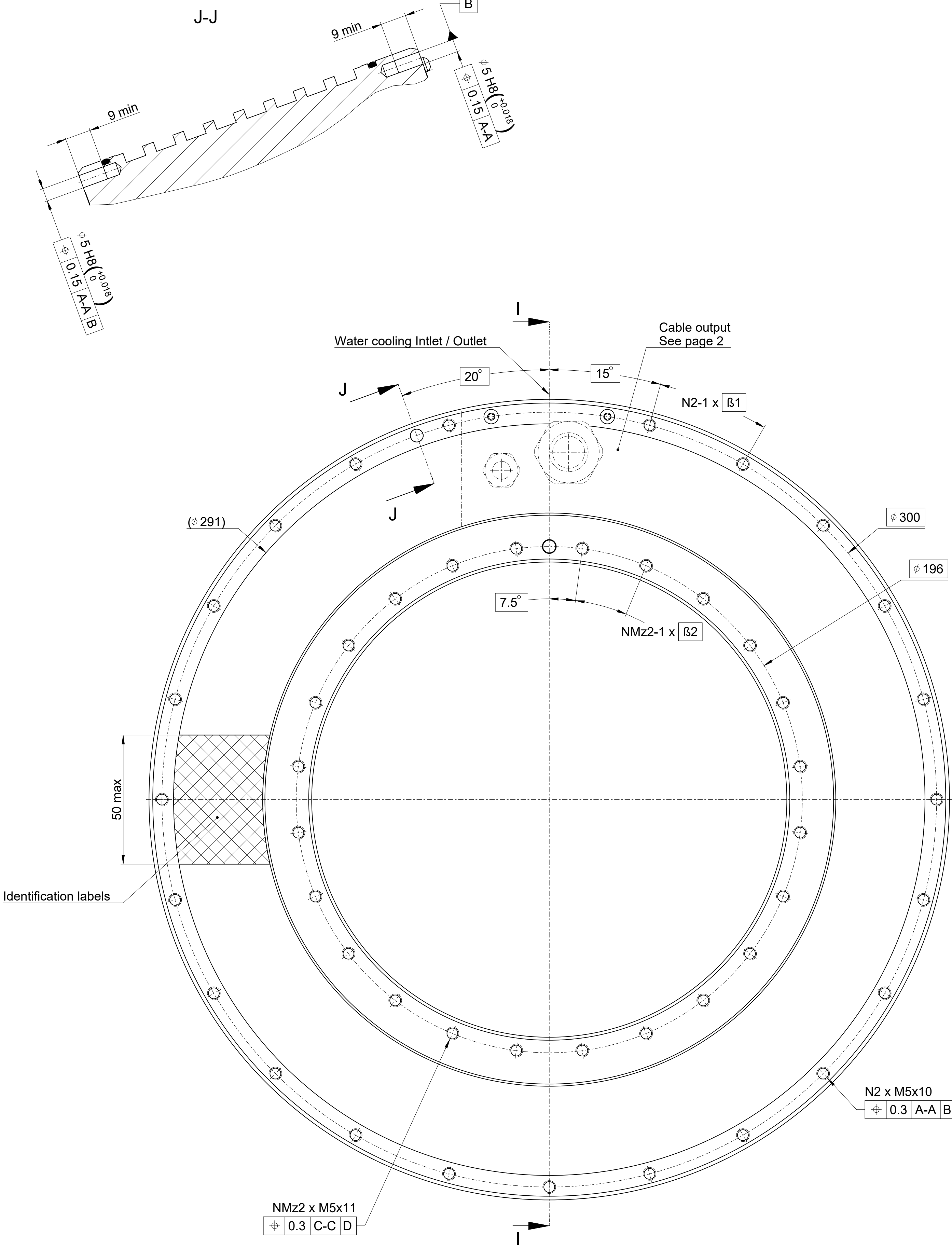
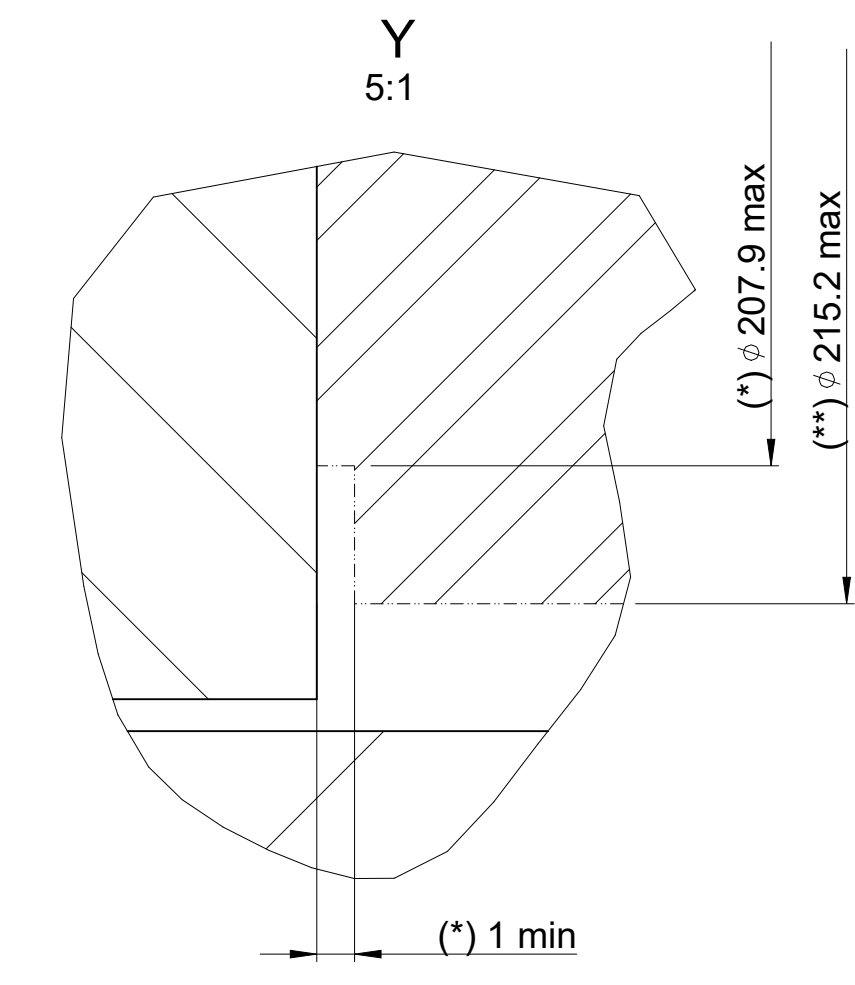


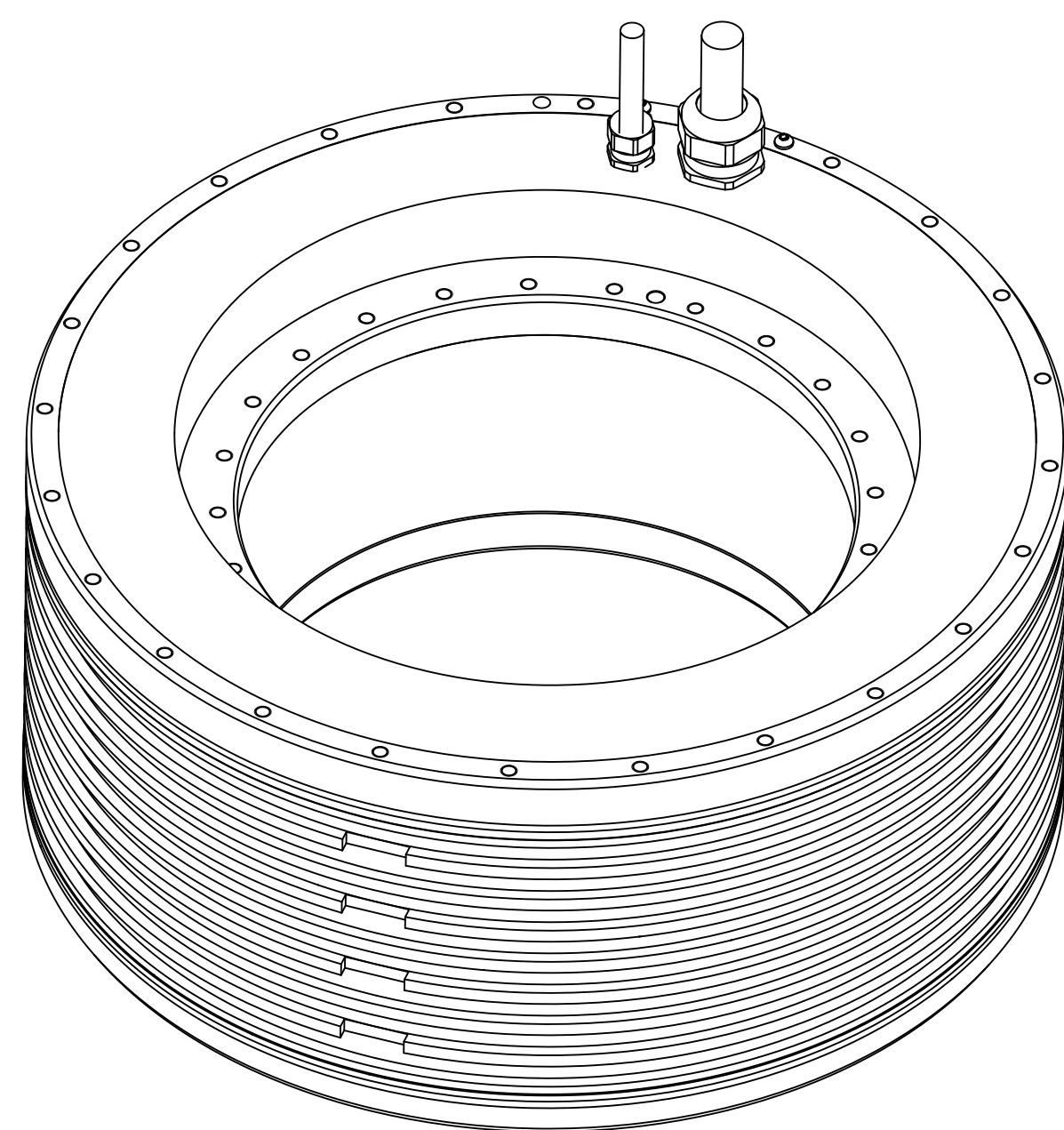
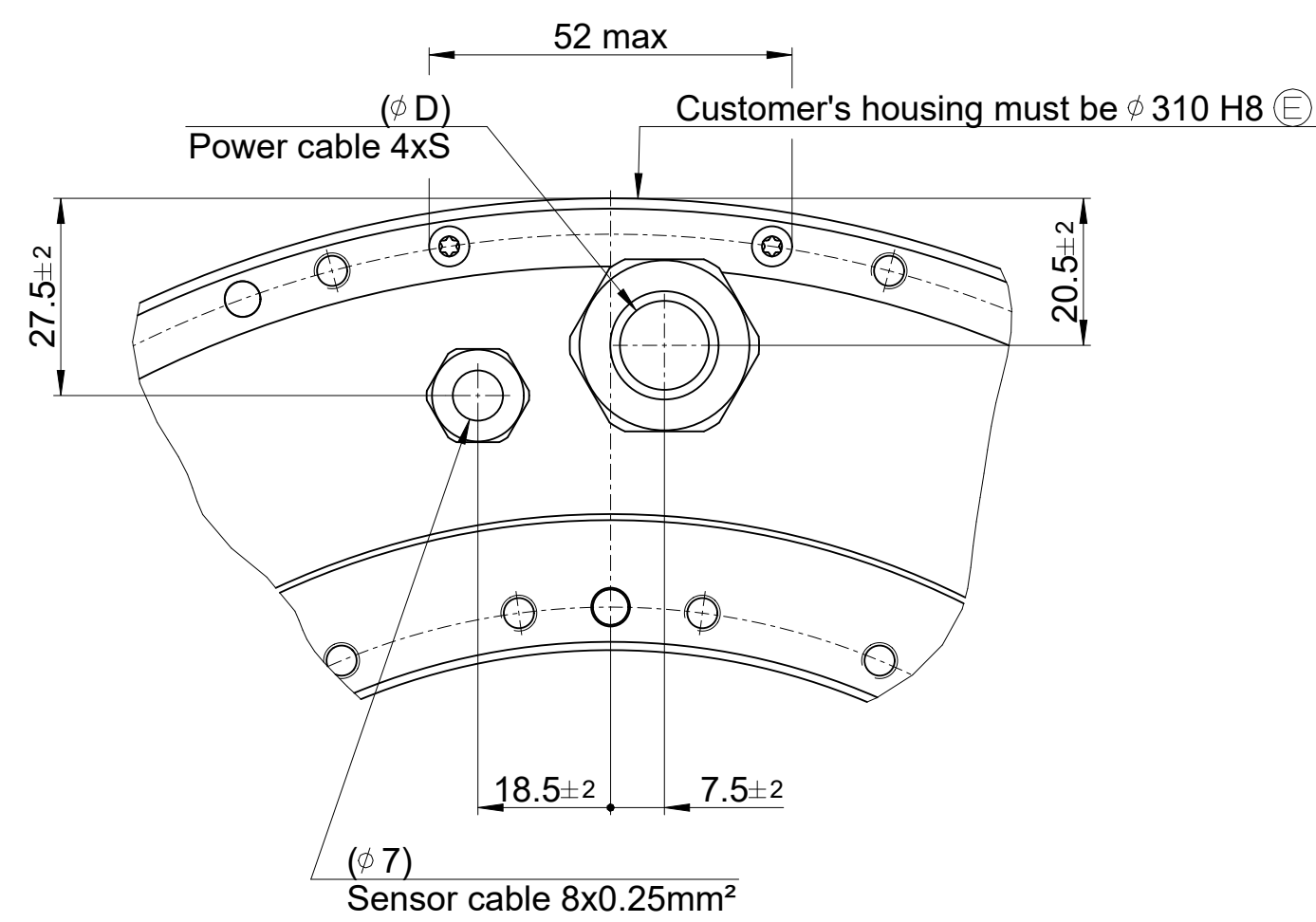
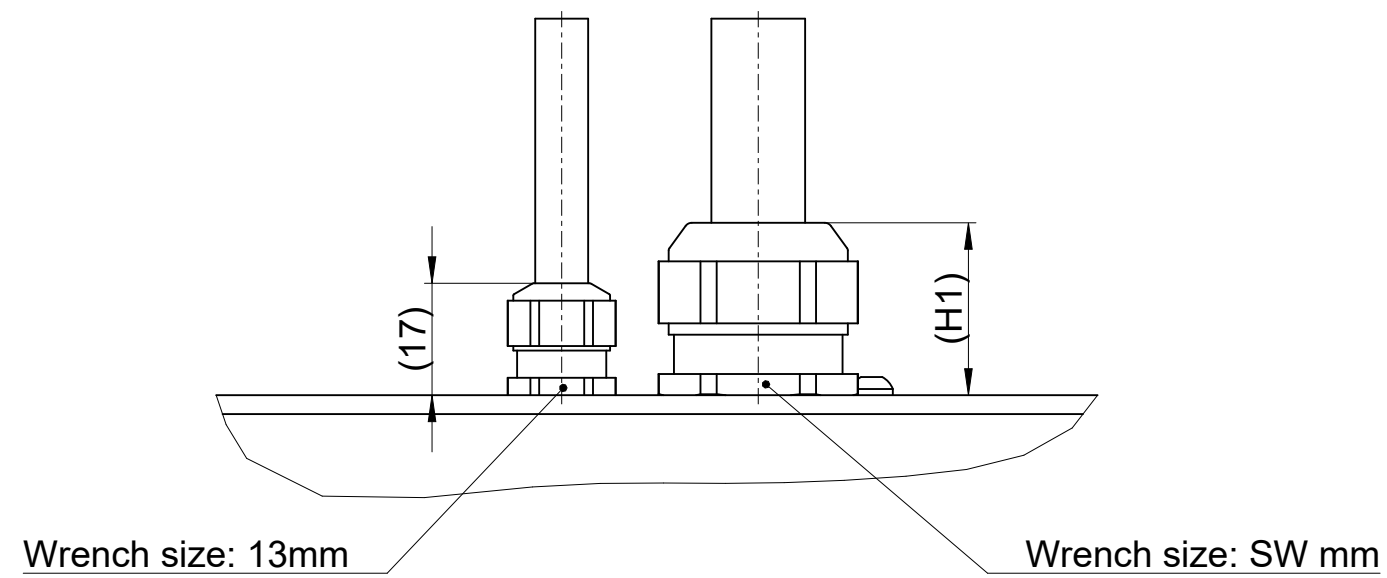


Safety clearance
Do not put any parts outside of hatched area



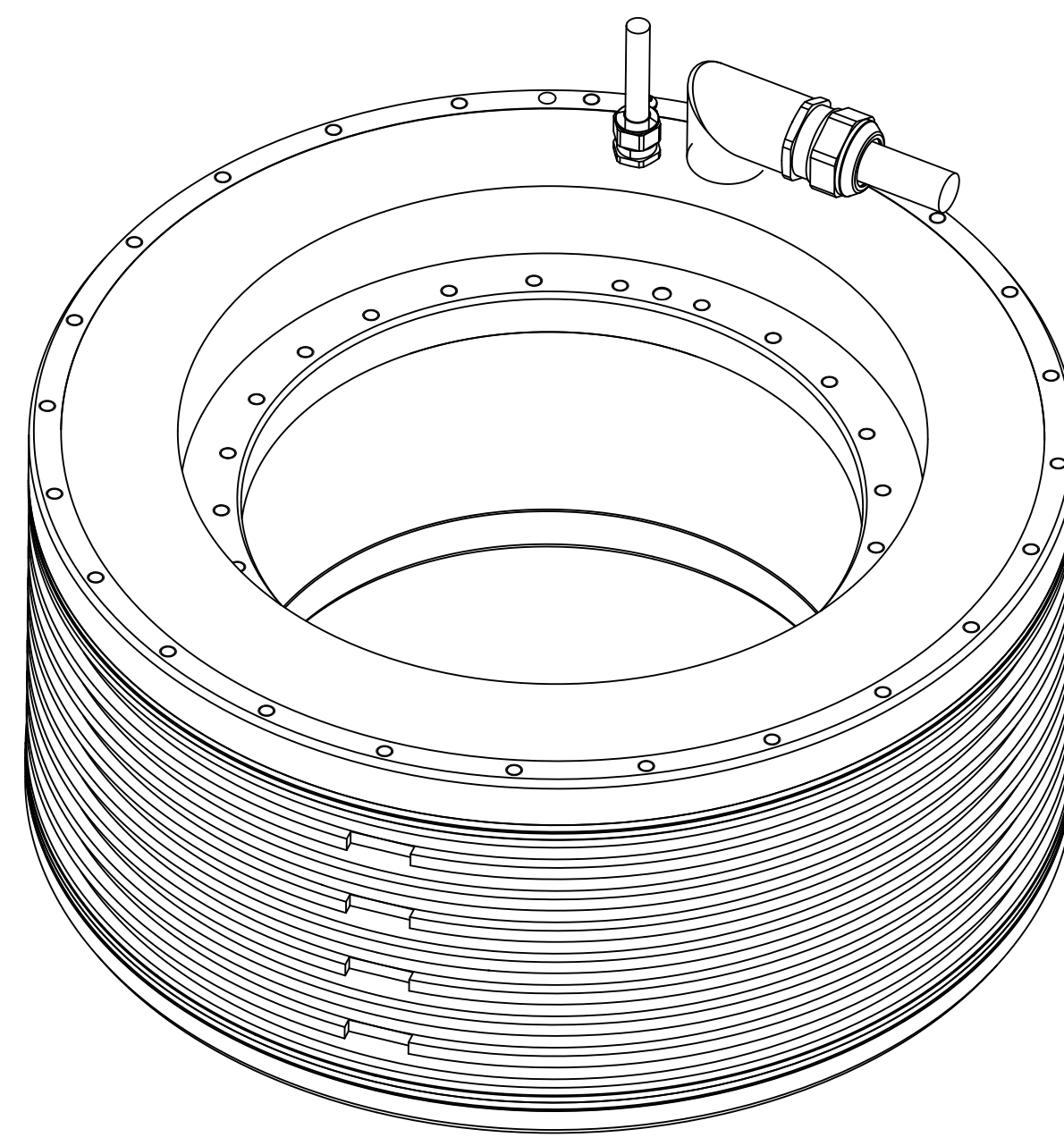
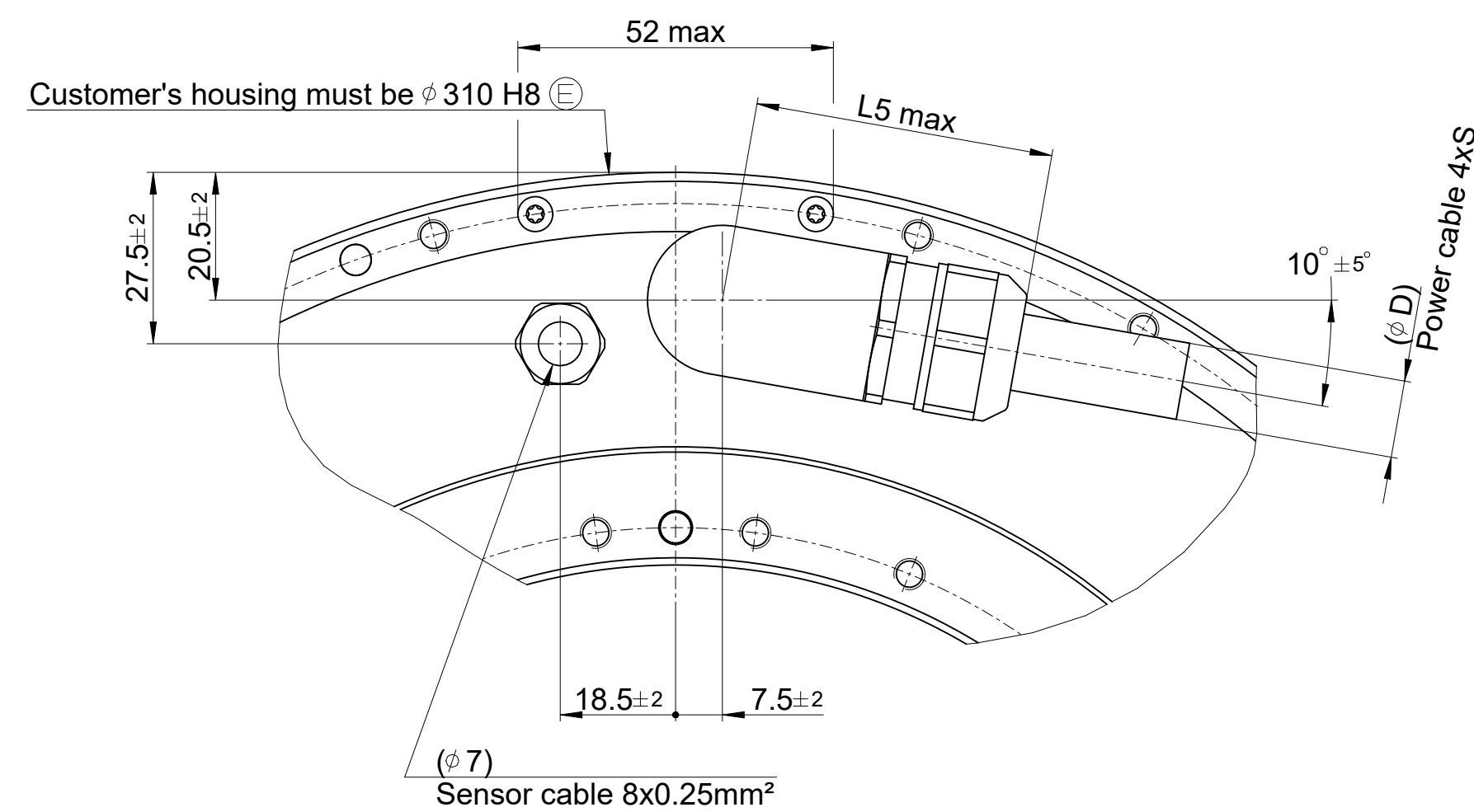
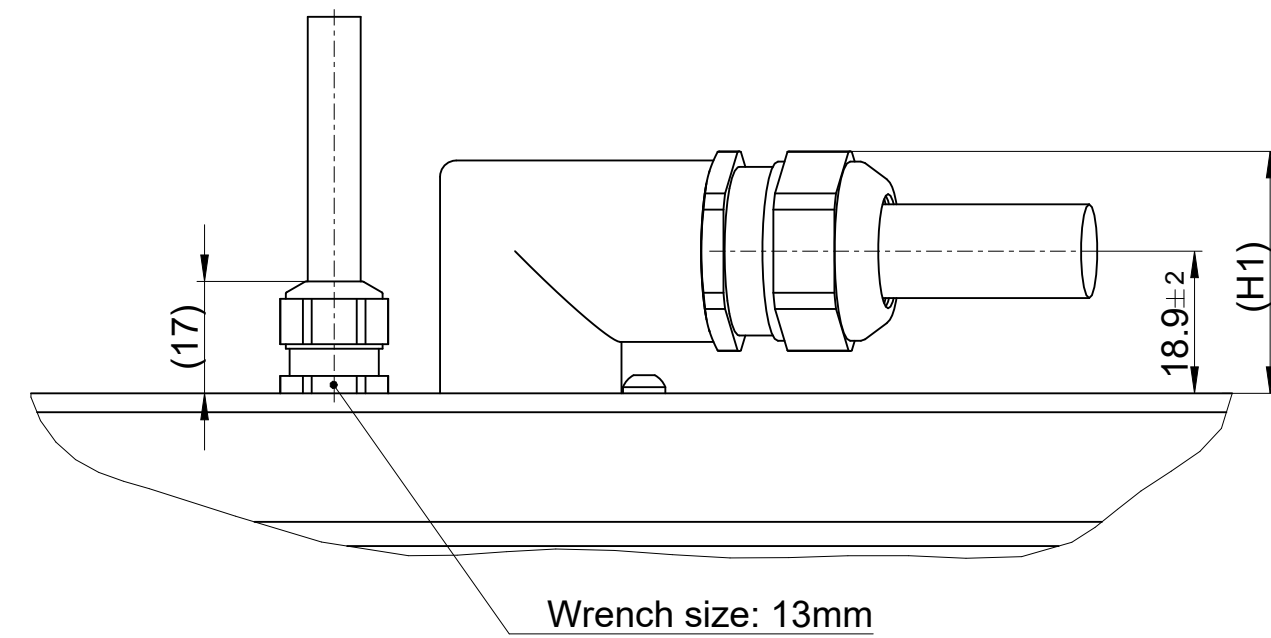
Designation	L1	L2	L3	L4	N1	N2	NMz1	NMz2	β1	β2
TMC0290-030	70	47	31	10	12	12	12	12	30°	30°
TMC0290-050	90	67	51	15	12	12	12	12	30°	30°
TMC0290-070	110	87	71	15	12	12	24	24	30°	15°
TMC0290-100	140	117	101	15	24	23	24	24	15°	15°
TMC0290-150	190	167	151	15	24	23	48	47	15°	7.5°
TMC0290-200	240	217	202	15	48	45	48	47	7.5°	7.5°

Type 1



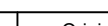
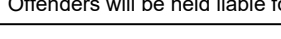
1:2

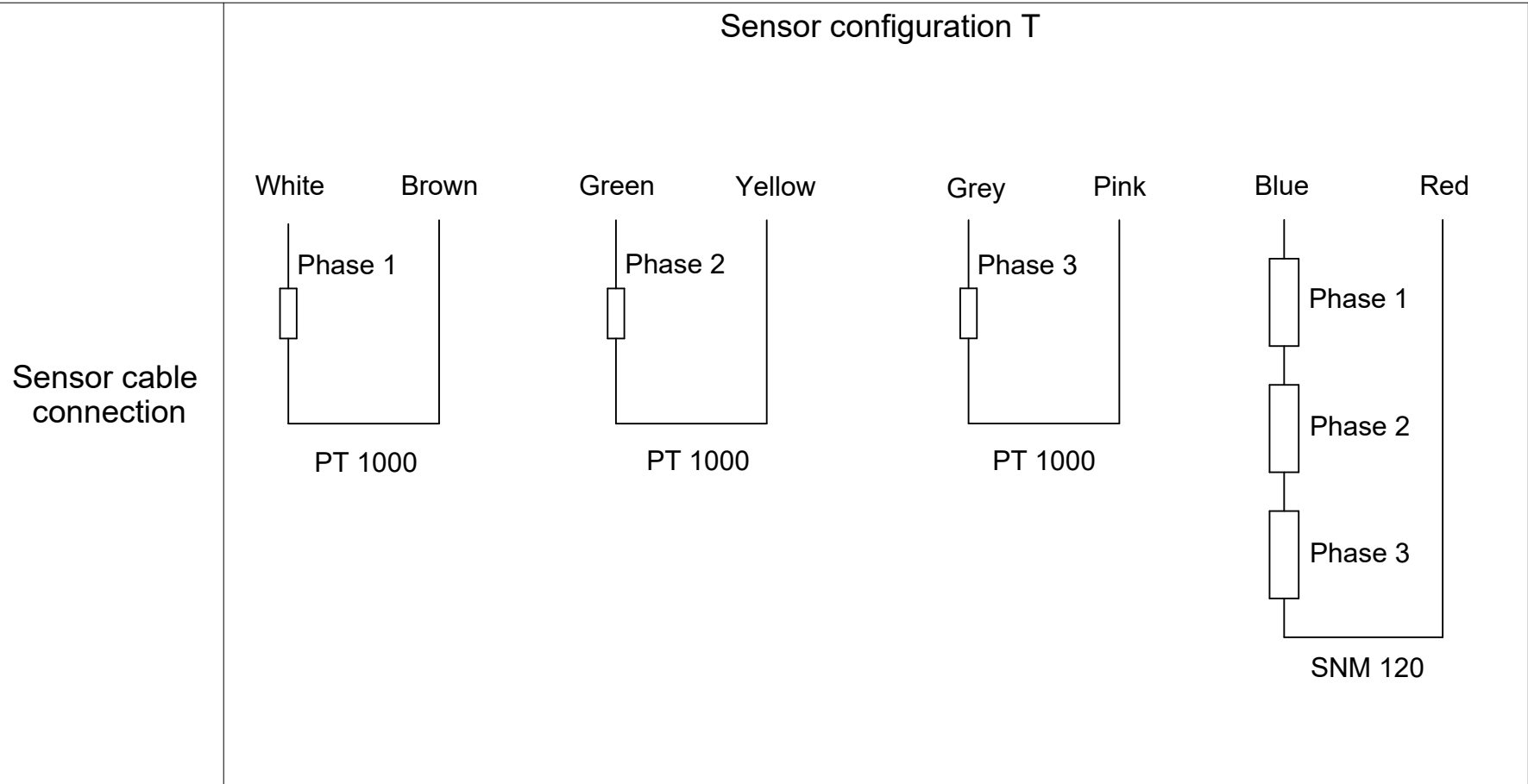
Type 2



1:2

Designation	Output type	S=Wire section	L5	H1	D	SW
[-]	[-]	[mm²]	[mm]	[mm]	[mm]	[mm]
TMC290-####-UA#S#	Type 1	1.5	-	26	9.6	24
TMC290-####-UA#E#	Type 2		51	34		
TMC290-####-SB#S#	Type 1		-	26		
TMC290-####-SB#E#	Type 2		51	34		
TMC290-####-UB#S#	Type 1	2.5	-	26	11.1	
TMC290-####-UB#E#	Type 2		51	34		
TMC290-####-UC#S#	Type 1	4	-	28	12.4	
TMC290-####-UC#E#	Type 2		53	34		

				ID number:			
Text:				Change No.		C1683/20-25	
				Released:		17/05/2024	
		Original drawing		TMC0290-### *****-O-AA#			
		Scale		TMC0290-### *****-O-AA#			
		Format		Mating Dimensions / Cotes d'encombrement			
Dimensions in mm		1:1		A1		Dimensions without tolerance Dimensions sans tolérances ± 0.2	
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 ETEL S.A. 2112 Möters SWITZERLAND				Version / Revision / Sheet		Page	
				1437386-00 - B-01		2 of 2	
				Document number		2	



Power cable connection		
Color and cable number	Function	Drawing
Black cable with number 1 or U / Wire 1	Phase 1 (PH1)	
Black cable with number 2 or V / Wire 2	Phase 2 (PH2)	
Black cable with number 3 or W / Wire 3	Phase 3 (PH3)	
Black cable with yellow and green sleeve / Yellow and green wire	Ground (GND)	

Cable cross-section (mm²)								
Characteristics	4 x 1.5	4 x 2.5	4 x 4	1 x 2.5	1 x 4	1 x 6	1 x 10	Sensor cable
Applicable motors	TMC0140 TMC0290	TMC0140 TMC0290	TMC0290	TMC0360 TMC0450	TMC0530	TMC0360	TMC0450 TMC0530	All TMC
Minimum bending radius for fixed cable	R = 4 x D	R = 4 x D	R = 4 x D	R = 4 x D	R = 4 x D	R = 4 x D	R = 4 X D	R = 6 X D
Minimum bending radius for moving cable	R = 7.5 x D	R = 7.5 x D	R = 7.5 x D	R = 7.5 x D	R = 7.5 x D	R = 7.5 x D	R = 7.5 X D	R = 12 X D

