

GÜVEN SOĞUTMA ÜNİTELERİ SAN. VE TİC. A.Ş.

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GVN STANDART PRODUCT Customer

HORIZONTAL LIQUID RECEIVER Product

HLR.A.33b.04.B2.C2 Code

Customer Code

DESIGN DATA	
Capacity [Lt.]	4 Lt.
Design Pressure [PS]	33 Bar
Pneumatic Test Pressure [PT]	36 Bar
Hydraulic Test Pressure	48 Bar
Design Temperature [TS]	Min.-20C / Max.+130C
Cooler Fluid Type	HFC-CFC-HCFC
Fluid Group	2
Category	CAT I / A
Desing Calculation	EN 14276-1/EN 13445-3
Welded Joint Efficiency	0.85
Material Group (Shell / Head)	1.2
Testing Group	3b
Corrasion Allowance	0,1 mm
Ndt	10%
Packaging Size & Weight	00*00*00 & 00 Kg.
Drawed By	Ö.TÜRKER
Approved By	D.GÜL
Date	04.01.2023
Color	RAL 5009

MATERIAL DATA					
No	Connection	Model	Code	Material	Qty
1	Inlet Connection	ODS 3/8" H:30	106.060.B02.INL.T30	ST44-E275	1
2	Outlet Connection	ROT. 1" H:25	106.060.A02.001.T25	E275-ST44	1
3	Outlet Valve	RV.45b-3/8	C2.RV.45B.01.3-8		1
4	Deep Drawn	Ø140x2 H:145	203.040.002.002.001	EN10111-DD13	1
5	Deep Drawn	Ø140x2 H:145	203.040.001.002.001	EN10111-DD13	1
6	Pipe	Ø13x1 H:133	104.013.010.000.133	E235	1
7	Base Plate	80x80x3	105.001.140.001.001	1.0037 (S235JR)	2

GENERAL NOTES

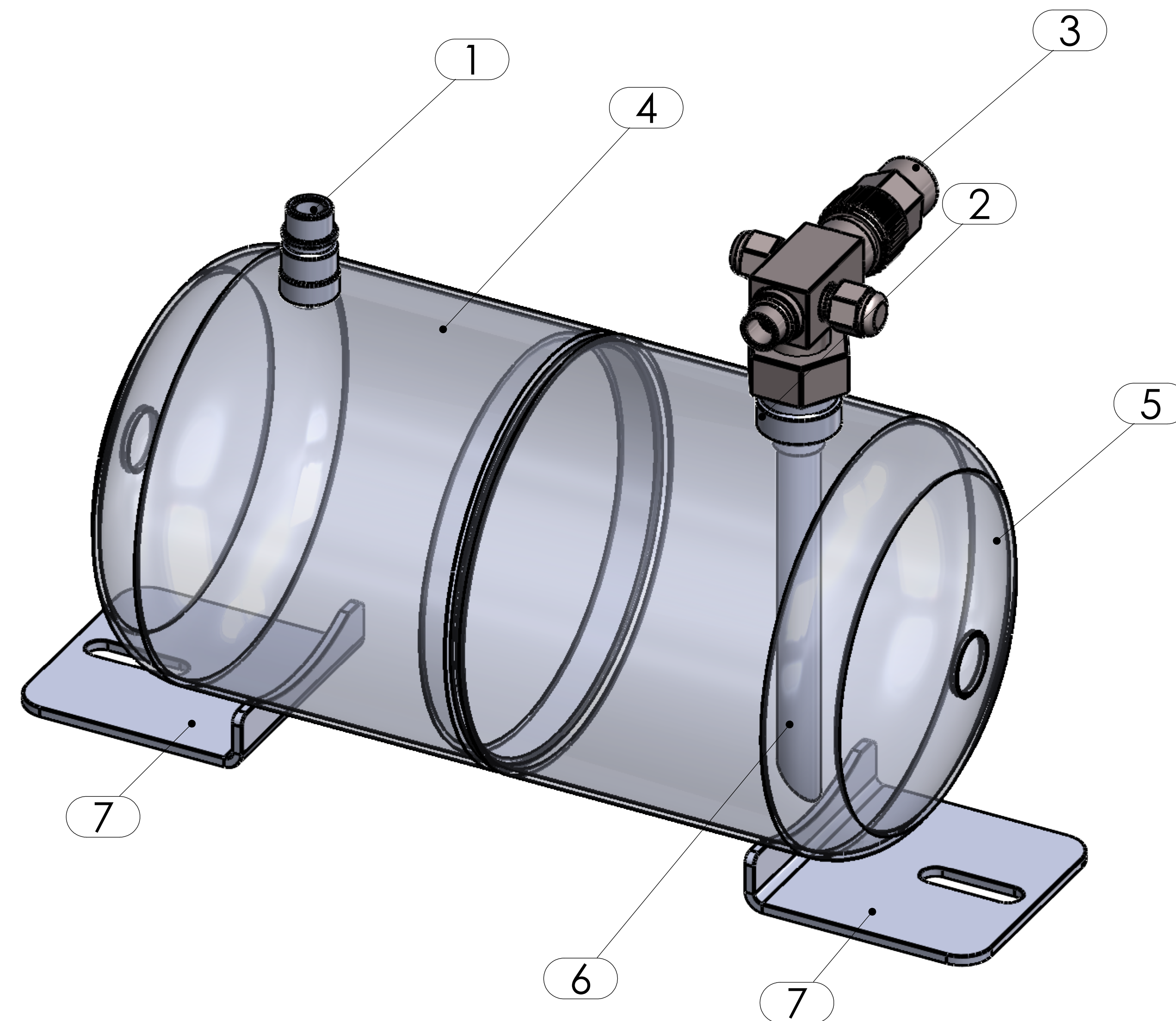
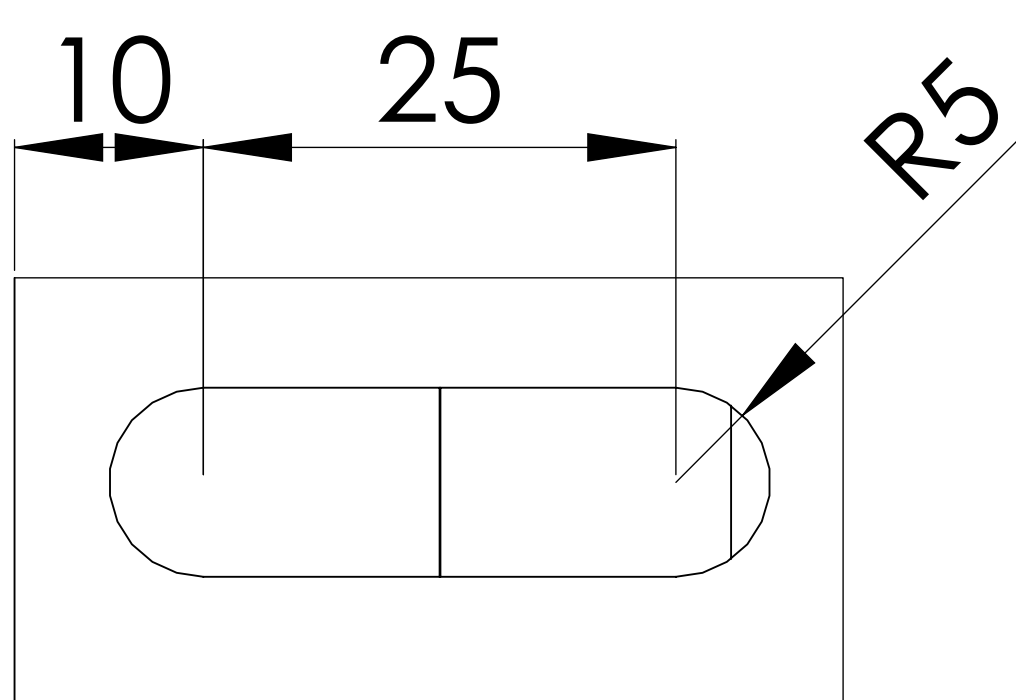
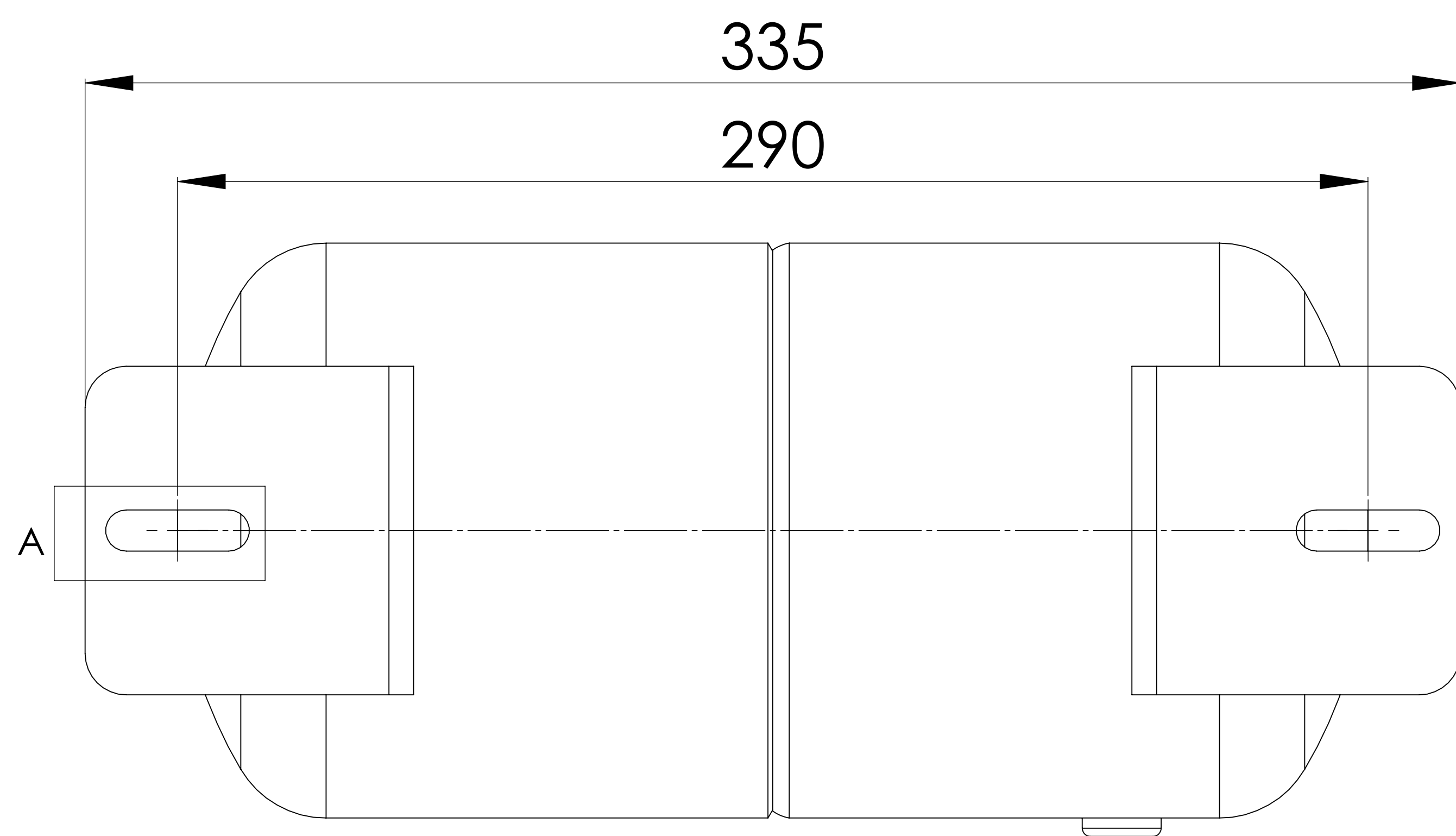
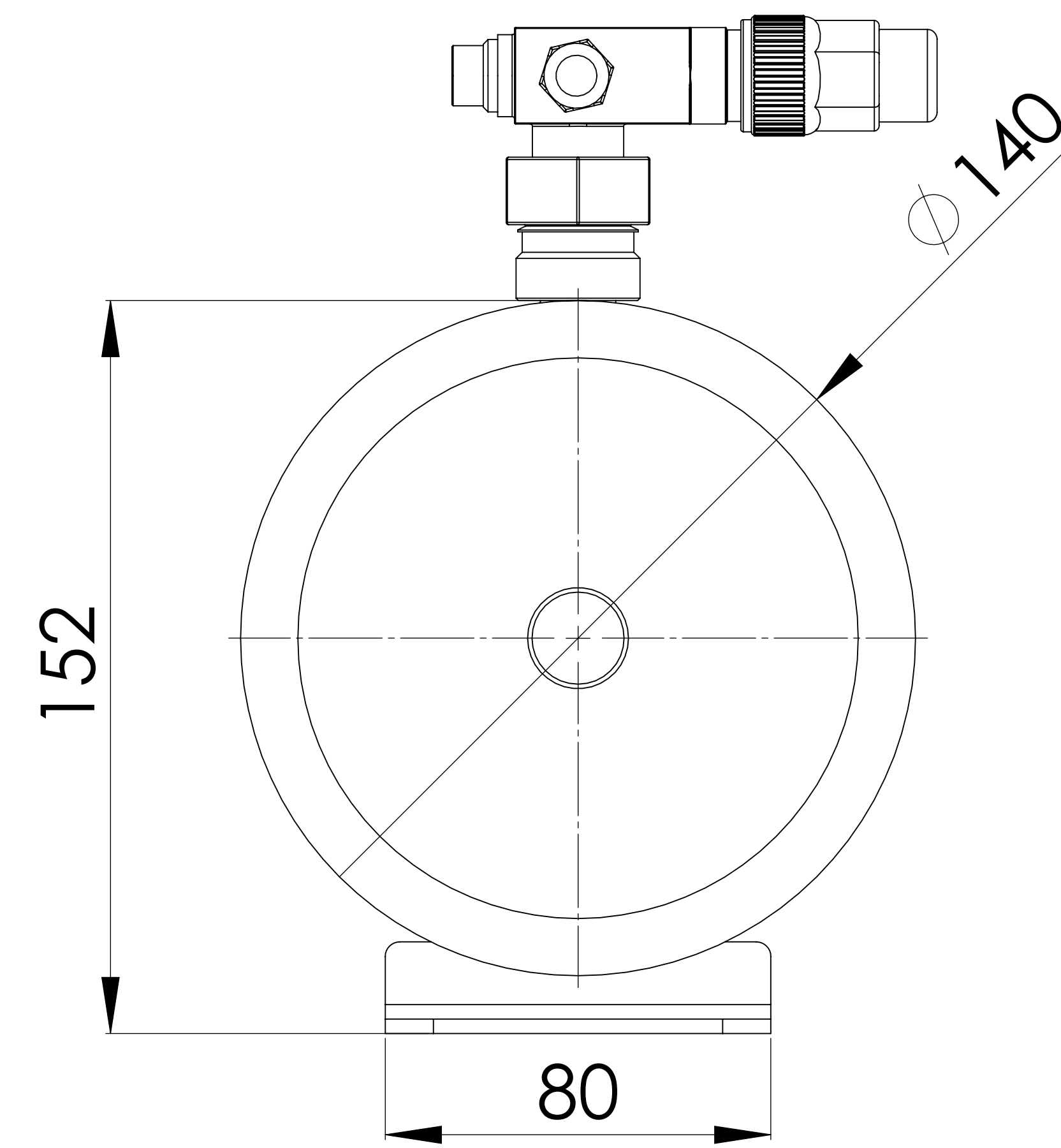
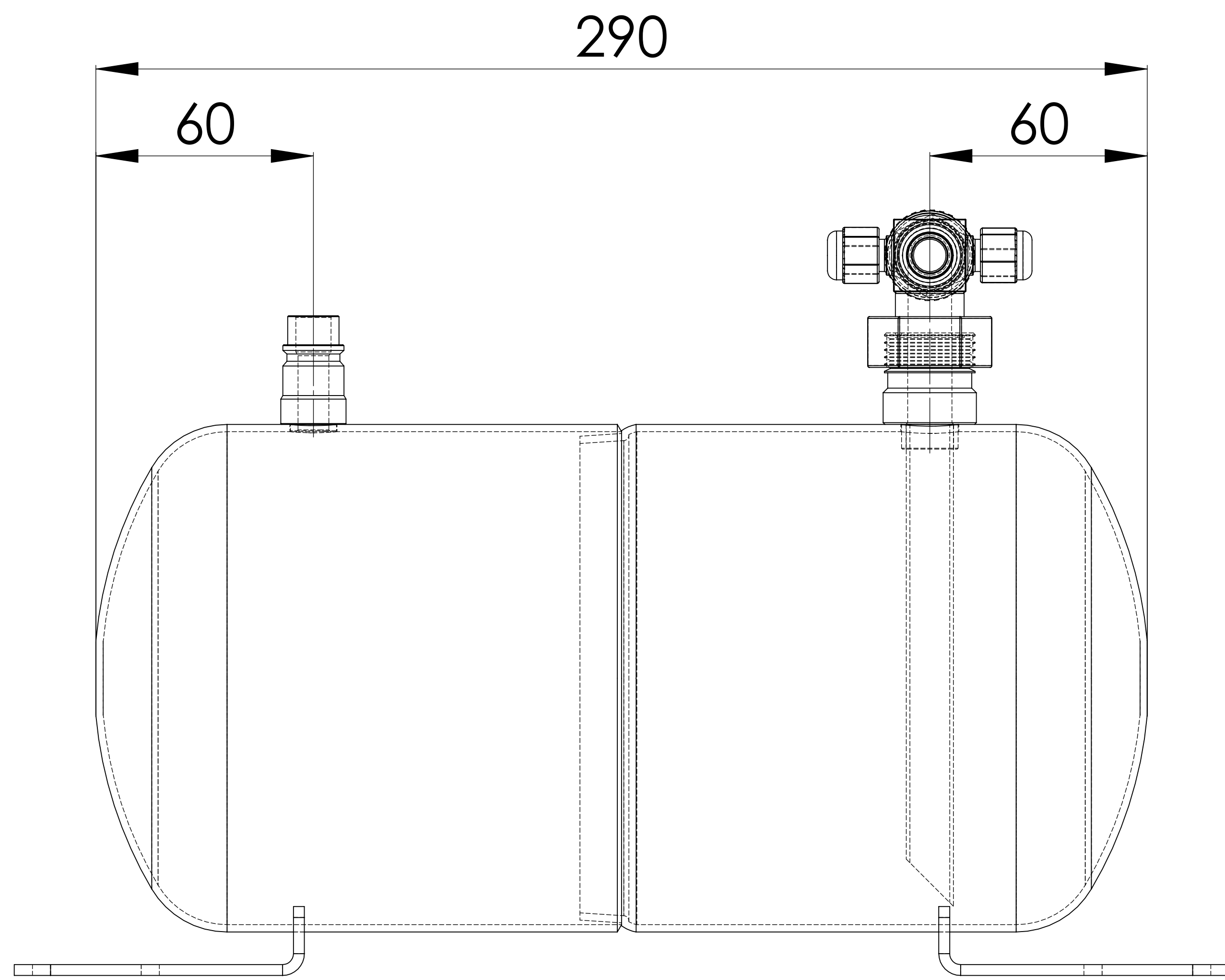
-Max. allowable operating pressure [PS] according to the temperature range;
1)Allowable operating temperature : min. -20C° / max. +130C° PS1 = 33 Bar
2)Allowable operating temperature : min. -40C° / max. -20C° PS2 = 24 Bar
-Unless otherwise specified dimensions in MM
-Unless otherwise specified do not scale
-Unless otherwise specified tube must be clean&free form burrs inside&outside&uitable for soldering
-Unless otherwise specified do not scale indicated thickness are min. after forming or machining
-Unless otherwise specified dimension tolerances according to EN 113445-4

REVISIONS			
No	Details Of Change	Date	By
01	33 BAR YAPILDI	23.05.2024	M.ABDULAZİZ
02	STANDART TEKNİK RESİM ÖLÇ. YAPILDI	12.09.2024	M.AKKAŞ
03	CORRASİON DEĞERİ 0,5MM DEN 0,1MM OLDU	18.11.2024	M.AKKAŞ

RELATED DRAWINGS	
No	Description
01	
02	



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Detail: A

No	Assembly Codes	Qty
1	M002.000004	1