

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

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GVN STANDART PRODUCT

Customer

VERTICAL LIQUID RECEIVERS

Product

V7A.33b.35.A3.A3.F4

Code

Customer Code

DESIGN DATA

Capacity [Lt.]	35 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 III / H
Desing Calculation	EN 14276-1/EN 13445-3
Welded Joint Efficiency	0.85
Material Group (Shell / Head)	1.2
Testing Group	3b
Corrasion Allowance	0,5 mm
Ndt	10%
Packaging Size & Weight	00*00*00 & 00 Kg.
Drawed By	Ö.TÜRKER
Approved By	D.GÜL
Date	22.03.2022
Color	RAL 5009

MATERIAL DATA

No	Connection	Model	Code	Material	Qty
1	Inlet Connection	ROT. 1 1/4" H:27	106.060.A03.001.T27	E275	1
2	Outlet Connection	ROT. 1 1/4" H:27	106.060.A03.001.T27	E275	1
3	Safety Valve Conn.	NPT 1/2" H:18	106.060.F04.NPT.T18	E275- EN10297-1	1
4	Blind Plug	NPT 1/2"Plug	106.130.F04.KTP.023	S235	1
5	Pipe	Ø19X1,5	204.A19.015.000.150	EN10297-1 E235	1
6	Shell	Ø219,1x3 H:900	204.V07.458.035.001	EN10217-3 P355NH	1
7	Head Torispheric	Ø219x2,5 H:75	101.033.219.001.001	EN10028-2 P355GH	1
8	Head Torispheric	Ø219x2,5 H:75	101.033.219.001.000	EN10028-2 P355GH	1
9	Skirt With	Ø205x2,5 H:18	105.004.205.001.001	DD13 EN10111	1

GENERAL NOTES

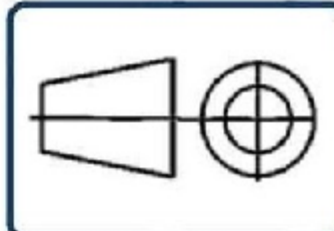
-Max. allowable operating pressure [PS] according to the temperature range;
1)Allowable operating temperature : min. -20C° / max. +130C° PS1 = 33 Bar
2)Allowable operating temperature : min. -20C° / max. -40C° PS2 = 24 Bar
-Unless otherwise specified dimensions in MM
-Unless otherwise specified do not scale
-Unless otherwise specified tube must be clean&free form burrs inside&outside&suitable 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

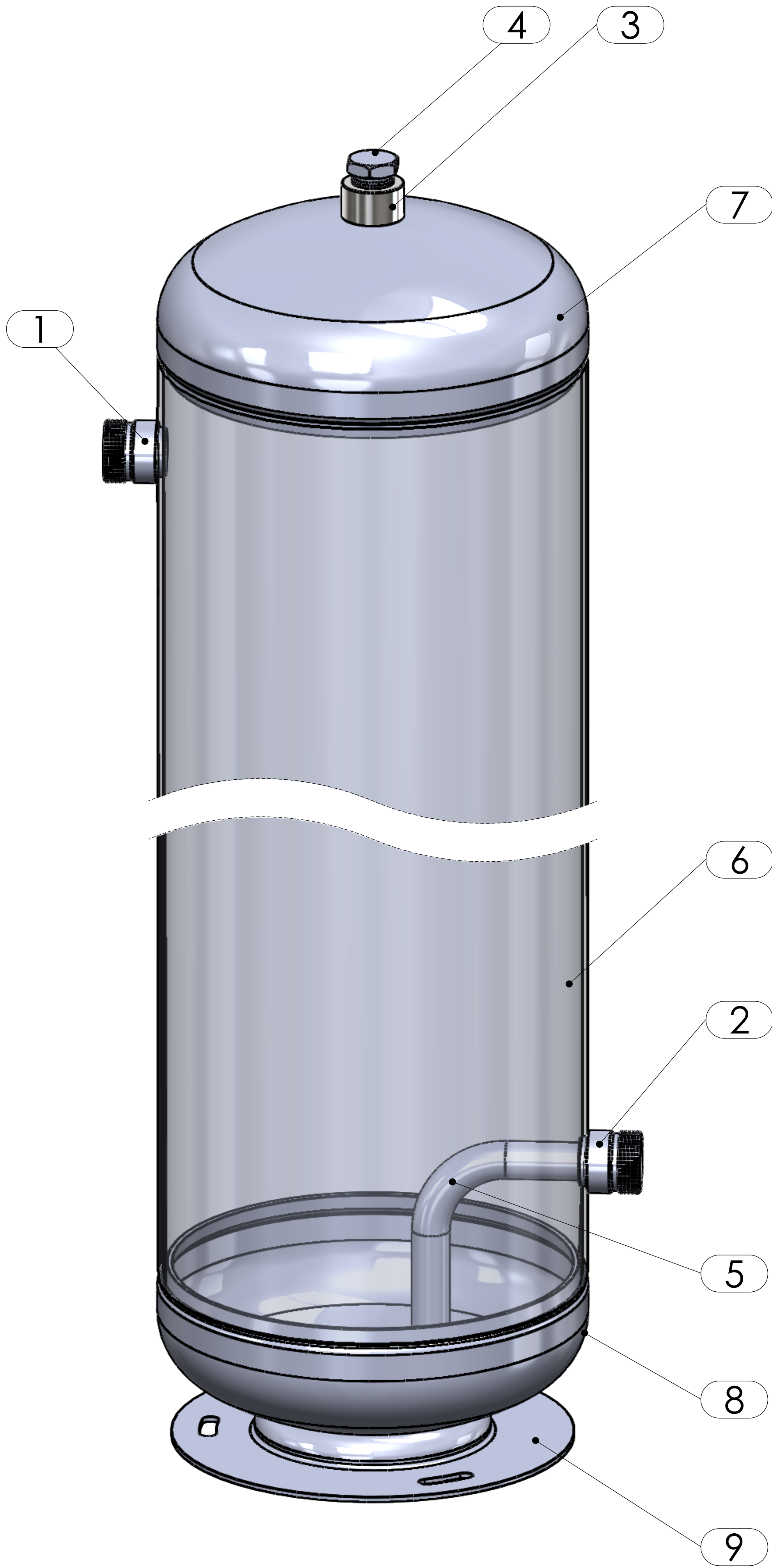
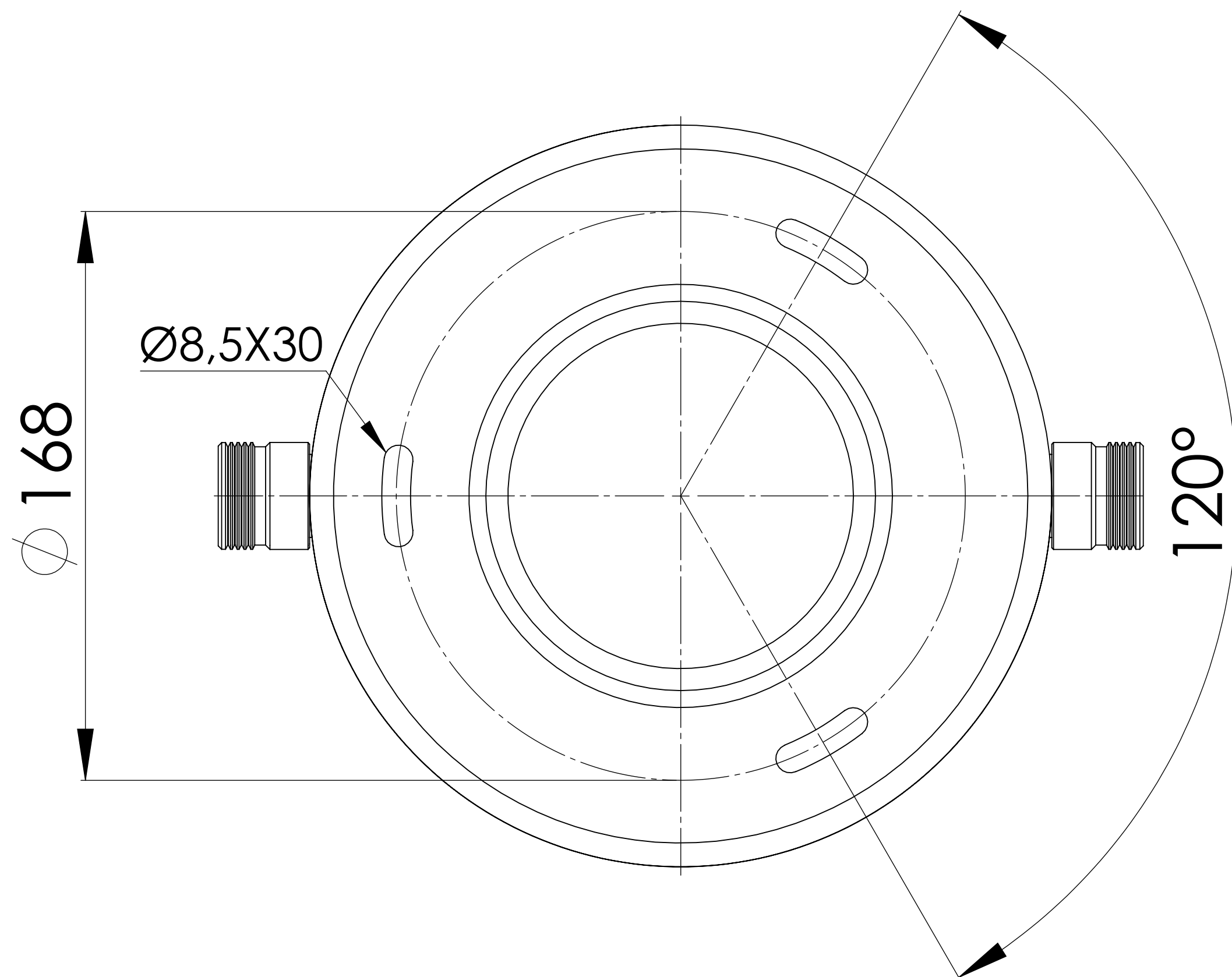
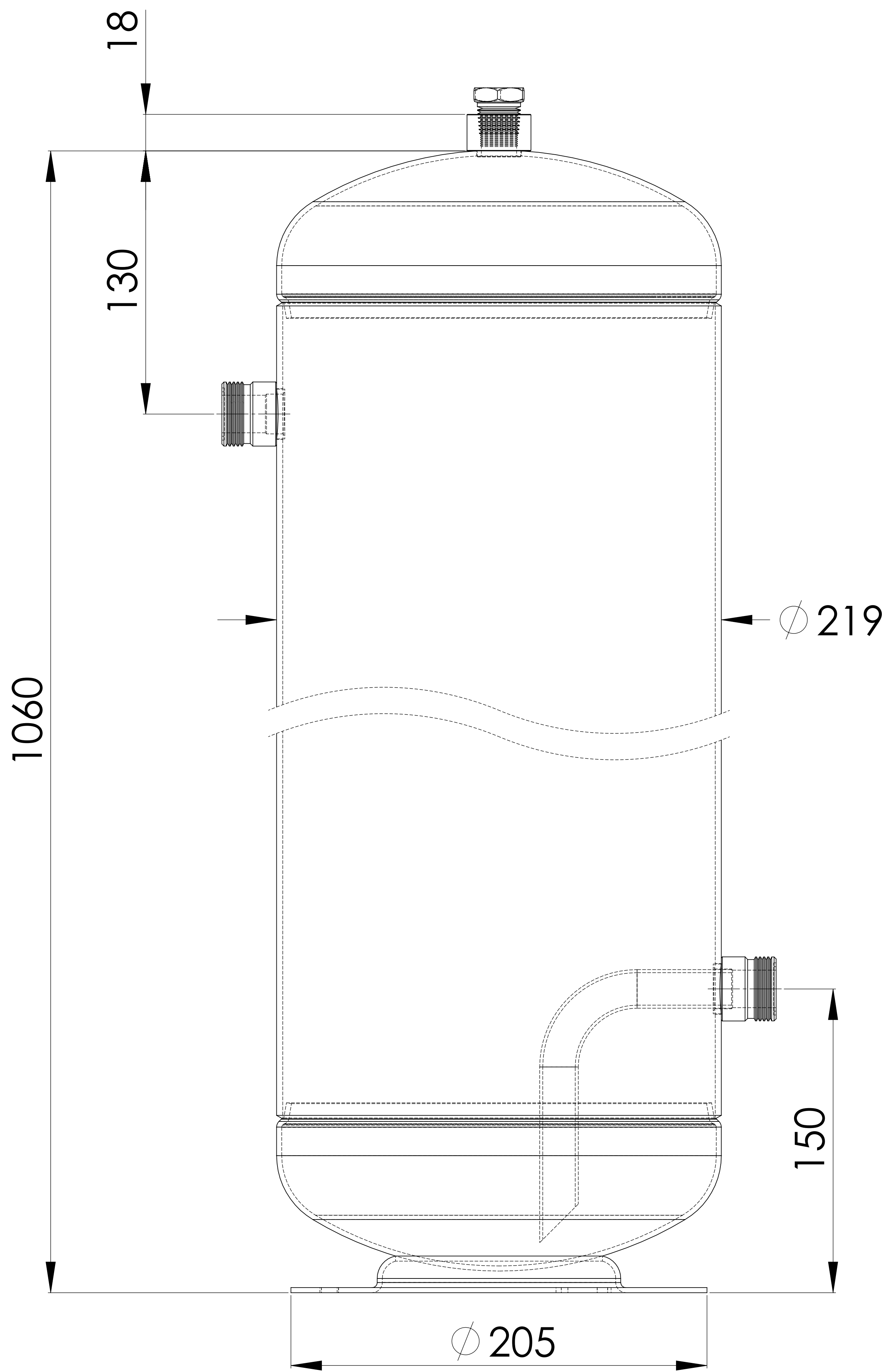
No	Details Of Change	Date	By
01			
02			
03			

RELATED DRAWINGS

No	Description	Drawing No
01		
02		



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No	Assembly Codes	Qty
1	M005.000052	1