

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

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GVN STANDART PRODUCT

Customer

VERTICAL LIQUID RECEIVERS

Product

V10A.33b.100.A5.A5.F4

Code

Customer Code

DESIGN DATA

Capacity [Lt.]	100 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 IV / H1
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	22.03.2022
Color	RAL 5009

MATERIAL DATA

No	Connection	Model	Code	Material	Qty
1	Inlet Connection	ROT 2 1/4" H:36	106.060.A05.001.T36	E 275	1
2	Outlet Connection	ROT 2 1/4" H:36	106.060.A05.001.T36	E 275	1
3	Safety Valve Conn.	NPT 1/2" H:18	106.060.F04.NPT.T18	P235GH EN 10216-2	1
4	Blind Plug	NPT 1/2"Plug	106.130.F04.KTP.023	S235	1
5	Shell	Ø406x5 H:646	204.V10.33B.100.001	EN10028-2 P355GH	1
6	Head Torispheric	Ø406x5 H:125	101.033.406.001.000	P355GH EN 10028-2	1
7	Head Torispheric	Ø406x5 H:125	201.033.406.001.001	EN10028-2 P355GH	1
8	Skirt	Ø324x5 H:50	104.045.H50.415.324	S235	1
9	Base Plate	Ø415x5	105.005.415.001.001	S235	1
10	Lifting	50x40	105.011.MP0.050.040	S235	1
11	Label Plate	120x80x2	105.006.002.120.080	EN 10111 DD-13	1
12	Pipe	Ø42x1,5 H:140	204.A42.015.000.140	E235	1
13	Pipe	Ø42x1,5 H:170	204.A42.015.000.170	E235	1
14	Elbow	42,4x2,6	114.042.001.001.001	S235JR	1

GENERAL NOTES

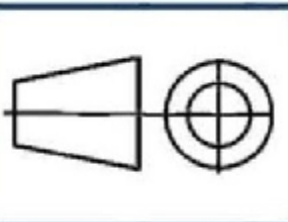
-Max. allowable operating pressure (PS) according to the temperature range;
1)Allowable operating temperature : min. -20C° / max. +130C° PS1 = 33 Bar
2)Allowable operating temperature : min. -40C° / max. -20C° PS2 = 24 Bar
-Unless otherwise specified dimensions in MM
-Unless otherwise specified do not 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 13445-4

REVISIONS

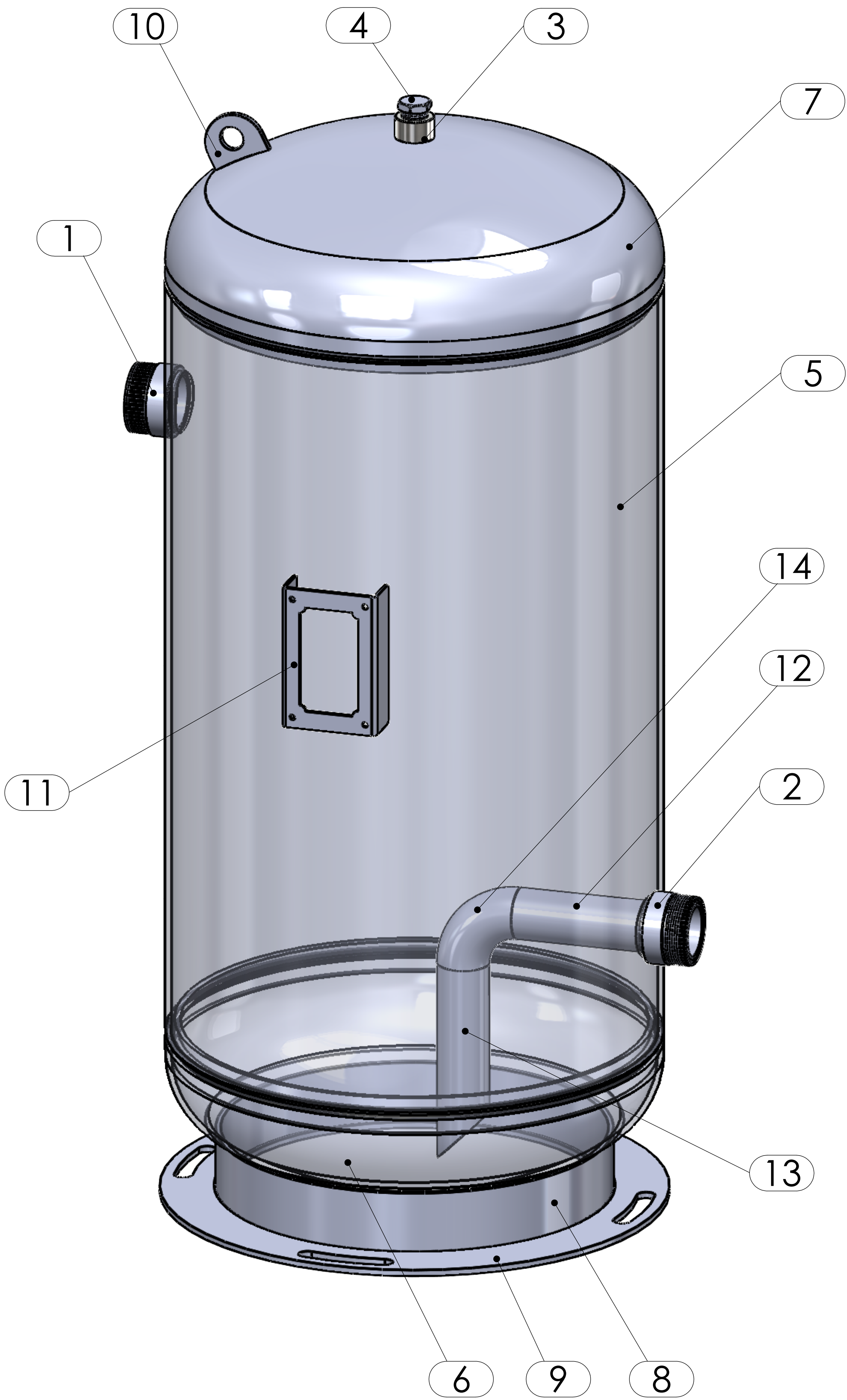
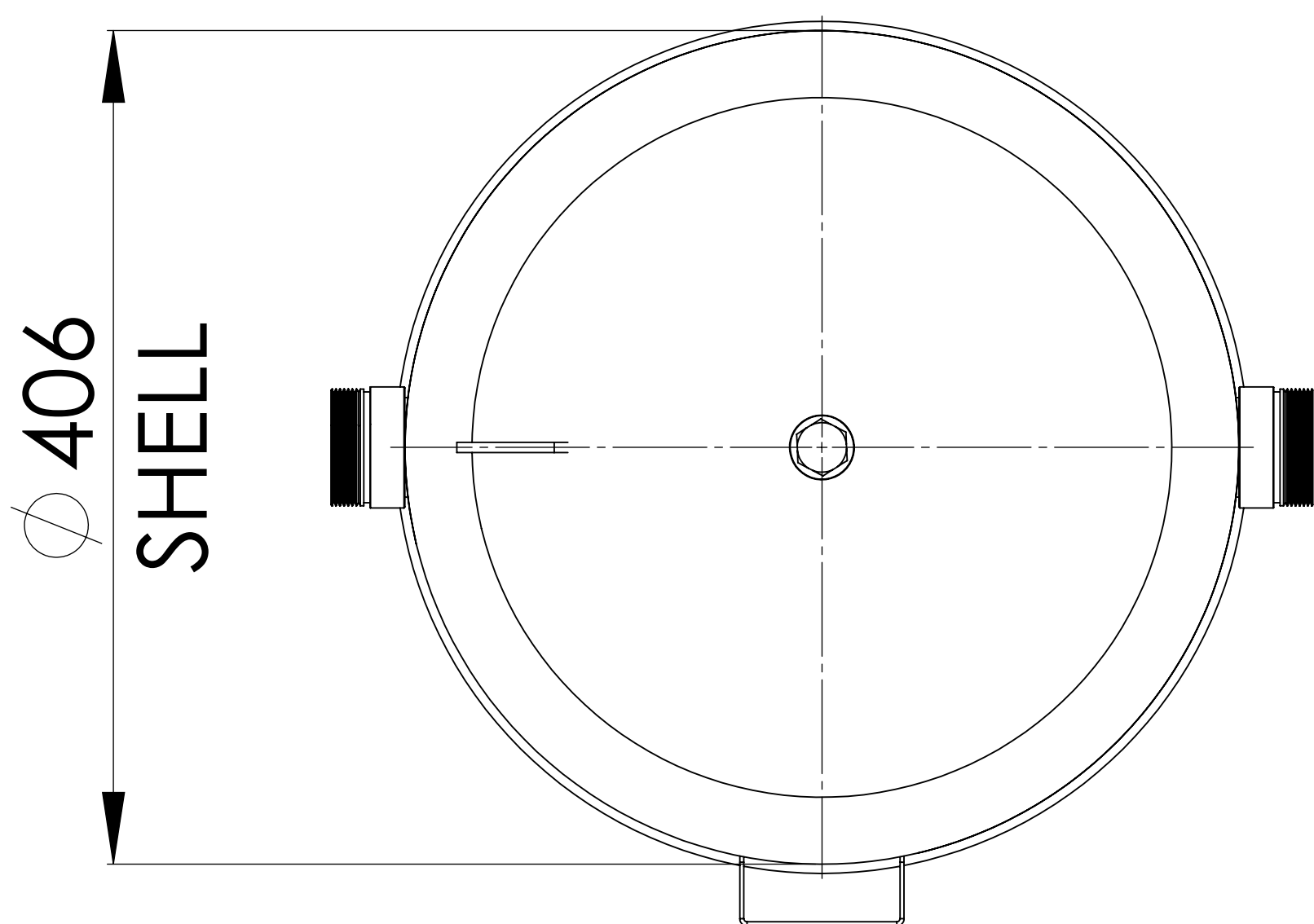
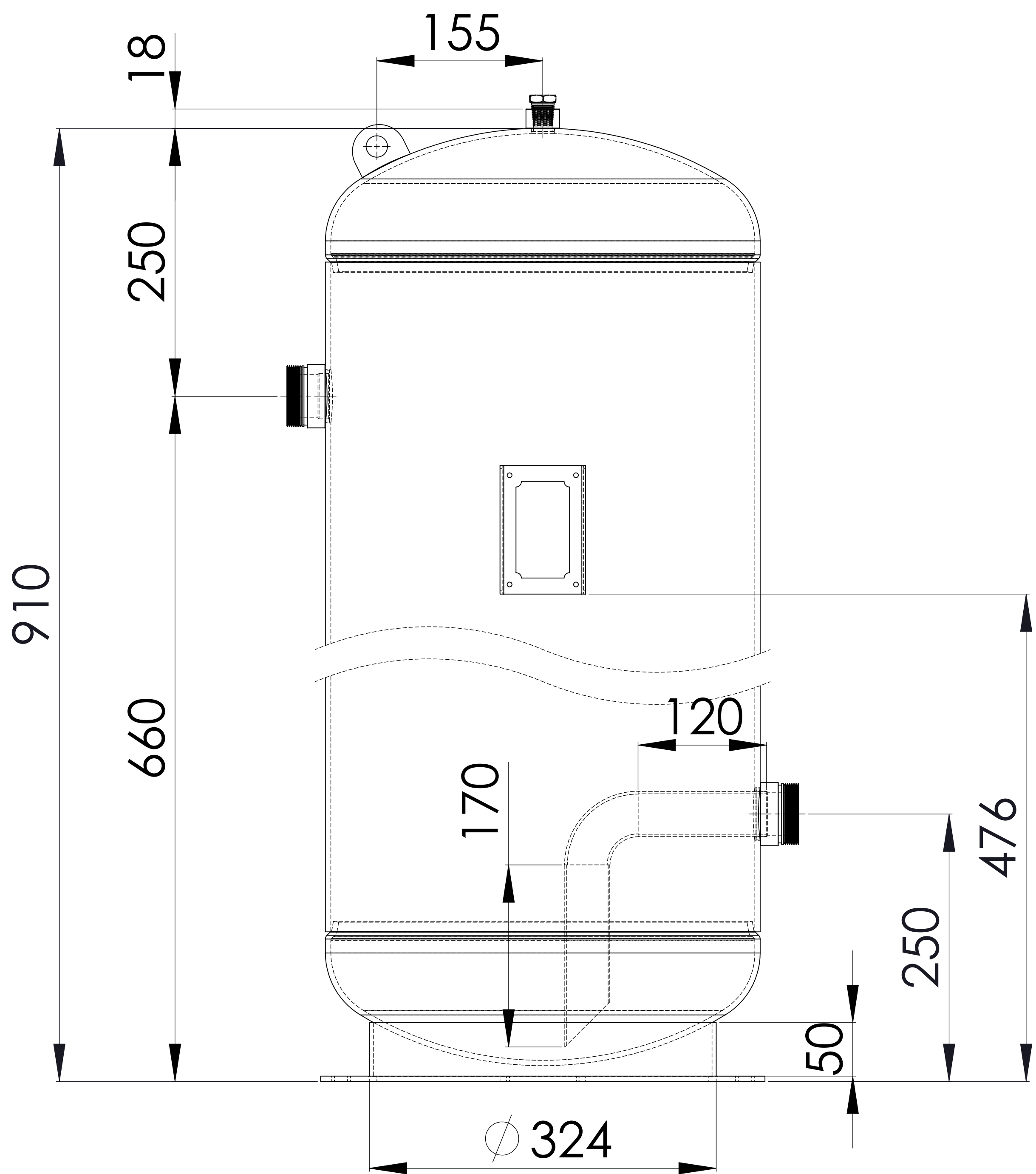
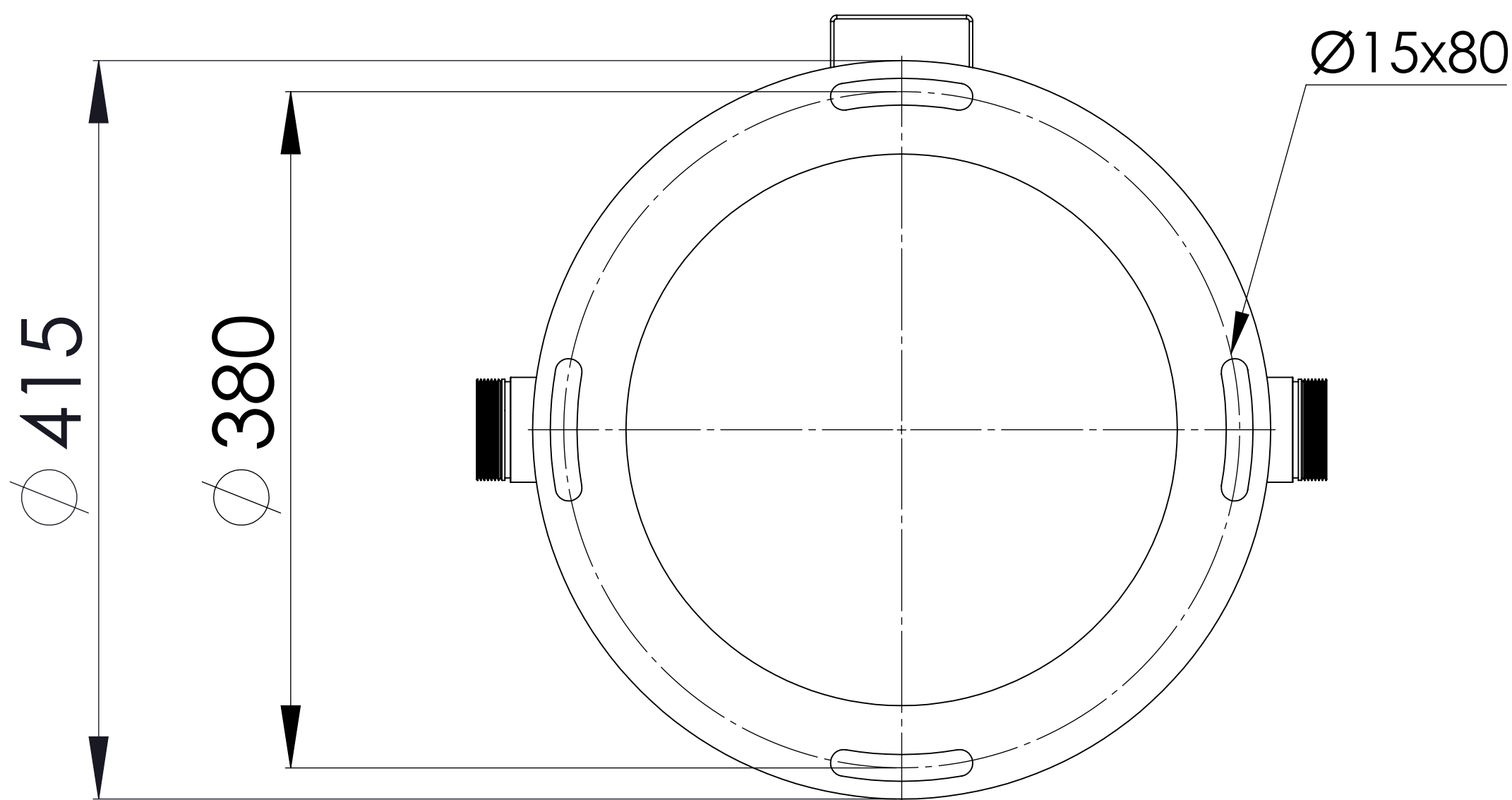
No	Details Of Change	Date	By
01			
02			
03			

RELATED DRAWINGS

No	Description	Drawing No
01		
02		



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No	Assembly Codes	Qty
1	M005.000074	1