

**GVN STANDART PRODUCT**

**Customer**

**VERTICAL LIQUID RECEIVERS**

**Product**

**V8A.33b.50.A4.A4.F4**

**Code**

**Customer Code**

**DESIGN DATA**

Capacity [Lt.]	50 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 3/4" H:32	106.060.A04.001.001	E 275	1
2	Outlet Connection	ROT.1 3/4" H:32	106.060.A04.001.001	E 275	1
3	Safety Valve Conn.	NPT 1/2" H:18	106.060.F04.000.001	E275-S144	1
4	Blind Plug	NPT 1/2" Plug	106.130.F04.001.001	E275	1
5	Pipe	Ø28,5X1,5	204.A28.015.000.180	EN10297-1 E235	1
6	Shell	Ø273x4 H:780	204.V08.33B.050.001	EN10217-3 P355NH	1
7	Head Torispheric	Ø273x4 H:95	201.045.273.001.001	EN10028-2 P355GH	1
8	Head - Torispheric	Ø273x4 H:95	101.045.273.001.000	P355GH EN10028-2	1
9	Skirt With	Ø247x2,5 H:18	105.004.247.001.001	S235JR	1

**GENERAL NOTES**

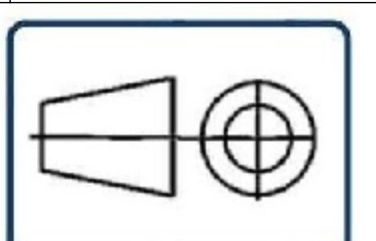
-Max. allowable operating pressure [PS] according to the temperature range;  
1) Allowable operating temperature : min. -20C° / max. +130C° PS1 = 33 Bar  
2) Allowable operating temperature : min. -20C° / max. -40C° PS2 = 24 Bar  
-Unless otherwise specified dimensions in MM  
-Unless otherwise specified do not scale  
-Unless otherwise specified tube must be clean&free from 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			
02			
03			

**RELATED DRAWINGS**

No	Description	Drawing No
01		
02		



No	Assembly Codes	Qty
1	M005.000059	1

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