

DARMENT **Customer**

VERTICAL LIQUID RECEIVERS **Product**

V8DM.45B.40.C8.C8.F4.H31.F4 **Code**

Customer Code

DESIGN DATA

Capacity [Lt.]	40 Lt.
Design Pressure [PS]	45 Bar
Pneumatic Test Pressure [PT]	50 Bar
Hydraulic Test Pressure	65 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	H.DALSIZ
Approved By	D.GÜL
Date	21.02.2024
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	Inlet Valve	RV.45B-1 3/8"	C8.RV45B.1 3-4.1 3-8		1
3	Outlet Connection	ROT.1 3/4" H:32	106.060.A04.001.001	E 275	1
4	Outlet Valve	RV.45B-1 3/8"	C8.RV45B.1 3-4.1 3-8		1
5	Level Sensor Conn.	NPT 1/2" H:18	106.060.F04.000.001	S235JR	1
6	Safety Valve Conn.	NPT 1/2" H:18	106.060.F04.000.001	E275-ST44	1
7	Blind Plug	NPT 1/2" Plug		S235JR	2
8	Sight Glass Type Conn.	SG-SW38 H:27	106.0SW.038.001.001	E275	2
9	Sight Glass	SW38		E275	2
10	Shell	Ø273x4,5 H:590	204.V08.45B.040.008	EN10217-3 P355NH	1
11	Head Torispheric	Ø273x4 H:95	201.045.273.001.001	EN10028-2 P355GH	1
12	Head - Torispheric	Ø273x4 H:95	101.045.273.001.000	P355GH EN10028-2	1
13	Skirt With	Ø247x2,5 H:18	105.004.247.001.001	DD13	1
14	Pipe	Ø28,5X1,5	204.A28.015.000.180	EN10297-1 E235	1

GENERAL NOTES

- Max. allowable operating pressure (PS) according to the temperature range;
- 1) Allowable operating temperature : min. -20C° / max. +130C° PS1 = 45 Bar
- 2) Allowable operating temperature : min. -40C° / max. -20C° PS2 = 33 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& 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		

