

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

Addr.: Hastane Mah. Hadimköy İstanbul Cd. No:78/1  
34555, Arnavutköy, İstanbul, TÜRKİYE  
Tel: +90 212 771 51 12 - 771 51 13  
Fax: +90 212 771 51 10  
www.gvn.com.tr



GVN STANDARD PRODUCT **Customer**

OIL RESERVOIRS **Product**

**OR.45b.10** **Code**

**Customer Code**

**DESIGN DATA**

Capacity [Lt.]	10 L
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-R744
Fluid Group	2
Category	CAT II / D1
Desing Calculation	EN 14276-1/EN 13445-3
Welded Joint Efficiency	0.85
Material Group (Shell / Head)	1.2
Testing Group	3b
Ndt	ACC. TO EN 14276-1
Packaging Size & Weight	00*00*00 & 00 Kg.
Drawed By	M.ABDULAZİZ
Approved By	D.GÜL
Date	17.08.2022
Color	RAL 5009

**MATERIAL DATA**

No	Connection	Model	Code	Material	Qty
1	Inlet Connection	ROT. 1" H:25	106.060.A02.001.001	E275-ST44	1
2	Inlet Valve	RV.45b-3/8s			1
3	Outlet Connection	ROT. 1" H:25	106.060.A02.001.001	E275-ST44	1
4	Outlet Valve	RV.45b-3/8s			1
5	Oil Return Connection	SAE 3/8" H:28	106.060.Y02.001.001	S235JR	1
6	Sight Glass Type Conn.	SG-SW38 H:27	106.05W.038.001.001	E275	2
7	Sight Glass	SW38		E275-ST44	2
8	SHELL	Ø168x3 H:420	204.OR0.45B.010.001	P355NH-EN10217-3	1
9	Head - Torispheric	Ø168x3 H:57	201.045.168.001.005	P355GH-EN10028-2	1
10	Head - Torispheric	Ø168x3 H:57	201.045.168.001.008	EN10028-2 P355GH	1
11	Base Plate	80x80x3	105.001.168.001.001	1.0037 (S235JR)	2

**GENERAL NOTES**

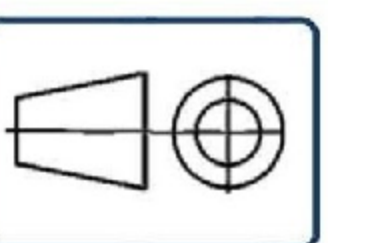
- Max. allowable operating pressure (PS) according to the temperature range;
- 1) Allowable operating temperature : min. -20C° / max. +130C° PS1 = 45 Bar
- 2) Allowable operating temperature : min. -40C° / max. -20C° PS2 = 33 Bar
- Unless otherwise specified do not scale
- Unless otherwise specified 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		



No	Assembly Codes	Qty
1	M001.000067	1
4		1

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