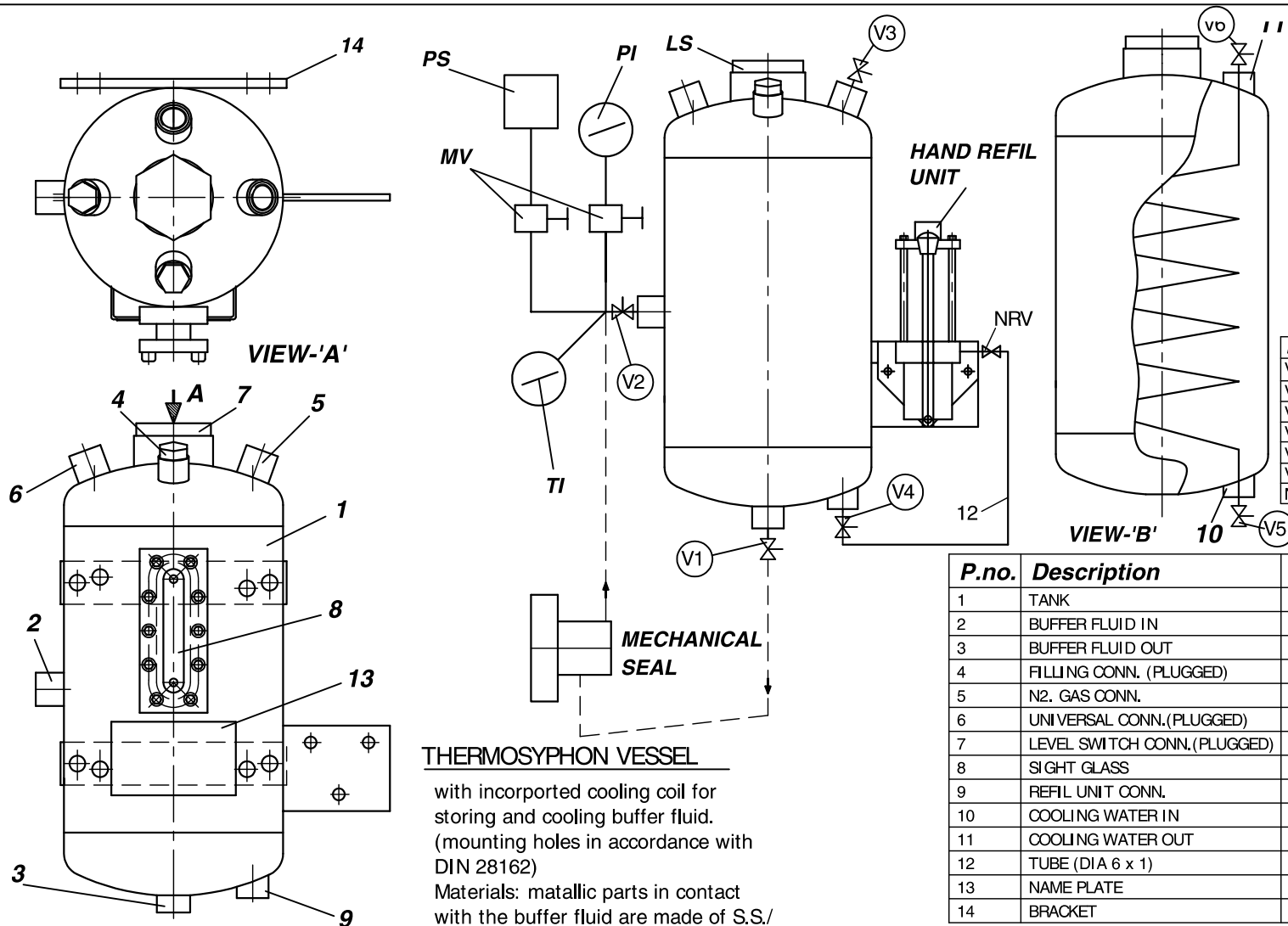




NOTES:

- 1) Height from seal outlet to thermo-Syphon inlet to be 1 to 2 metre.
- 2) Use minimum piping length with increasing slope, large radius bend wherever required.
- 3) Total capacity of container : 9 litres.
- 4) Design pressure : 30 bar
- 5) Hydrotest pressure : 45 bar
- 6) Parts marked # are optional
- 7) Use rigid piping only (schedule 80)

P.no.	Description	Size	Qty	Ma
V1#	BALL VALVE	1/2" NPT (M)	1	STL
V2#	BALL VALVE	1/2" NPT (M)	1	STL
V3#	BALL VALVE	1/2" NPT (M)	1	STL
V4	BALL VALVE	1/4" NPT (M)	1	STL
V5#	BALL VALVE	1/2" NPT (M)	1	STL
V6#	BALL VALVE	1/2" NPT (M)	1	STL
NRV	NON RETURN VALVE	1/4" NPT (M)	1	STL

P.no.	Description	Size	Qty	Material
1	TANK	-	1	
2	BUFFER FLUID IN	1/2" NPT (F)	1	
3	BUFFER FLUID OUT	1/2" NPT (F)	1	
4	FILLING CONN. (PLUGGED)	1/2" NPT (F)	1	
5	N2. GAS CONN.	1/2" NPT (F)	1	
6	UNIVERSAL CONN.(PLUGGED)	1/2" NPT (F)	1	
7	LEVEL SWITCH CONN.(PLUGGED)	2" BSP (F)	1	
8	SIGHT GLASS	STD.	1	
9	REFIL UNIT CONN.	1/4" NPT (F)	1	
10	COOLING WATER IN	1/2" NPT (M)	1	
11	COOLING WATER OUT	1/2" NPT (M)	1	
12	TUBE (DIA 6 x 1)	-	1	
13	NAME PLATE	-	1	
14	BRACKET	-	2	

NOTE : all dimensions are in mm unless otherwise specified $\nabla = R_z 6.3$ $\nabla \nabla = R_z 1.6$ $\nabla \nabla \nabla = R_z 0.$

P.no.	Description	Size	Qty	Matl.
PI	PRESSURE INDICATOR	3/8" NPT (F)	1	STD.
PS #	PRESSURE SWITCH	1/4" NPT (F)	1	STD.
TI #	TEMP. INDICATOR	1" NPT (F)	1	STD.
MV #	MANIFOLD VALVE	1/4" NPT (F)	1	STD.
LS #	LAVEL SWITCH	1/4" NPT (F)	1	STD.
-	HAND REFIL UNIT	1/4" NPT (F)	1	STD.

						SEAL TYPE:
						DESCRIPTION
						THERMOSYPHON SYSTEM
						DRG. No. ATS-100
REV.	DATE	SIGN.				



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