河北润丰 HEBEIRUNFENG

Hebei Runfeng Low Temperature Equipment Co.,Ltd
No.1 Zhenggang Road, Matun Industrial Park, Raoyang County, Hengshui City, Hebei Province,China
https://www.cryogenicchina.com/

Overall Dimensions and Technical Parameters for Liquid Cylinders

Type	Gross Capacity (L)	Working Pressure (MPa)	Tare Weight（Kg）	Max. Theoretical Max. Filling Volume（Kg）					Overall Dimension（mm）	Plate Thickness(mm)		Safety Valve Setting Pressure	Secondary Safety Valve for LNG (Mpa)	Bursting Pressure for Bursting Disc (Mpa)
				LNG	LO2	LN2	LAr	LCO2		Inner vessel	Outer Vessel			
DPL Series - Vertical Cylinders	**80**	**2.3**	84	31	87	62	107	84	φ516*907	4	2.5	2.41	/	3.6
	100	**2.3**	94	38	120	77	133	105	φ516*1037	4	2.5	2.41	/	3.6
	175	**1.37**	116	67	190	135	233	183	φ516*1507	3	2.5	1.59	2.41	2.4
		2.3	133							4	2.5	2.41	/	3.6
		2.88	146							5	2.5	3.45		5.17
		3.45	164							6	2.5	4.14		5.17
	195	**1.37**	125	75	212	150	260	204	φ516*1632	3	2.5	1.59	2.41	2.4
		2.3	145	/						4	2.5	2.41	/	3.6
		2.88	158							5	2.5	3.45		5.17
		3.45	175							6	2.5	4.14		5.17
	210	**1.37**	135	81	228	162	280	220	φ516*1717	3	2.5	1.59	2.41	2.4
		2.3	150	/						4	2.5	2.41	/	3.6
		2.88	166							5	2.5	3.45		5.17
		3.45	184							6	2.5	4.14		5.17
	232	**1.37**	148	/	252	/	/	/	φ516*1910	3	2.5	1.59	/	2.4
	410	**1.37**	325	157	444	315	545	429	890*825*1770	4	3	1.59	2.41	/
	450	**1.37**		/	488	345	599	471	890*825*1850	4	3	1.59	2.41	/
		2.3	370							6	3	2.41	/	3.6
		3.17	425							8	3	3.45		5.17
	500	**1.37**	360	192	542	384	665	523	890*825*2000	4	3	1.59	2.41	/
		2.3	407	/						6	3	2.41	/	3.6
		3.17	448							8	3	3.45		5.17

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				LNG	LO2	LN2	LAr	LCO2		Inner vessel	Outer Vessel			
DPW Series - Horizontal Cylinders	410	1.59	320	158	/	/	/	/	1850*820*1020	4	3	1.9	2.41	2.4
	499	1.59	353	192	541	383	664	522	2100*820*1020	4	3	1.9	2.41	2.4
		2.1	383	/						5	3	2.86	/	3.6
		2.5	420							6	3	2.86		3.6
		3.45	485							8	3	4.15		5.17

Remarks: The maximum filling volume was calculated based on the boiling point of the liquid under normal atmospheric pressure.
The actual filling volume is affected by the temperature of the liquid and the pressure in the container, which is about 95% of the maximum theoretical filling volume for LO2, LN2, LAr and about 90% for LNG.