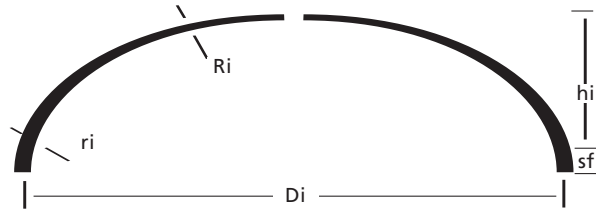


2:1 SEMI ELLIPSOIDAL DISHED ENDS

2:1 Ratio - Type A

Deep pressure vessel ends with:

- an inside height (h_i) equal to 25% of the inside diameter (D_i)
- a spherical/crown radius (R_i) within 75% to 100% of the D_i
- a corner/knuckle radius (r_i) between 12.5% and 18.75% of the D_i



D_i/D_o mm	R_i mm	r_i mm	Thk Min Max	h_i mm	Vol litres
400	302	51	2-8	100	8
500	380	65	2-8	125	16
600	480	90	3-10	151	28
700	600	120	3-10	179	47
800	600	100	3-10	200	64
900	750	150	3 - 13	230	99
950	780	150	3 - 13	240	114
1000	800	150	3 - 16	252	130
1100	840	150	3 - 16	278	170
1200	1030	200	3 - 20	303	232
1300	1050	200	4 - 20	329	289
1400	1090	200	4 - 22	354	354
1500	1210	230	4 - 22	379	444
1600	1250	230	4 - 22	404	529
1700	1340	250	4 - 22	430	639
1800	1380	250	4 - 22	456	749
1900	1570	300	4 - 22	479	907
2000	1600	300	4 - 22	505	1044
2100	1640	300	5 - 22	530	1194
2200	1820	350	5 - 22	556	1413
2300	1850	350	5 - 22	581	1595
2400	1890	350	5 - 22	606	1792
2500	2080	400	5 - 22	631	2075
2750	2160	400	6 - 22	695	2696
3000	2400	450	6 - 22	757	3573
3250	2640	500	6 - 22	820	4534
3500	2730	500	6 - 22	883	5529
3750	3120	600	6 - 20	949	7003
4000	3200	600	6 - 20	1009	8352
4250	3300	600	6 - 20	1072	9868
4500	3410	600	6 - 20	1136	11567
4800	3600	600	6 - 20	1200	13757

All intermediate diameters are possible.

h_i and vol are theoretical and given for guidance only.

R_i will vary slightly on spun heads.

Volumes & heights do not include straight flange.

Straight flange available up to a maximum of 75mm, dependent on material thickness.