

S = 8000		2:1 Ratio Semi Elliptical Heads								© 2003 Pressure Vessel Engineering Ltd. www.pveng.com										
no corrosion allowance, thickness as formed, ASME VIII-1 App 1-4(c), skirt not included										Phone: (519)-880-9808 Fax: (519) 880-9810										
Head Thickness		0.063	0.125	0.188	0.250	0.313	0.375	0.438	0.500	0.625	0.750	0.875	1.000	1.125	1.250	1.375	1.500	1.750	2.000	Inch
12" 1' diameter	Max PSI at E=1.00	84	170	258	346	437	530	624	721	920	1127	1343	1569	1805	2051	2310	2581	3164	3810	PSI
	Max PSI at E=0.85	72	144	219	294	372	450	531	613	782	958	1141	1333	1534	1744	1963	2194	2689	3238	PSI
	Height	3.03	3.06	3.09	3.13	3.16	3.19	3.22	3.25	3.31	3.38	3.44	3.50	3.56	3.63	3.69	3.75	3.88	4.00	Inch
	Volume	0.13	0.12	0.12	0.12	0.11	0.11	0.10	0.10	0.09	0.09	0.08	0.08	0.07	0.06	0.06	0.06	0.05	0.04	ft^3
Weight	2.79	5.5	8.3	10.9	13.6	16.2	18.7	21.2	26.2	30.9	35.5	40.0	44.4	48.5	52.6	56.5	63.9	70.7	Lbs cs	
18" 1' 6" diameter	Max PSI at E=1.00	56	113	170	228	287	346	407	468	593	721	852	988	1127	1270	1417	1569	1886	2222	PSI
	Max PSI at E=0.85	48	96	145	194	244	294	346	398	504	613	725	840	958	1079	1205	1333	1603	1889	PSI
	Height	4.53	4.56	4.59	4.63	4.66	4.69	4.72	4.75	4.81	4.88	4.94	5.00	5.06	5.13	5.19	5.25	5.38	5.50	Inch
	Volume	0.43	0.42	0.41	0.41	0.40	0.39	0.38	0.37	0.36	0.34	0.33	0.31	0.30	0.28	0.27	0.26	0.23	0.21	ft^3
Weight	6.3	12.5	18.8	24.8	30.9	36.9	42.8	48.7	60.3	71.6	82.8	93.7	104.4	114.8	125.1	135.1	154.5	173.0	Lbs cs	
24" 2' diameter	Max PSI at E=1.00	42	84	127	170	213	257	302	346	437	530	624	721	819	920	1022	1127	1343	1569	PSI
	Max PSI at E=0.85	36	72	108	144	181	219	256	294	372	450	531	613	696	782	869	958	1141	1333	PSI
	Height	6.03	6.06	6.09	6.13	6.16	6.19	6.22	6.25	6.31	6.38	6.44	6.50	6.56	6.63	6.69	6.75	6.88	7.00	Inch
	Volume	1.03	1.01	1.00	0.98	0.97	0.95	0.94	0.92	0.89	0.86	0.83	0.81	0.78	0.75	0.73	0.70	0.65	0.61	ft^3
Weight	11.2	22.3	33.5	44.3	55.2	66.0	76.8	87.4	108.5	129.2	149.7	169.8	189.7	209.2	228.4	247.4	284.4	320.2	Lbs cs	
30" 2' 6" diameter	Max PSI at E=1.00	33	67	101	135	170	205	240	275	346	419	493	567	643	721	799	879	1043	1212	PSI
	Max PSI at E=0.85	28	57	86	115	144	174	204	234	294	356	419	482	547	613	679	747	886	1030	PSI
	Height	7.53	7.56	7.59	7.63	7.66	7.69	7.72	7.75	7.81	7.88	7.94	8.00	8.06	8.13	8.19	8.25	8.38	8.50	Inch
	Volume	2.02	1.99	1.97	1.94	1.92	1.90	1.87	1.85	1.80	1.75	1.71	1.66	1.62	1.58	1.53	1.49	1.41	1.33	ft^3
Weight	17.5	34.9	52.4	69.5	86.6	103.6	120.5	137.4	170.7	203.7	236.3	268.5	300.3	331.7	362.7	393.4	453.6	512.3	Lbs cs	
36" 3' diameter	Max PSI at E=1.00	28	56	84	113	141	170	199	228	287	346	407	468	530	593	656	721	852	988	PSI
	Max PSI at E=0.85	24	48	72	96	120	144	169	194	244	294	346	398	450	504	558	613	725	840	PSI
	Height	9.03	9.06	9.09	9.13	9.16	9.19	9.22	9.25	9.31	9.38	9.44	9.50	9.56	9.63	9.69	9.75	9.88	10.00	Inch
	Volume	3.50	3.46	3.42	3.39	3.35	3.32	3.28	3.25	3.18	3.11	3.04	2.98	2.91	2.85	2.78	2.72	2.60	2.48	ft^3
Weight	25.2	50.4	75.5	100.2	125.0	149.6	174.1	198.6	247.0	295.0	342.5	389.6	436.2	482.3	528.0	573.2	662.2	749.5	Lbs cs	
42" 3' 6" diameter	Max PSI at E=1.00	24	48	72	96	121	145	170	195	245	295	346	398	450	503	557	611	721	833	PSI
	Max PSI at E=0.85	20	41	61	82	103	123	144	165	208	251	294	338	383	428	473	519	613	708	PSI
	Height	10.53	10.56	10.59	10.63	10.66	10.69	10.72	10.75	10.81	10.88	10.94	11.00	11.06	11.13	11.19	11.25	11.38	11.50	Inch
	Volume	5.56	5.51	5.46	5.41	5.37	5.32	5.27	5.22	5.13	5.03	4.94	4.85	4.76	4.67	4.58	4.49	4.32	4.16	ft^3
Weight	34.4	68.6	102.9	136.6	170.4	204.1	237.6	271.0	337.4	403.2	468.4	533.2	597.4	661.0	724.1	786.7	910.2	1031.6	Lbs cs	
48" 4' diameter	Max PSI at E=1.00	21	42	63	84	105	127	148	170	213	257	302	346	392	437	483	530	624	721	PSI
	Max PSI at E=0.85	18	36	54	72	90	108	126	144	181	219	256	294	333	372	411	450	531	613	PSI
	Height	12.03	12.06	12.09	12.13	12.16	12.19	12.22	12.25	12.31	12.38	12.44	12.50	12.56	12.63	12.69	12.75	12.88	13.00	Inch
	Volume	8.31	8.25	8.18	8.12	8.05	7.99	7.93	7.86	7.74	7.62	7.49	7.37	7.25	7.14	7.02	6.90	6.68	6.45	ft^3
Weight	44.9	89.6	134.5	178.6	222.9	266.9	310.9	354.7	441.8	528.2	614.0	699.3	783.8	867.8	951.1	1033.9	1197.5	1358.6	Lbs cs	
54" 4' 6" diameter	Max PSI at E=1.00	19	37	56	75	94	113	132	151	189	228	267	307	346	386	427	468	551	635	PSI
	Max PSI at E=0.85	16	32	48	63	80	96	112	128	161	194	227	261	294	329	363	398	468	540	PSI
	Height	13.53	13.56	13.59	13.63	13.66	13.69	13.72	13.75	13.81	13.88	13.94	14.00	14.06	14.13	14.19	14.25	14.38	14.50	Inch
	Volume	11.85	11.76	11.68	11.60	11.52	11.44	11.36	11.28	11.12	10.96	10.81	10.65	10.50	10.35	10.20	10.05	9.76	9.47	ft^3
Weight	56.8	113.5	170.4	226.2	282.3	338.3	394.0	449.6	560.2	670.1	779.3	887.8	995.6	1102.7	1209.1	1314.8	1524.1	1730.7	Lbs cs	

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Head Thickness		0.063	0.125	0.188	0.250	0.313	0.375	0.438	0.500	0.625	0.750	0.875	1.000	1.125	1.250	1.375	1.500	1.750	2.000	Inch
60" 5' diameter	Max PSI at E=1.00	17	33	50	67	84	101	118	135	170	205	240	275	310	346	382	419	493	567	PSI
	Max PSI at E=0.85	14	28	43	57	72	86	100	115	144	174	204	234	264	294	325	356	419	482	PSI
	Height	15.03	15.06	15.09	15.13	15.16	15.19	15.22	15.25	15.31	15.38	15.44	15.50	15.56	15.63	15.69	15.75	15.88	16.00	Inch
	Volume	16.26	16.16	16.06	15.96	15.86	15.76	15.66	15.56	15.36	15.17	14.97	14.78	14.59	14.40	14.21	14.03	13.66	13.30	ft^3
	Weight	70.2	140.1	210.4	279.5	348.8	418.0	487.0	555.7	692.7	828.9	964.3	1098.9	1232.7	1365.7	1498.0	1629.5	1890.1	2147.7	Lbs cs
66" 5' 6" diameter	Max PSI at E=1.00	15	30	46	61	76	92	107	123	154	186	217	249	281	314	346	379	446	513	PSI
	Max PSI at E=0.85	13	26	39	52	65	78	91	104	131	158	185	212	239	267	294	322	379	436	PSI
	Height	16.53	16.56	16.59	16.63	16.66	16.69	16.72	16.75	16.81	16.88	16.94	17.00	17.06	17.13	17.19	17.25	17.38	17.50	Inch
	Volume	21.65	21.53	21.41	21.29	21.17	21.04	20.92	20.80	20.56	20.33	20.09	19.86	19.63	19.40	19.17	18.94	18.49	18.05	ft^3
	Weight	84.9	169.6	254.7	338.3	422.4	506.2	589.8	673.2	839.3	1004.5	1168.9	1332.4	1495.1	1656.8	1817.8	1977.9	2295.5	2609.6	Lbs cs
72" 6' diameter	Max PSI at E=1.00	14	28	42	56	70	84	98	113	141	170	199	228	257	287	316	346	407	468	PSI
	Max PSI at E=0.85	12	24	36	48	59	72	84	96	120	144	169	194	219	244	269	294	346	398	PSI
	Height	18.03	18.06	18.09	18.13	18.16	18.19	18.22	18.25	18.31	18.38	18.44	18.50	18.56	18.63	18.69	18.75	18.88	19.00	Inch
	Volume	28.13	27.98	27.83	27.69	27.54	27.40	27.26	27.11	26.83	26.54	26.26	25.98	25.71	25.43	25.16	24.89	24.35	23.82	ft^3
	Weight	101.1	201.9	303.3	402.8	502.9	602.8	702.4	801.8	999.9	1197.0	1393.2	1588.4	1782.7	1976.1	2168.5	2360.0	2740.1	3116.6	Lbs cs
78" 6' 6" diameter	Max PSI at E=1.00	13	26	39	52	65	78	91	104	130	157	183	210	237	264	291	319	374	430	PSI
	Max PSI at E=0.85	11	22	33	44	55	66	77	88	111	133	156	178	201	224	248	271	318	366	PSI
	Height	19.53	19.56	19.59	19.63	19.66	19.69	19.72	19.75	19.81	19.88	19.94	20.00	20.06	20.13	20.19	20.25	20.38	20.50	Inch
	Volume	35.78	35.60	35.43	35.26	35.09	34.92	34.75	34.58	34.25	33.91	33.58	33.25	32.93	32.60	32.28	31.96	31.32	30.70	ft^3
	Weight	118.6	237.0	356.0	472.9	590.5	707.8	824.9	941.7	1174.5	1406.4	1637.1	1866.9	2095.7	2323.4	2550.1	2775.8	3224.2	3668.5	Lbs cs
84" 7' diameter	Max PSI at E=1.00	12	24	36	48	60	72	84	96	121	145	170	195	220	245	270	295	346	398	PSI
	Max PSI at E=0.85	10	20	31	41	51	61	72	82	103	123	144	165	187	208	229	251	294	338	PSI
	Height	21.03	21.06	21.09	21.13	21.16	21.19	21.22	21.25	21.31	21.38	21.44	21.50	21.56	21.63	21.69	21.75	21.88	22.00	Inch
	Volume	44.70	44.50	44.30	44.10	43.90	43.71	43.51	43.31	42.92	42.54	42.15	41.77	41.39	41.01	40.63	40.26	39.52	38.79	ft^3
	Weight	137.6	274.9	413.0	548.6	685.1	821.3	957.2	1092.8	1363.2	1632.6	1900.8	2167.9	2433.9	2698.8	2962.7	3225.4	3747.5	4265.4	Lbs cs
90" 7' 6" diameter	Max PSI at E=1.00	11	22	34	45	56	67	78	90	113	135	158	181	205	228	251	275	322	370	PSI
	Max PSI at E=0.85	9	19	29	38	48	57	67	76	96	115	135	154	174	194	214	234	274	315	PSI
	Height	22.53	22.56	22.59	22.63	22.66	22.69	22.72	22.75	22.81	22.88	22.94	23.00	23.06	23.13	23.19	23.25	23.38	23.50	Inch
	Volume	54.99	54.76	54.53	54.31	54.08	53.85	53.63	53.40	52.95	52.51	52.06	51.62	51.18	50.75	50.31	49.88	49.03	48.18	ft^3
	Weight	157.9	315.6	474.2	630.0	786.7	943.2	1099.3	1255.2	1566.0	1875.6	2184.1	2491.4	2797.5	3102.4	3406.1	3708.7	4310.3	4907.2	Lbs cs
96" 8' diameter	Max PSI at E=1.00	10	21	31	42	52	63	74	84	105	127	148	170	192	213	235	257	302	346	PSI
	Max PSI at E=0.85	9	18	27	36	45	54	62	72	90	108	126	144	163	181	200	219	256	294	PSI
	Height	24.03	24.06	24.09	24.13	24.16	24.19	24.22	24.25	24.31	24.38	24.44	24.50	24.56	24.63	24.69	24.75	24.88	25.00	Inch
	Volume	66.76	66.50	66.24	65.98	65.72	65.46	65.20	64.95	64.44	63.93	63.42	62.92	62.42	61.92	61.42	60.93	59.95	58.99	ft^3
	Weight	179.7	359.1	539.6	716.9	895.4	1073.5	1251.3	1428.8	1782.8	2135.6	2487.1	2837.3	3186.3	3534.0	3880.5	4225.7	4912.3	5594.0	Lbs cs
102" 8' 6" diameter	Max PSI at E=1.00	10	20	30	39	49	59	69	79	99	119	139	160	180	201	221	242	283	325	PSI
	Max PSI at E=0.85	8	17	25	33	42	50	59	67	84	101	118	136	153	170	188	205	241	276	PSI
	Height	25.53	25.56	25.59	25.63	25.66	25.69	25.72	25.75	25.81	25.88	25.94	26.00	26.06	26.13	26.19	26.25	26.38	26.50	Inch
	Volume	80.09	79.80	79.50	79.21	78.92	78.63	78.34	78.05	77.47	76.89	76.32	75.75	75.19	74.62	74.06	73.50	72.39	71.30	ft^3
	Weight	202.9	405.4	609.3	809.5	1011.1	1212.3	1413.1	1613.7	2013.7	2412.4	2809.7	3205.8	3600.4	3993.8	4385.8	4776.4	5553.8	6325.8	Lbs cs

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Head Thickness		0.063	0.125	0.188	0.250	0.313	0.375	0.438	0.500	0.625	0.750	0.875	1.000	1.125	1.250	1.375	1.500	1.750	2.000	Inch
108" 9' diameter	Max PSI at E=1.00	9	19	28	37	47	56	65	75	94	113	132	151	170	189	208	228	267	307	PSI
	Max PSI at E=0.85	8	16	24	32	40	48	55	63	80	96	112	128	144	161	177	194	227	261	PSI
	Height	27.03	27.06	27.09	27.13	27.16	27.19	27.22	27.25	27.31	27.38	27.44	27.50	27.56	27.63	27.69	27.75	27.88	28.00	Inch
	Volume	95.09	94.76	94.43	94.11	93.78	93.45	93.13	92.80	92.15	91.50	90.86	90.22	89.59	88.95	88.32	87.69	86.45	85.21	ft^3
	Weight	227	455	683	908	1134	1359	1585	1810	2259	2706	3152	3597	4040	4482	4922	5361	6235	7103	Lbs cs
114" 9' 6" diameter	Max PSI at E=1.00	9	18	26	35	44	53	62	71	89	107	125	143	161	179	197	216	253	290	PSI
	Max PSI at E=0.85	7	15	22	30	37	45	53	60	75	91	106	121	137	152	168	183	215	246	PSI
	Height	28.53	28.56	28.59	28.63	28.66	28.69	28.72	28.75	28.81	28.88	28.94	29.00	29.06	29.13	29.19	29.25	29.38	29.50	Inch
	Volume	111.86	111.49	111.12	110.76	110.39	110.03	109.67	109.30	108.58	107.86	107.14	106.43	105.72	105.01	104.30	103.60	102.21	100.83	ft^3
	Weight	253	507	761	1012	1264	1515	1766	2017	2518	3017	3514	4010	4505	4998	5489	5979	6955	7924	Lbs cs
120" 10' diameter	Max PSI at E=1.00	8	17	25	33	42	50	59	67	84	101	118	135	153	170	187	205	240	275	PSI
	Max PSI at E=0.85	7	14	21	28	36	43	50	57	72	86	100	115	130	144	159	174	204	234	PSI
	Height	30.03	30.06	30.09	30.13	30.16	30.19	30.22	30.25	30.31	30.38	30.44	30.50	30.56	30.63	30.69	30.75	30.88	31.00	Inch
	Volume	130.49	130.08	129.67	129.27	128.87	128.46	128.06	127.65	126.85	126.05	125.26	124.46	123.67	122.89	122.10	121.33	119.78	118.24	ft^3
	Weight	281	561	844	1121	1400	1679	1958	2236	2791	3344	3896	4446	4995	5542	6087	6631	7714	8791	Lbs cs
126" 10' 6" diameter	Max PSI at E=1.00	8	16	24	32	40	48	56	64	80	96	113	129	145	162	178	195	228	261	PSI
	Max PSI at E=0.85	7	14	20	27	34	41	48	54	68	82	96	110	123	137	151	165	194	222	PSI
	Height	31.53	31.56	31.59	31.63	31.66	31.69	31.72	31.75	31.81	31.88	31.94	32.00	32.06	32.13	32.19	32.25	32.38	32.50	Inch
	Volume	151.08	150.63	150.18	149.74	149.29	148.84	148.40	147.95	147.07	146.19	145.31	144.43	143.56	142.69	141.83	140.96	139.25	137.55	ft^3
	Weight	310	619	930	1236	1544	1852	2159	2465	3078	3688	4297	4904	5510	6114	6716	7317	8513	9703	Lbs cs
132" 11' diameter	Max PSI at E=1.00	8	15	23	30	38	46	53	61	76	92	107	123	138	154	170	186	217	249	PSI
	Max PSI at E=0.85	6	13	19	26	32	39	45	52	65	78	91	104	118	131	144	158	185	212	PSI
	Height	33.03	33.06	33.09	33.13	33.16	33.19	33.22	33.25	33.31	33.38	33.44	33.50	33.56	33.63	33.69	33.75	33.88	34.00	Inch
	Volume	173.73	173.24	172.74	172.26	171.76	171.27	170.79	170.30	169.32	168.36	167.39	166.43	165.47	164.51	163.56	162.62	160.73	158.86	ft^3
	Weight	340	679	1021	1357	1695	2033	2370	2707	3379	4049	4718	5385	6051	6714	7376	8036	9351	10659	Lbs cs
138" 11' 6" diameter	Max PSI at E=1.00	7	15	22	29	36	44	51	58	73	88	103	117	132	147	162	177	208	238	PSI
	Max PSI at E=0.85	6	12	19	25	31	37	43	50	62	75	87	100	113	125	138	151	176	202	PSI
	Height	34.53	34.56	34.59	34.63	34.66	34.69	34.72	34.75	34.81	34.88	34.94	35.00	35.06	35.13	35.19	35.25	35.38	35.50	Inch
	Volume	198.54	198.00	197.46	196.93	196.39	195.85	195.32	194.79	193.72	192.66	191.60	190.55	189.50	188.46	187.42	186.38	184.32	182.27	ft^3
	Weight	371	742	1116	1483	1853	2222	2591	2959	3694	4427	5159	5889	6616	7342	8067	8789	10229	11661	Lbs cs
144" 12' diameter	Max PSI at E=1.00	7	14	21	28	35	42	49	56	70	84	98	113	127	141	155	170	199	228	PSI
	Max PSI at E=0.85	6	12	18	24	30	36	42	48	59	72	84	96	108	120	132	144	169	194	PSI
	Height	36.03	36.06	36.09	36.13	36.16	36.19	36.22	36.25	36.31	36.38	36.44	36.50	36.56	36.63	36.69	36.75	36.88	37.00	Inch
	Volume	225.61	225.02	224.43	223.85	223.26	222.68	222.10	221.51	220.36	219.20	218.05	216.90	215.76	214.62	213.48	212.35	210.10	207.86	ft^3
	Weight	404	808	1215	1615	2018	2420	2821	3222	4023	4822	5619	6414	7208	7999	8788	9576	11145	12707	Lbs cs
150" 12' 6" diameter	Max PSI at E=1.00	7	13	20	27	33	40	47	54	67	81	94	108	122	135	149	163	191	219	PSI
	Max PSI at E=0.85	6	11	17	23	28	34	40	46	57	69	80	92	103	115	127	138	162	186	PSI
	Height	37.53	37.56	37.59	37.63	37.66	37.69	37.72	37.75	37.81	37.88	37.94	38.00	38.06	38.13	38.19	38.25	38.38	38.50	Inch
	Volume	255.02	254.39	253.75	253.12	252.48	251.85	251.22	250.58	249.32	248.07	246.82	245.57	244.33	243.09	241.86	240.63	238.18	235.75	ft^3
	Weight	439	877	1319	1753	2189	2626	3062	3497	4367	5234	6099	6963	7824	8684	9541	10397	12102	13799	Lbs cs

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S = 8000		2:1 Ratio Semi Elliptical Heads								© 2003 Pressure Vessel Engineering Ltd. www.pveng.com										
no corrosion allowance, thickness as formed, ASME VIII-1 App 1-4(c), skirt not included										Phone: (519)-880-9808 Fax: (519) 880-9810										
Head Thickness		0.063	0.125	0.188	0.250	0.313	0.375	0.438	0.500	0.625	0.750	0.875	1.000	1.125	1.250	1.375	1.500	1.750	2.000	Inch
156" 13' diameter	Max PSI at E=1.00	6	13	19	26	32	39	45	52	65	78	91	104	117	130	143	157	183	210	PSI
	Max PSI at E=0.85	5	11	16	22	27	33	38	44	55	66	77	88	99	111	122	133	156	178	PSI
	Height	39.03	39.06	39.09	39.13	39.16	39.19	39.22	39.25	39.31	39.38	39.44	39.50	39.56	39.63	39.69	39.75	39.88	40.00	Inch
	Volume	286.90	286.21	285.51	284.83	284.14	283.46	282.77	282.09	280.73	279.37	278.02	276.67	275.32	273.98	272.64	271.31	268.66	266.03	ft³
	Weight	475	949	1426	1896	2368	2841	3312	3783	4724	5662	6599	7533	8466	9396	10325	11251	13097	14935	Lbs cs
162" 13' 6" diameter	Max PSI at E=1.00	6	12	19	25	31	37	43	50	62	75	87	100	113	125	138	151	176	202	PSI
	Max PSI at E=0.85	5	11	16	21	26	32	37	42	53	63	74	85	96	106	117	128	150	172	PSI
	Height	40.53	40.56	40.59	40.63	40.66	40.69	40.72	40.75	40.81	40.88	40.94	41.00	41.06	41.13	41.19	41.25	41.38	41.50	Inch
	Volume	321.32	320.57	319.83	319.09	318.35	317.61	316.87	316.13	314.66	313.20	311.74	310.28	308.83	307.38	305.94	304.50	301.64	298.79	ft³
	Weight	512	1023	1538	2045	2554	3064	3572	4081	5095	6108	7118	8127	9133	10137	11139	12139	14132	16117	Lbs cs
168" 14' diameter	Max PSI at E=1.00	6	12	18	24	30	36	42	48	60	72	84	96	108	121	133	145	170	195	PSI
	Max PSI at E=0.85	5	10	15	20	25	30	36	41	51	61	72	82	92	103	113	123	144	165	PSI
	Height	42.03	42.06	42.09	42.13	42.16	42.19	42.22	42.25	42.31	42.38	42.44	42.50	42.56	42.63	42.69	42.75	42.88	43.00	Inch
	Volume	358.39	357.59	356.78	355.99	355.19	354.40	353.61	352.81	351.23	349.65	348.08	346.51	344.95	343.39	341.84	340.29	337.20	334.14	ft³
	Weight	551	1101	1654	2199	2747	3295	3842	4389	5481	6570	7657	8743	9825	10906	11984	13061	15206	17343	Lbs cs
174" 14' 6" diameter	Max PSI at E=1.00	6	12	17	23	29	35	40	46	58	70	81	93	105	116	128	140	164	188	PSI
	Max PSI at E=0.85	5	10	15	20	25	29	34	39	49	59	69	79	89	99	109	119	139	160	PSI
	Height	43.53	43.56	43.59	43.63	43.66	43.69	43.72	43.75	43.81	43.88	43.94	44.00	44.06	44.13	44.19	44.25	44.38	44.50	Inch
	Volume	398.20	397.35	396.48	395.63	394.78	393.93	393.07	392.22	390.53	388.83	387.14	385.46	383.78	382.11	380.44	378.78	375.46	372.17	ft³
	Weight	591	1181	1775	2359	2947	3535	4122	4709	5880	7049	8216	9381	10543	11703	12861	14016	16320	18615	Lbs cs
180" 15' diameter	Max PSI at E=1.00	6	11	17	22	28	33	39	45	56	67	78	90	101	113	124	135	158	181	PSI
	Max PSI at E=0.85	5	9	14	19	24	28	33	38	48	57	67	76	86	96	105	115	135	154	PSI
	Height	45.03	45.06	45.09	45.13	45.16	45.19	45.22	45.25	45.31	45.38	45.44	45.50	45.56	45.63	45.69	45.75	45.88	46.00	Inch
	Volume	440.87	439.95	439.02	438.12	437.20	436.29	435.38	434.46	432.65	430.83	429.03	427.22	425.43	423.63	421.85	420.06	416.51	412.98	ft³
	Weight	632	1264	1899	2525	3154	3783	4412	5040	6294	7545	8795	10041	11286	12528	13768	15005	17473	19931	Lbs cs
186" 15' 6" diameter	Max PSI at E=1.00	5	11	16	22	27	32	38	43	54	65	76	87	98	109	120	131	153	175	PSI
	Max PSI at E=0.85	5	9	14	18	23	28	32	37	46	55	65	74	83	93	102	111	130	149	PSI
	Height	46.53	46.56	46.59	46.63	46.66	46.69	46.72	46.75	46.81	46.88	46.94	47.00	47.06	47.13	47.19	47.25	47.38	47.50	Inch
	Volume	486.47	485.49	484.50	483.53	482.56	481.58	480.61	479.63	477.69	475.76	473.82	471.90	469.98	468.06	466.15	464.25	460.45	456.68	ft³
	Weight	675	1349	2028	2696	3368	4040	4711	5382	6721	8058	9393	10725	12054	13381	14706	16028	18665	21292	Lbs cs
192" 16' diameter	Max PSI at E=1.00	5	10	16	21	26	31	37	42	52	63	74	84	95	105	116	127	148	170	PSI
	Max PSI at E=0.85	4	9	13	18	22	27	31	36	45	54	62	72	81	90	99	108	126	144	PSI
	Height	48.03	48.06	48.09	48.13	48.16	48.19	48.22	48.25	48.31	48.38	48.44	48.50	48.56	48.63	48.69	48.75	48.88	49.00	Inch
	Volume	535.12	534.07	533.02	531.99	530.95	529.91	528.87	527.83	525.76	523.70	521.64	519.58	517.54	515.49	513.46	511.42	507.37	503.35	ft³
	Weight	719	1438	2161	2873	3589	4305	5021	5736	7163	8588	10010	11430	12848	14263	15675	17085	19897	22699	Lbs cs
198" 16' 6" diameter	Max PSI at E=1.00	5	10	15	20	25	30	35	41	51	61	71	82	92	102	113	123	144	165	PSI
	Max PSI at E=0.85	4	9	13	17	22	26	30	35	43	52	61	69	78	87	96	104	122	140	PSI
	Height	49.53	49.56	49.59	49.63	49.66	49.69	49.72	49.75	49.81	49.88	49.94	50.00	50.06	50.13	50.19	50.25	50.38	50.50	Inch
	Volume	586.90	585.79	584.67	583.57	582.47	581.36	580.26	579.15	576.95	574.75	572.56	570.38	568.20	566.02	563.86	561.69	557.38	553.10	ft³
	Weight	765	1529	2299	3055	3818	4579	5340	6100	7619	9135	10648	12159	13667	15172	16675	18175	21168	24150	Lbs cs

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