

Plates	Storage bolted tank volumes for different heights in meters - Volume m ³ - Diameter meters																					
	H=2		H=3		H=4		H=5		H=5.5		H=6		H=7		H=8		H=9		H=10		H=11	
	Vol. (m ³)	Ø (m)	Vol. (m ³)	Ø (m)	Vol. (m ³)	Ø (m)	Vol. (m ³)	Ø (m)	Vol. (m ³)	Ø (m)	Vol. (m ³)	Ø (m)	Vol. (m ³)	Ø (m)	Vol. (m ³)	Ø (m)	Vol. (m ³)	Ø (m)	Vol. (m ³)	Ø (m)	Vol. (m ³)	Ø (m)
6	31	4.4	46	4.4	62	4.4	77	4.4	81	4.3	88	4.3	103	4.3	118	4.3	133	4.3	147	4.3	162	4.3
7	42	5.2	63	5.2	84	5.2	105	5.2	110	5.1	120	5.1	140	5.1	160	5.1	180	5.1	201	5.1	221	5.1
8	55	5.9	82	5.9	110	5.9	131	5.8	144	5.8	157	5.8	183	5.8	209	5.8	236	5.8	262	5.8	288	5.8
9	69	6.6	104	6.6	139	6.6	166	6.5	182	6.5	199	6.5	232	6.5	265	6.5	298	6.5	331	6.5	364	6.5
10	86	7.4	128	7.4	171	7.4	204	7.2	225	7.2	245	7.2	286	7.2	327	7.2	368	7.2	409	7.2	450	7.2
11	103	8.1	155	8.1	198	7.9	247	7.9	272	7.9	297	7.9	346	7.9	396	7.9	445	7.9	495	7.9	544	7.9
12	123	8.9	177	8.7	235	8.7	294	8.7	324	8.7	353	8.7	412	8.7	471	8.7	530	8.7	588	8.7	647	8.7
13	138	9.4	207	9.4	276	9.4	345	9.4	380	9.4	414	9.4	483	9.4	552	9.4	621	9.4	691	9.4	760	9.4
14	160	10.1	240	10.1	320	10.1	400	10.1	440	10.1	480	10.1	561	10.1	641	10.1	721	10.1	801	10.1	881	10.1
15	184	10.8	276	10.8	368	10.8	460	10.8	506	10.8	551	10.8	643	10.8	735	10.8	827	10.8	919	10.8	1,011	10.8
16	209	11.5	314	11.5	418	11.5	523	11.5	575	11.5	627	11.5	732	11.5	837	11.5	941	11.5	1,046	11.5	1,150	11.5
17	236	12.3	354	12.3	472	12.3	590	12.3	649	12.3	708	12.3	826	12.3	944	12.3	1,062	12.3	1,180	12.3	1,298	12.3
18	265	13.0	397	13.0	529	13.0	662	13.0	728	13.0	794	13.0	926	13.0	1,059	13.0	1,191	13.0	1,323	13.0	1,456	13.0
19	295	13.7	442	13.7	590	13.7	737	13.7	811	13.7	885	13.7	1,032	13.7	1,179	13.7	1,327	13.7	1,474	13.7	1,622	13.7
20	327	14.4	490	14.4	653	14.4	817	14.4	898	14.4	980	14.4	1,143	14.4	1,307	14.4	1,470	14.4	1,633	14.4	1,797	14.4
21	360	15.1	540	15.1	720	15.1	900	15.1	990	15.1	1,080	15.1	1,260	15.1	1,441	15.1	1,621	15.1	1,801	15.1	1,981	15.1
22	395	15.9	593	15.9	790	15.9	988	15.9	1,087	15.9	1,186	15.9	1,383	15.9	1,581	15.9	1,779	15.9	1,976	15.9	2,174	15.9
23	432	16.6	648	16.6	864	16.6	1,080	16.6	1,188	16.6	1,296	16.6	1,512	16.6	1,728	16.6	1,944	16.6	2,160	16.6	2,376	16.6
24	470	17.3	705	17.3	941	17.3	1,176	17.3	1,293	17.3	1,411	17.3	1,646	17.3	1,881	17.3	2,116	17.3	2,352	17.3	2,587	17.3
25	510	18.0	765	18.0	1,021	18.0	1,276	18.0	1,403	18.0	1,531	18.0	1,786	18.0	2,041	18.0	2,296	18.0	2,552	18.0	2,807	18.0
26	552	18.7	828	18.7	1,104	18.7	1,380	18.7	1,518	18.7	1,656	18.7	1,932	18.7	2,208	18.7	2,484	18.7	2,760	18.7	3,036	18.7
27	595	19.5	893	19.5	1,190	19.5	1,488	19.5	1,637	19.5	1,786	19.5	2,083	19.5	2,381	19.5	2,678	19.5	2,976	19.5	3,274	19.5
28	640	20.2	960	20.2	1,280	20.2	1,600	20.2	1,760	20.2	1,920	20.2	2,240	20.2	2,560	20.2	2,880	20.2	3,200	20.2	3,409	19.9
29	687	20.9	1,030	20.9	1,373	20.9	1,716	20.9	1,888	20.9	2,060	20.9	2,403	20.9	2,746	20.9	3,090	20.9	3,433	20.9	3,675	20.6
30	735	21.6	1,102	21.6	1,469	21.6	1,837	21.6	2,021	21.6	2,204	21.6	2,572	21.6	2,939	21.6	3,306	21.6	3,558	21.3	3,914	21.3
31	785	22.3	1,177	22.3	1,569	22.3	1,961	22.3	2,157	22.3	2,354	22.3	2,746	22.3	3,138	22.3	3,530	22.3	3,799	22.0	4,179	22.0
32	836	23.1	1,254	23.1	1,672	23.1	2,090	23.1	2,299	23.1	2,508	23.1	2,926	23.1	3,344	23.1	3,762	23.1	4,048	22.7	4,453	22.7
33	889	23.8	1,333	23.8	1,778	23.8	2,222	23.8	2,445	23.8	2,667	23.8	3,111	23.8	3,556	23.8	3,874	23.4	4,305	23.4	4,753	23.4
34	944	24.5	1,415	24.5	1,887	24.5	2,359	24.5	2,595	24.5	2,831	24.5	3,303	24.5	3,775	24.5	4,113	24.1	4,569	24.1	5,026	24.1
35	1,000	25.2	1,500	25.2	2,000	25.2	2,500	25.2	2,750	25.2	3,000	25.2	3,500	25.2	4,000	25.2	4,358	24.8	4,842	21.8	5,326	24.8
36	1,058	26.0	1,587	26.0	2,116	26.0	2,645	26.0	2,909	26.0	3,174	26.0	3,703	26.0	4,232	26.0	4,610	25.5	5,123	25.5	5,635	25.5
37	1,117	26.7	1,676	26.7	2,235	26.7	2,794	26.7	3,073	26.7	3,352	26.7	3,911	26.7	4,329	26.2	4,870	26.2	5,411	26.2	5,952	26.2
38	1,179	27.4	1,768	27.4	2,357	27.4	2,947	27.4	3,241	27.4	3,536	27.4	4,125	27.4	4,566	27.0	5,137	27.0	5,707	27.0	6,278	27.0
39	1,242	28.1	1,862	28.1	2,483	28.1	3,104	28.1	3,414	28.1	3,725	28.1	4,345	28.1	4,809	27.7	5,411	27.7	6,012	27.7	6,613	27.7
40	1,306	28.8	1,959	28.8	2,612	28.8	3,265	28.8	3,591	28.8	3,918	28.8	4,571	28.8	5,059	28.4	5,692	28.4	6,324	28.4	6,956	28.4
41	1,372	29.6	2,058	29.6	2,744	29.6	3,430	29.6	3,773	29.6	4,116	29.6	4,802	29.6	5,315	29.1	5,980	29.1	6,644	29.1	7,308	29.1
42	1,440	30.3	2,160	30.3	2,880	30.3	3,599	30.3	3,959	30.3	4,319	30.3	4,880	29.8	5,578	29.8	6,275	29.8	6,972	29.8	7,669	29.8
43	1,509	31.0	2,264	31.0	3,018	31.0	3,773	31.0	4,150	31.0	4,527	31.0	5,115	30.5	5,846	30.5						
44	1,580	31.7	2,370	31.7	3,160	31.7	3,950	31.7	4,345	31.7	4,740	31.7	5,356	31.2	6,121	31.2						
45	1,653	32.4	2,479	32.4	3,306	32.4	4,132	32.4	4,545	32.4	4,958	32.4	5,602	31.9	6,403	31.9						
46	1,727	33.2	2,591	33.2	3,454	33.2	4,318	33.2	4,749	33.2	5,181	33.2	5,854	32.6	6,690	32.6						
47	1,803	33.9	2,704	33.9	3,606	33.9	4,507	33.9	4,958	33.9	5,409	33.9	6,111	33.3	6,984	33.3						
48	1,880	34.6	2,821	34.6	3,761	34.6	4,701	34.6	5,171	34.6	5,641	34.6	6,374	34.0	7,284	34.0						
49	1,960	35.3	2,939	35.3	3,919	35.3	4,899	35.3	5,219	34.8	5,693	34.8	6,642	34.8	7,591	34.8						
50	2,040	36.0	3,061	36.0	4,081	36.0	5,101	36.0	5,434	35.5	5,928	35.5	6,916	35.5	7,904	35.5						
51	2,123	36.8	3,184	36.8	4,246	36.8	5,307	36.8	5,653	36.2	6,167	36.2	7,195	36.2	8,223	36.2						
52	2,207	37.5	3,310	37.5	4,414	37.5	5,517	37.5	5,877	36.9	6,412	36.9	7,480	36.9	8,549	36.9						
53	2,292	38.2	3,439	38.2	4,585	38.2	5,731	38.2	6,105	37.6	6,661	37.6	7,771	37.6	8,881	37.6						
54	2,380	38.9	3,570	38.9	4,760	38.9	5,949	38.9	6,338	38.3	6,914	38.3	8,067	38.3	9,219	38.3						

STORAGE BOLTED TANK SUPPLY KIT:

- Plates.
- Manhole 735x535 mm from H>4 and N>14, both included.
- Screws - washers - nuts - gaskets.
- Sealing mortar, concrete base joint and mortar sealing paint.
- Instructional assembly.
- Data sheet and specifications.
- Conformity drawing, construction plan of slab, anchorage and seal.

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Plates	Settling bolted tank surface height in meters				Max Load per Plate Kg
	H=2		H=3		
	Surface	Ø	Surface	Ø	
Units (N)	m ²	m	m ²	m	
6	31	4.4	46	4.4	1,400
7	42	5.2	63	5.2	1,400
8	55	5.9	82	5.9	1,400
9	69	6.6	104	6.6	1,400
10	86	7.4	128	7.4	1,400
11	103	8.1	155	8.1	1,400
12	123	8.9	177	8.7	1,400
13	138	9.4	207	9.4	1,400
14	160	10.1	240	10.1	1,400
15	184	10.8	276	10.8	1,400
16	209	11.5	314	11.5	1,400
17	236	12.3	354	12.3	1,400
18	265	13.0	397	13.0	1,400
19	295	13.7	442	13.7	1,400
20	327	14.4	490	14.4	1,400
21	360	15.1	540	15.1	1,400
22	395	15.9	593	15.9	1,400
23	432	16.6	648	16.6	1,400
24	470	17.3	705	17.3	1,400
25	510	18.0	765	18.0	1,400
26	552	18.7	828	18.7	1,400
27	595	19.5	893	19.5	1,400
28	640	20.2	960	20.2	1,400
29	687	20.9	1,030	20.9	1,400
30	735	21.6	1,102	21.6	1,800
31	785	22.3	1,177	22.3	1,800
32	836	23.1	1,254	23.1	1,800
33	889	23.8	1,333	23.8	1,800
34	944	24.5	1,415	24.5	1,800
35	1,000	25.2	1,500	25.2	1,800
36	1,058	26.0	1,587	26.0	1,800
37	1,117	26.7	1,676	26.7	2,000
38	1,179	27.4	1,768	27.4	2,000
39	1,242	28.1	1,862	28.1	2,000
40	1,306	28.8	1,959	28.8	2,000
41	1,372	29.6	2,058	29.6	2,000
42	1,440	30.3	2,160	30.3	2,000
43	1,509	31.0	2,264	31.0	2,000
44	1,580	31.7	2,370	31.7	2,000
45	1,653	32.4	2,479	32.4	2,800
46	1,727	33.2	2,591	33.2	2,800
47	1,803	33.9	2,704	33.9	2,800
48	1,880	34.6	2,821	34.6	2,800
49	1,960	35.3	2,939	35.3	2,800
50	2,040	36.0	3,061	36.0	2,800
51	2,123	36.8	3,184	36.8	2,800
52	2,207	37.5	3,310	37.5	2,800
53	2,292	38.2	3,439	38.2	2,800
54	2,380	38.9	3,570	38.9	2,800

SETTLING BOLTED TANK SUPPLY KIT:

- The settling tanks are delivered with the same kit as the storage tanks, in particular:
 - Adjustable trapezoidal weir in GRP.
 - Deflector of grease and floatants in GRP.
 - Screws and supports in AISI 304.
 - Oval manhole 735x535 mm, optional.
- Excluded:
 - Settling tank tower.
 - Scraper bridge.
 - Concrete for rolling edge.



Storage Tanks		Hypar Cover - Technical Specifications				
Nº of Plates Units (N)	Diameter m	Diameter m	Total Height m	Height of each Element m	Transporting Height m	Perimetrical Profile mm
		D	H	h	T	
6	4.2	4.4	1.0	0.6	0.5	-
8	5.4	5.6	1.2	0.8	0.7	-
11	7.3	7.5	1.6	1.0	0.9	-
14	9.3	9.5	2.0	1.3	1.1	□ 40x40x3
17	11.3	11.5	2.4	1.5	1.3	□ 40x40x3
20	13.2	13.5	2.8	1.8	1.6	□ 40x40x3
24	15.9	16.1	3.2	2.0	1.8	□ 40x40x3



W-Tank® cover Hypar.



Digesters with tight W-Tank® cover Flat.

Storage Tanks		Flat Cover - Technical Specifications					
Nº of Plates Units (N)	Diameter m	Diameter m	Nº Elements	Nº Pillars	Nº Frames	Type 1 Max Load	Type 2 Max Load
		D	Units	Units	Kg/m²	Kg/m²	Kg/m²
6	4.4	4.6	2	-	-	60	90
7	5.2	5.4	3	-	-	60	90
8	5.9	6.1	3	-	-	60	90
9	6.6	6.8	3	-	-	60	90
10	7.4	7.6	4	1	-	60	90
11	8.1	8.3	4	1	-	60	90
12	8.9	9.1	4	1	-	60	90
13	9.4	9.6	5	1	-	60	90
14	10.1	10.3	5	1	-	60	90
15	10.8	11.0	5	1	-	60	90
16	11.5	11.7	6	5	-	60	90
17	12.3	12.5	6	5	-	60	90
18	13.0	13.2	6	5	-	60	90
19	13.7	13.9	7	5	-	60	90
20	14.4	14.6	7	5	-	60	90
21	15.1	15.3	7	5	-	60	90
22	15.9	16.1	8	5	-	60	90
23	16.6	16.8	8	5	-	60	90
24	17.3	17.5	8	-	3	60	90
25	18.0	18.2	9	-	3	60	90
26	18.7	18.9	9	-	3	60	90
27	19.5	19.7	9	-	3	60	90
28	20.2	20.4	10	-	3	60	90
29	20.9	21.1	10	-	4	60	90
30	21.6	21.8	10	-	4	60	90
31	22.3	22.5	11	-	2	60	90
32	23.1	23.3	11	-	2	60	90
33	23.8	24.0	11	-	4	60	90
34	24.5	24.7	12	-	4	60	90
35	25.2	25.4	12	-	4	60	90
36	26.0	26.2	12	-	4	60	90
37	26.7	26.9	13	-	4	60	90
38	27.4	27.6	13	-	5	60	90
39	28.1	28.3	13	-	5	60	90
40	28.8	29.0	14	-	5	60	90
41	29.6	29.8	14	-	5	60	90
42	30.3	30.5	14	-	5	60	90
43	31.0	31.2	15	-	5	60	90
44	31.7	31.9	15	-	5	60	90
45	32.4	32.6	15	-	5		
46	33.2	33.4	16	-	6		
47	33.9	34.1	16	-	6		
48	34.6	34.8	16	-	6		
49	35.3	35.5	17	-	6		
50	36.0	36.2	17	-	6		
51	36.8	37.0	17	-	6		
52	37.5	37.7	18	-	6		
53	38.2	38.4	18	-	6		
54	38.9	39.1	18	-	7		