

Aboveground tanks

double-skinned

Specification

- Design according to: EN 12285-2 class A or B or according to DIN6616
- Technical documentation approved by Notified body
- Basic material – S235JR according to EN10025-1

Purpose

Storage of flammable and non-flammable, materials harmful to the environment with a density to 1,1 kg/dm³ for EN 12285 class A and to 1,9 kg/dm³ for tanks EN 12285 class B and DIN6616.

Tank characteristics

- Single or multi-chamber tank
- Working pressure: max 0,5 bar
- Working temperature: from -20°C to + 50°C

Tightness

Pressure test of both inner tank and interspace according to the norm:

EN 12285-2	class A	0,3 bar/0,4 bar
EN 12285-2	class B	2,0 bar/0,6 bar
DIN 6618	–	2,0 bar/0,6 bar

Outer surface

Abrasive grit-blasted to grade Sa 2,5 according to PN-ISO 8501-1 and painted in C3 standard or higher.

Standard Equipment

Manhole DN600 with gasket • Steel supports for EN-tanks: 1,9 N/mm², for DIN 6616-tanks 0,15 N/mm² • transport grips • ladder, platform, railing • Filling pipe, suction pipe, venting pipe

Optional Equipment

- Overfill valve, venting valve, de-watering pipe
- System and control pipes
- Contents measuring

Safety

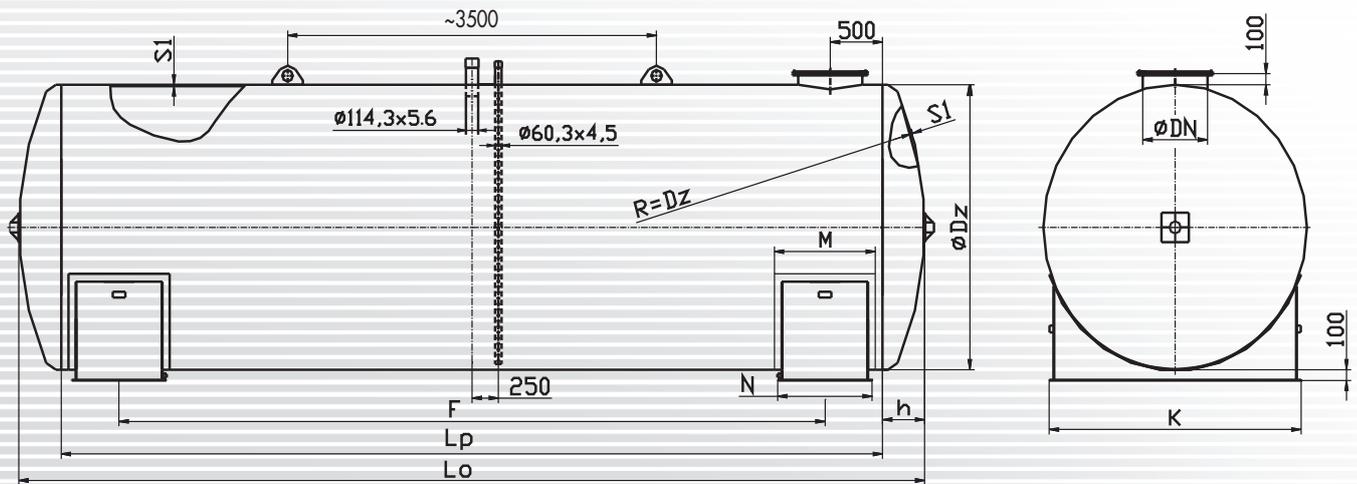
Double skinned above ground steel tanks meet all the requirements for the storage of liquids harmful to groundwater and environment. The space between the internal and external wall is monitored.



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Measures & weights (ca.)

Volume	Diameter	Length	Manhole	Weight		Supports						Wall thickness				Lifting lugs	Strength. ring
				class A	class B	class A			class B			class A		class B			
V	Dz	Lo	DN	G	G	F	N	K	F	N	K	S1	S2	S1	S2	pcs	T 80
[m ³]	[mm]	[mm]	[mm]	[kg]	[kg]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[pcs]	[pcs]
3	1600	2040		946	1020	700			950							2	-
5	1600	3040		1266	1340	1700			1950							2	-
7	1600	3840	600	1518	1590	2500	150	1600	2750	350						2	-
10	1600	5540		2051	2126	4200			4450							2	-
13	1600	7040		2513	2592	5700			5950							2	-
16	1600	8540		2993	3069	7200			7450			5	3	5	3	2	1
10	2000	3660		2143	2335	2000			2200							2	1
13	2000	4660		2588	2780	3000			3200							2	-
16	2000	5660		3044	3237	4000			4200							2	-
20	2000	6810	600	3567	3761	5150	200	2000	5350	600						2	-
25	2000	8660		4394	4588	7000			7200							2	-
30	2000	10160		5133	5328	8500			8700							2	1
36	2000	11960		5943	6138	10300			10500			6	3	6	3	2	1
20	2500	4800		3838	4653	2750			2850							2	-
25	2500	5800		4456	5335	3750			3850							2	-
30	2500	6800		5068	6010	4750			4850							2	1
40	2500	8800	600	6373	7442	6750	250	2500	6850	950						2	1
50	2500	10800		7599	8796	8750			8850							2	1
60	2500	12800		8915	10239	10750			10850							4	2
70	2500	14800		10136	11586	12750			12850			6	4/5	7	4/5	4	2
40	2900	6900		6722	9016	4550			4450							2	1
50	2900	8400		7990	10504	6050			5950							2	1
60	2900	9900	600	9175	11909	7550	300	2900	7450	1350						2	1
70	2900	11400		10347	13301	9050			8950							4	2
80	2900	12900		11612	14786	10550			10450							4	2
100	2900	15900		13974	17588	13550			13450			7	4/5	9	4/5	4	2

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