



4-axle rail tank car 65m<sup>3</sup>, heated and insulated, stainless steel, for the transport of chemical products

Wagon type  
C65k-D8

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#### TECHNICAL DATA

##### 1. General

Serie: Zaces  
 Interoperability-Code: 33 RIV  
 Country of registration: 80 D  
 Manufacturing year: 1980  
 Length over buffers: 14400 mm  
 Distance between bogie centers: 9360 mm  
 Own weight: ca. 23,0 t  
 Axle load: 20,0 t

Limits load:  
(for own weight 23,0t)

	A	B	C
S	41,0 t	49,0 t	57,0 t

Type of brake: KE-GP 16"  
 Brake force of the handbrake: 24,0 t

##### 2. Running gear

Gauge bogie: 1800 mm  
 Bogies: BA 553 (Talbot)  
 Wheelsets: BA 080, 920 mm



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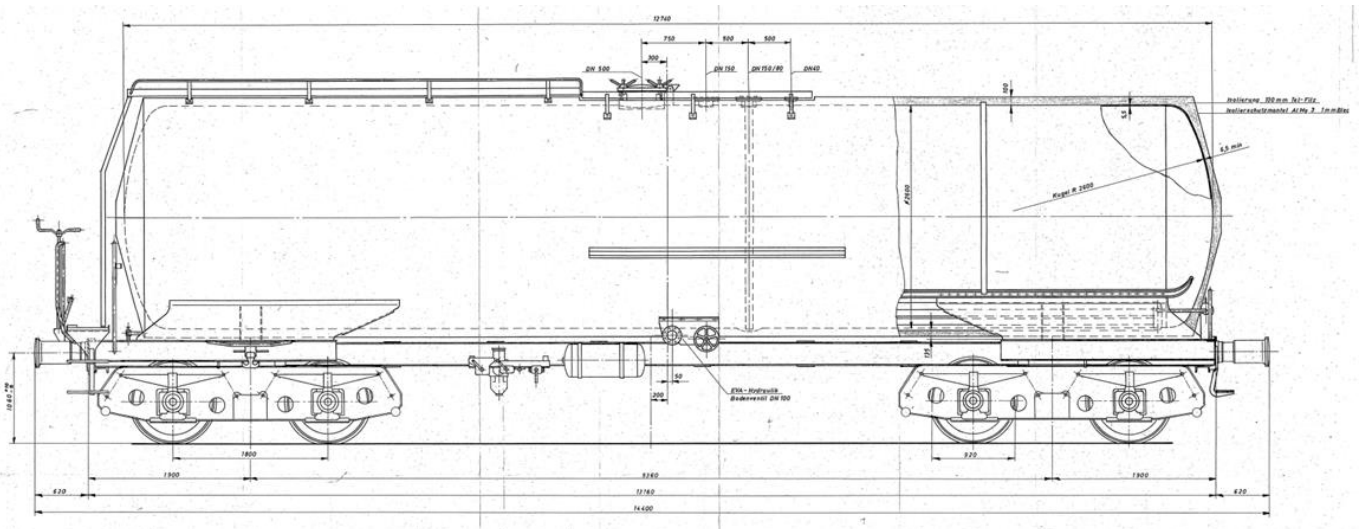
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**3. Tank**

Capacity: 65 m<sup>3</sup>  
 Material: Stainless steel 1.4541  
 Test pressure: 4,0 bar  
 The tank RID-code: L4BH  
 Heating: Yes, outside  
 Insulation: Yes, 100 mm

**4. Loading and unloading devices:**

Filling manhole: 4-screw DN500, on top of tank  
 Bottom valve: DN100 opened from the down of wagon  
 Side valve: DN 100 "EVA" angle-seat, stainless steel, with W 5 ½ " thread connection.





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Data sheet of tank			Number of approval:	D/EBA/800100		
Capacity:	65 m3					
Calculation pressure:	0,4 Mpa		Calculate Temperature:	158 / -20 °C		
Test pressure:	0,4 Mpa					
Operating Pressure:	0,3 Mpa		Diameter of tank:	2 600 mm		
Permissible external pressure:			Length of tank:	12 740 mm		
			Material of tank:	1.4541		
			Material of bottom:	1.4541		
			Nominal thickness:	Minimal thicknes		
			Shell of tank:	5,50 mm	5,25 mm	
			Bottoms:	6,50 mm	5,25 mm	
			Insulation:	Yes		
			Explosion resistance:	No		
			<b>Tank equipment</b>			
Part	Name	Producer	Material	Registration No	DN	Remarks
		Type	Type of Sealling		PN	
1	Filling manhole	4-screw	1.4541		500	
		DIN 26020 B	PTFE		4	
2	Bottom Valve	EVA P137	1.4541		100	
			PTFE		10	
3	Side valve	IBEG 1-0040-02	1.4581	TU.AGG.169-93	100	
		Poppet valve oblique	PTFE		10	
4	Filling nozzle	Schmidding	1.4541		150	
			PTFE		4	
5	Displacement nozzle with displacement pipe	Schmidding	1.4541		125/80	
			PTFE		4	
5.1	Shut-off valve of displacement nozzle	Adler FA1	1.4401	TU.AGG.206-94	80	
		Ball valve	PTFE		16	
6	Aeration nozzle	Schmidding	1.4541		40	
			PTFE		4	
6.1	Shut-off valve of aeration nozzle	Adler FA1	1.4401	TU.AGG.218-94	40	
		Ball valve	PTFE		16	
7	Heating external	Steam	1.4301			
8	Insulation	felt Berga	100 mm			