

Wascosa tank car 3000[®], 80 m³

For the transport of RID Class 9 heavy fuel oil substances



Advantages

- Brake platforms at the ends of each wagon as per Cefic recommendation
- Optional safety equipment: Derailment detector, crash buffers, rollover protection



Payload

Load limits	A	B	C	D	
S	37.8 t	45.8 t	55.8 t	63.8 t	**
120	00.0 t				

Tare weight approx. 26,200 kg

Dimensions

Length over buffers	16,700 mm
Outer axle base	13,460 mm
Track gauge	1,435 mm
Minimum radius	35 m
Axle load	22.5 t
Tank material	P355NH
Tank capacity	80,000 L
Tank code	L4BH
Calculated pressure	4 bar
Max. working pressure	3 bar
Calculated temperature	-20°C / +190 °C
Heating working pressure	12 bar
Insulation	Top-coated aluminium sheets

Technical data

Wheelsets	BA 004 (Ø new 920 mm)
UIC profile	TEN G1, GE
Brake	Knorr KE-GP
Brake blocks	Jurid 816 M B6 (320 mm)
Hand brake	24 t
Bogie	Y25 Ls1
Safety features	Crash buffers, derailment detector, buffer override protection

Equipment

In the upper part of the tank

Manhole	DN 500, 4 tommy screws
Discharge pipe connection with blank stainless steel flange	DN 150
Pressure nozzles with blank stainless steel flange	DN 50
Special connections with blank stainless steel flange	DN 150

In the lower part of the tank

Mechanical bottom valve	BV 40.1, DN 125/DN 100
T-shaped drain pipe – double-sided with slanted seat valve, with 5 ½" thread and plastic cap, alternatively with Ball valves with 5 ½" thread and cap or fitted with a fast coupling	DN 100 / ZV 90.1 – DN 100 / DN 100 / DN 80
T shaped vent pipe with integrated vacuum valve SV 38 SV 38 with a non-return valve – fitted on both sides with reduction pieces, 2" thread and steel cap or fast coupling	DN 80 / DN 80 / DN 50

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