

CHEMICALS TANK CARS

4-axle, heatable and insulated



GENERAL

Tare weight	approx. 24.4 tons
Wheelset load	22.5 tons
Permissible gross weight	90.0 tons
Travelling speed	unladen 120 km/h, laden 100 km/h

UNDERCARRIAGE

Length between buffers	16.80 m
Buffer	Cat. A, 59 t, stroke 105, disk 340x450
Bogie	Y25 Lsd1 (BA 628)
Wheelsets	BA 004
Brake	KE-GP 16"

TANK

Tank material	1.4571, X6CNiMoTi17-12-2, gem. EN 10088
Tank capacity	75 m ³
Tank code	L10BH
Calculated pressure (RID)	10 bar
Test pressure	4 bar
Max. working pressure	3 bar
Explosion shock resistance	yes
Wall thickness	6.1 mm
Heating	approx. 10 m ² (7.5 bar test, 5.0 bar working pressure)
Insulation	100 mm insulation, with stainless steel cover
Thermometer	1 on air tank side
Tank working temperature	-20 °C / +165 °C
Covering cap	without cap, with appropriate fittings

FILLING AND DRAINING EQUIPMENT

Dome	Hinged dome with 4 locking handles DN 500
Bottom valve	EVA bottom valves DN 100 hydraulic
Side valve	Krombach slanted seat valve DN 100
Outlet pipe	Dn 100, heated and insulated
Pressure joint	Dn 40, with Adler ball valve DN 40
Filler neck	DN 150
Special connections	DN 150
Riser pipe connection	DN 150 with Adler ball valve DN 80
Riser pipe	DN 80
Gas displacement	appropriate fittings