

CHEMICALS TANK CARS

4-axle, stainless steel



GENERAL

Tare weight	approx. 22.8 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	15.80 m
Buffer	Cat. A, 59 t, stroke 105, disk 340 x 450
Bogie	Y25 Lsd 1 (BA 628)
Wheelsets	BA 004
Brake	KE-GP 16"
Min. radius of curvature	35 m

TANK

Tank material	1.4571, EN 10028-7 with 15 % higher minimum values
Tank capacity	70 m ³
Tank code	L 10 BH
Calculated pressure (RID)	10 bar
Test pressure	4.0 bar
Max. working pressure	3.0 bar
Max. excess pressure	0.5 bar
Explosion shock resistance	yes
Wall thickness	6.1 mm
Heating	no
Insulation	no

FILLING AND DRAINING EQUIPMENT

Dome	Hinged dome with 4 locking handles DN 500
Bottom valve	EVA bottom valve DN 100 hydraulic
Side valve	KSB slanted seat valve DN 100
Pressure joint	DN 50/40, with Adler ball valve DN 40
Filler neck	DN 150
Special connections	DN 80
Riser pipe connection	DN 125
Riser pipe	DN 80 with Adler ball valve DN 80
Covering cap	yes