

CHEMICALS TANK CARS

4-axle, special car for fluorosulphonic acid



GENERAL

Tare weight	approx. 21.0 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	12.84 m
Buffer	Cat. A, 59 t, stroke 105, disk 340 x 450
Bogie	Y25 Lsd1 (BA 628)
Wheelsets	BA 004
Brake	KE-GP 16"

TANK

Tank material	1.4571 X6CrNiMoTi17-12-2, gem. EN 10088
Tank capacity	50 m ³
Tank code	L10DH
Calculated pressure (RID)	10 bar
Test pressure	4 bar
Max. working pressure	3 bar
Explosion shock resistance (TRT 006)	yes
Wall thickness	6.2 mm
Heating	approx. 8 m ² (9.0 bar bar test, 6.0 bar working pressure)
Insulation	without insulation, with appropriate fittings
Thermometer	without
Tank working temperature	- 20 °C / + 165 °C
Covering cap	yes

FILLING AND DRAINING EQUIPMENT

Dome	Chemicals doem DN 500
Draining	Riser pipe / Pressure joint
Pressure joint	DN 50, blank flange
Filler neck	DN 150, blank flange
Spare connection	DN 80, blank flange
Riser pipe	DN 80, blank flange
Bottom draining	appropriate fittings