

CHEMICALS TANK CARS

4-axle, stainless steel



GENERAL

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|---------------------------------|----------------------------------|
| 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 |