

## HOPPER CARS

### Hopper car, 102 m<sup>3</sup> Tagnpps



#### GENERAL

<b>Tare weight</b>	22.8 tons
<b>Wheelset load</b>	22.5 tons
<b>Permissible gross weight</b>	90.0 tons
<b>Travelling speed</b>	unladen 120 km/h, laden 100 km/h
<b>Field of application</b>	TEN, GE/G1
<b>Smallest track radius</b>	75 m

#### UNDERCARRIAGE

<b>Lenght over buffers</b>	15.40 m
<b>Max. axle base</b>	12.16 m
<b>Buffer</b>	Category A, 40 kJ
<b>Bogies</b>	Y25 Lsdi(f)-KC1
<b>Brake</b>	Knorr CFCB (compact brake)
<b>Brake shoes</b>	C 810 (K-blocks)
<b>Hand brake</b>	on every wagon
<b>Drawgear</b>	strengthened, 1350 kN



#### TANK

<b>Volume</b>	102 m <sup>3</sup>
<b>Inner lining</b>	food grade

#### FILLING- AND DRAINING EQUIPMENT

<b>Loading</b>	Continuous, one-part lateral sliding roof over the entire length of the wagon
<b>Opening of the complete roof</b>	by a handwheel on the platform at the end of the wagon
<b>Unloading</b>	3 optimised unloading hoppers with 6 extra large unloading openings
<b>Size of an unloading opening</b>	length 1350 m x width 320 mm