

Special chemicals tank wagon, 69 m³, Zacens

For the transport of Caprolactam



Advantages

- New safety concept for dangerous goods tank wagons
- Various safety elements
- Optimised brake platforms



Payload

| | | | | | | |
|-------------|-----|--------|--------|--------|--------|----|
| Load limits | | A | B | C | D | ** |
| | S | 40.0 t | 48.0 t | 56.0 t | 66.0 t | |
| | 120 | 00.0 t | | | | |

Tare weight 24,000 kg

Dimensions

| | |
|--------------------------|---------------------------------|
| Length over buffers | 15,740 mm |
| Outer axle base | 12,500 mm |
| Track gauge | 1,435 mm |
| Minimum radius | 35 m |
| Axle load | 22.5 t |
| Tank material | stainless steel material 1.4572 |
| Tank capacity | 69,000 l |
| Tank code | L10BHH |
| Calculated pressure | 10 bar |
| Max. working pressure | 3 bar |
| Calculated temperature | -20°C / +165°C |
| Heating working pressure | 6 bar |
| Insulation | Mineral wool |

Technical data

| | |
|-----------------|---|
| Wheelsets | BA 004 (Ø new 920 mm) |
| UIC profile | RIV, UIC 505-1 |
| Brake | Dako DK-GP-A |
| Brake blocks | Jurid 816 M BGU (250 mm) |
| Hand brake | 21 t |
| Bogie | Y25 Lsd1 |
| Safety features | Optional crash buffers, derailed detector, buffer override protection |

Equipment

| | |
|--|----------------------------|
| Manhole | DN 500 with 4 tommy screws |
| Bottom valve hydraulic | DN 100 |
| Discharge pipe normal, heated and insulated | DN 100 |
| Opening indicator, hydraulic | |
| Thermometer | |
| Vapour return, blank flanged | 50 DN |
| Pressure nozzles with reduction | DN 150/40 |
| Filling nozzles | DN 150 |
| Discharge pipe connection | DN 150/80 |
| Special connection | DN 150 |
| Adler compact flange ball valve on riser pipe connection | DN 80 |
| Adler compact flange ball valve on pressure nozzles | DN 40 |
| KSB or Krombach slanted seat valve with 5 1/2" thread | DN 100 |

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