
TECHNICAL SPECIFICATION

Lindner & Fischer TANK BODY for the transport of potable water

TYPE: TA 120 SW

Volume: approx. 12 000 ltr +3% expansion

Superstructure

The “*Special L&F Low-Torsion body mounting system*” for tank bodies is recommendable due to their strongness, torsion-resistant design, in particular for “Off-Road” operation under rough cross-country conditions.

The elastic connection between the truck chassis and the sub-frame provides a torsion-absorbing function.

This arrangement absorbs any stresses passing from chassis to tank.

The sub-frame is mounted to the truck frame in a way to ensure equal load distribution.

Otherwise mounted according to truck supplier’s “Assembling Instruction”.

Tank support

The tank itself is supported in tank saddles which are bolted on the reinforced longitudinal frame members with heavy duty rubber mountings in front.

Tank

Tank shape: Elliptical 12 000 ltr +3% expansion

Tank compartments: One (1)

Manufactured of high-grade steel –S235JRG2-, electrically welded throughout with accurately finished welding seams. Thickness for shell and heads min. 4 mm.

Dished bulkheads on both sides and appropriate nos. of splash walls.

Level indicator for measure the water level at the rear of tank

Inner-lining for potable/drinking water

Special inner lining for the transport of drinking-water, according. to EU Resolution AP (96)5

Walkway

Open mesh walkway on the right-hand side of the manhole cover, with rear mounted access ladder.

One (1) collapsible handrail made of aluminum, operated manually, fixed as safety barrier, according UVV regulation along the dome-pan.

Operation of handrail next to access ladder.

Dome armatures per compartment

Basic equipment and installations for each tank-compartment:

One (1) dome cover NW 500

One (1) ventilation valve NW 80

Discharge fittings per compartment

At the lowest point of the tank, one (1) discharge pipe DN 80 leads to the right-hand side of the vehicle, ending with shut-off valve with 3" coupling and dust cap.

Pump

One (1) self-sucking pump, installed at the vehicle's chassis, driven by Hatz diesel engine, type 1B20, with manual starting device. The suction pipe is equipped with a suction filter. Suction and delivery connections are provided with hose coupling and cab. Pump capacity, approx. 500 ltr./min at 1,5 bar.

Delivery options

- discharge by gravity via 2 ½" Cam-lock
- discharge with pump via 2 ½" Cam-lock
- self-filling with pump via 2 ½" Cam-lock
- filling with external pump
- filling from top

Hose and hose-carrier

Two (2) lockable, galvanised and painted hose tubes, one (1) on each side of the tank with two (2) hoses

Hose type: NW 80 with 2 ½" Cam-lock coupling

Hose length: approx. 3,00m each

Standard accessories

Wheel chokes (provided by TRUCK supplier) mounted with brackets

One (1) spare wheel carrier with winch mounted on chassis

PVC mudguards with rubber mud-flaps

One (1) lockable tool box mounted on chassis

Special accessories

Yellow reflective strips on rear tank shape and along both sides of tank and cabin

Red/white signal marking at rear of chassis

Paintwork and finishing

All steel parts are sand-blasted and prime-coated.

Tank body painted in one colour silver-grey RAL7001

Inside tank: epoxy inner-lining

Substructure, etc. hot- galvanised not painted.

Acceptance test

Leakage testing of tank 0,35 bar

Functional test

Documentation

One (1) spare part list

One (1) operating manual

All instruction plaques, lists, manuals and signs in English

L&F reserve the right to modify or change specification at any time!