



**IHR PARTNER FÜR DEN
VORBEUGENDEN-
UND ABWEHRENDEN
BRANDSCHUTZ!**

TKW
ARMATUREN

Data sheet

Injection fitting DIN 14461

Description

The injection fitting is equipped with two 45° elbows and Storz-B brass couplings, brass dummy couplings and a draining unit.

Application

The feed fitting enables the fire brigade to feed extinguishing water alternately and successively with several TLF vehicles without interruption. After use, the extinguishing water pipe can be emptied via the drainage tap on the feed fitting.



Important standards to be observed

Standard 14461 - 4 specifies the requirements for the feeder fitting used by the fire brigade to connect B-rated pressure hoses in accordance with DIN 14811. The feeder fitting is installed in the feeder device in accordance with DIN 14461-2.

Standard 14461-2 states that the fire brigade's feed device (for extinguishing water feed) and the tapping device serve as fire extinguishing hose connection devices for extinguishing water pipes "dry" according to DIN 14462. Supply units can also be used as emergency supply units for the fire brigade for "wet" extinguishing water systems in accordance with DIN 14462 or for water extinguishing systems.



The standard includes two different versions:

Hanging:

As a rule, the supply fittings are installed in a hanging version. The 3" assembly screw connection is provided for this. The inlets are curved to allow kink-free connection of the fire department pressure hoses -B-. At the lower end is the outlet hose with a shut-off device. It must be possible to empty the feed fitting and the extinguishing water pipe to such an extent that freezing water residues do not impair its function. If the feed fitting is not the lowest point of the riser, it must be possible to drain it at the lowest point. Installation in the cabinet according to DIN 14461-2

The drain must be installed so that the outlet is on the lower left side of the cabinet when the door is in the right-hand position and so that no water can flow into the cabinet when draining.

Standing:

In this version, the inlets are rotated by 180° to ensure that the hoses can be connected without kinks. The outlet pipe is omitted and the fitting is closed with a blanking plug. This means that drainage via the filling fitting is no longer possible and must be done via the extinguishing water pipe.

Both versions:

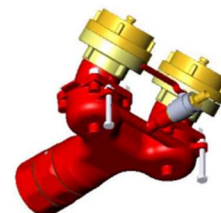
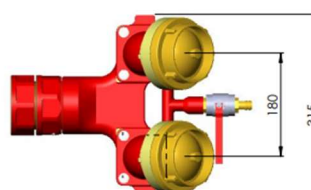
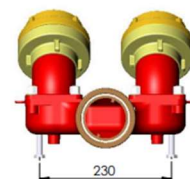
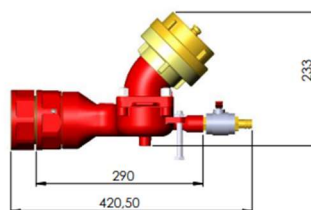
The inlets of the filling device are cranked and can be rotated in 90° steps. It must be possible to connect the B hoses without kinks. The inlets are fitted with blanking couplings and secured with a chain for protection. The spring-loaded non-return valves are located behind the inlets. These operate independently, so that the fire brigade can use the inlets individually or alternately.

Technical data

Hanging version

Art. no. 604100N

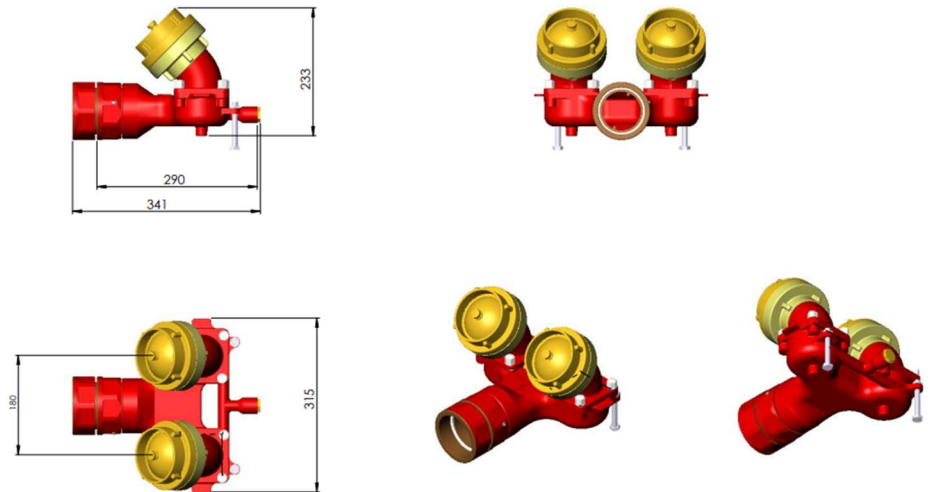
weight 17,2kg



Standing version

Art. No. 604105N

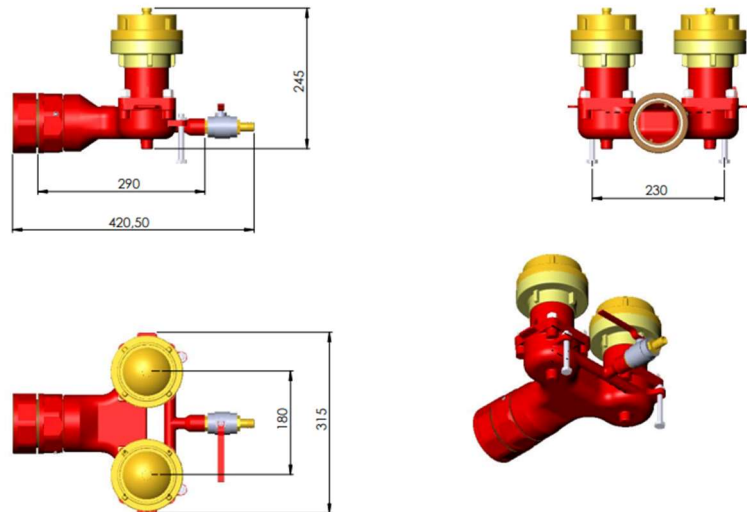
weight 16,9kg



With straight socket

Art. No. 604102NG

weight 17,2kg



Additional variants similar to DIN 14461

Berlin hanging version with end cap Art. No. 604103B

Berlin hanging version with blind coupling Art. No. 604100W

Berlin standing version with end cap Art. No. 604101B

Berlin standing version with blind coupling Art. No. 604105W



Maintenance and care

The feed fitting itself does not require any special maintenance. **HOWEVER, IT IS ALWAYS IMPORTANT** to ensure that the fitting and riser are properly drained. Residual water can cause frost damage and destroy the fitting. The dummy couplings should always be closed. In addition to the legal requirements, the operator should carry out regular checks, particularly to ensure accessibility of the cabinet, its function (corrosion) or the integrity of the seal.

When installing and using feed fittings, not only the rules of technology or the standards 14461 parts 2 and 4 and standard 14462 (rising pipe “dry”) directly affected here must be observed, but also all other standards of the building regulations (standard- and country-specific) and those of fire protection.

Acceptance testing (e.g. 14462), maintenance and servicing can be found in the relevant standards and national regulations and must be strictly adhered to.

These instructions for use do not claim to be complete or correct. Specialist personnel with the appropriate expertise are required to handle such products. All currently valid regulations and laws must be strictly adhered to. This also applies to those not listed in these instructions for use.

