

FRICKE FILLING VALVE

FVS 20 / FVS 21

Below-level filling valve

The FVS 20 and FVS 21 filling valves are the ideal solution for foaming, gassing, or explosive liquids. Filling safely below the liquid level reliably reduces foam formation, emissions, and electrostatic charging.

Available in two different sizes, the valves are manufactured from high-quality stainless steel and offer exceptional durability and process reliability. The three-part, product-contact area allows for efficient cleaning.

Valve sizes:

FVS 20: DN 10 (Ø 14 mm outside),
DN 14 (Ø 18 mm), DN 18 (Ø 22 mm),
DN 24 (Ø 28 mm), DN 32 (Ø 36 mm)

FVS 21: DN 10 (Ø 14 mm outside),
DN 15 (Ø 18 mm), DN 18 (Ø 22 mm),
DN 24 (Ø 28 mm), DN 32 (Ø 36 mm),
DN 40 (Ø 44 mm)

Products:

cleaning agents and solvents,
chemical liquids, mineral oils, glazes,
and other foaming, outgassing, or
explosive media

Advantages

- **Safe & controlled:** below-level filling minimizes foam formation, emissions, and ignition risks
- **Easy to clean:** only three product-contact parts for fast cleaning
- **Process-reliable:** robust stainless-steel valve, high filling accuracy, long service life
- **Quick-change design:** fast disconnection from the two-stage valve opening cylinder (coarse/fine flow)

Containers:

all types of containers

Below-level filling:

for foaming or explosive liquids -
filling below the level

Options:

CIP connection, customized fittings,
and versions for demanding media,
e.g. in PVDF or Hastelloy® are
available

