

TANK EQUIPMENT



TANK BOTTOM VALVE DRAIN/BREAK SEDIMENTS

RPF



- **FLUSH WITH TANK BOTTOM**
- **VALVE DISC COMPLETELY OUT OF FLUID PATH, OFFERING A TOTAL PASSAGE CROSS-SECTION FOR TRANSFERRING ALL TYPES OF PRODUCTS (CLEAR, VISCOUS OR CHARGED)**
- **DRAINING DIAMETER = DOWNSTREAM PROCESS LINE DIAMETER**
- **FOR DRAINING TANKS AND/OR INTRODUCING LIQUIDS UNDER VACUUM**

APPLICATION:

The RFP tank bottom valve is a check valve for draining or adding a liquid to a tank. Its flush design guarantees the absence of retention zones (favourable to bacterial growth) at tank bottom.

The RFP tank bottom valve is available in "sediment drain" version (the disc opens by descending in the valve body) or "sediment break" version (the disc opens by rising into the tank).

The valve disc is completely out of the fluid path when open, thereby preserving product texture. The design of the RFP tank bottom valve provides a maximal throughput cross-section and so there is no need to over-size the valve with respect to the ND of the line to feed.

TECHNICAL DATA:

Materials:

Parts in contact with product: 1.4404 stainless steel (316L)

Gaskets: EPDM

Characteristics:

The standard versions, RFP tank bottom valves are proposed in ND 25, 32, 40, 50, 65, 80 and 100 (DIN), ND 25,38, 51, 63, 76 and 104 (SMS), ND 20, 25, 32, 40, 50, 65 and 80 (ISO) and 1", 1"1/2, 2", 2"1/2, 3" and 4" (OD).

Connection to the tank is with a welded flange and companion flange.

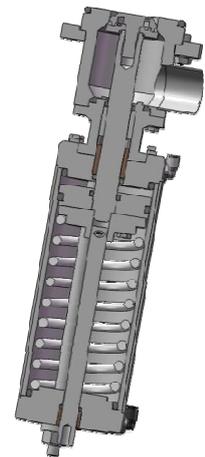
In the standard version, the liquid inlet/outlet connections are smooth to weld.

In the standard version, working pressure must not exceed 6 bars, and temperature 120°C.

The elastomers are US FDA compliant.

OPTIONS:

- ATEX version
- Control unit (with or without solenoid, standard, ATEX or ASi)
- Male or clamp product inlet/outlet
- Gaskets adapted to operating conditions (FKM, silicone, nitrile)
- Other grades of material on demand
- Other sizes on demand.



COMMISSIONING AND MAINTENANCE:

For all information concerning installation, commissioning, use and maintenance of this equipment, refer to technical notice XXX x F.