Stainless Steel Ball Valve with Flanges in DIN Face-to-Face Length, Automatable

Description:
- full passageway
- face-to-face length acc. to EN3202, series 27 (short face-to-face length)
- face-to-face length acc. to EN3202, series 1 (long face-to-face length)
- 2-pcs. body construction
- mounting flange acc. to ISO5211 for direct mounting
- flange acc. to EN1092-1 / PN40 and PN16
- stainless steel hand lever
- antistatic device
- blow out safe, spindle mounted from inside
- any installation position

Range of application:
- standard length enables easy replacement in existing plants
- working pressure PN16 - PN40 (see pressure-temperature-diagram)
- temperature range: -20°C up to +200°C (see pressure temperature diagram)
- pneumatic or electric automatable

Comments:

Blow out protection: Better protection against unintended disengagement of the spindle and the sealing by a blow out protection. No accidental damage possible from outside.

On request the ball valve is pneumatically or electrically automatable.

pos. | part | material (standard) | options
--- | --- | --- | ---
1 | body | 1.4408 | O -
2 | connector | 1.4408 | - -
3 | body sealing | PTFE | T -
4 | ball | 1.4401 | - -
5 | seat sealing | PTFE | T -
6 | spindle | 1.4401 | O -
7 | thrust ring | PTFE | - -
8 | packing for spindle | PTFE | - -
9 | gland | 1.4301 | - -
16 | handle | 1.4301 + plastics | - -

For details about the order code see "Order information". An overview of the complete material code you can find at the beginning of each product section of the product catalogue.

options:
- ZG: certificate
- OF: free of oil and grease
**cv value:** The nominal flow rate CVs acc. to VDI/VDE 2173 shows the water quantity in cubic meter per hour with the valve fully opened, \(\Delta p=1\) and the water temperature between 5°C and 30°C.

Pressure temperature diagram

The pressure temperature diagram shows the max. permitted working pressure in relation of the media temperature.

The pressure temperature diagram refers to the ball valve of this type. For the actuated units the actuator limits the permissible pressure range to the operating pressure as indicated above, as long as this is lower than the pressure range of the ball valve.

If your application has strong temperature variations, you may need additional options like a relief well, to meet the figures.

Please tell us your temperature variations with your order.

**Order information:**
1: type: NFA17, NFB17
3: connection size: 52-60 (see table)
4: materials:
   - 1. digit: body material
     O = stainless steel
   - 2. digit: sealing for spindle
     T = PTFE
   - 3. digit: ball material
     O = stainless steel
   - 4. digit: seat sealing
     T = PTFE
5: options (see "options")

Please ask for field specifications that are not listed in this data sheet.

Before installation please consider the installation and maintenance manual, especially the safety indications!