BALL VALVE WITH FLANGES FOR GAS APPLICATIONS, AUTOMATABLE (GAS)

Description:
- full passageway
- flange acc. to EN1092-1
- face-to-face length acc. to EN558, series 1 (up to DN25)
- face-to-face length acc. to EN558, series 27 (from DN32)
- blow out safe, spindle mounted from inside
- component labelling acc. to TÜV
- DVGW certification for gas
- TA-Luft
- cast iron hand lever
- any installation position

Range of application:
- standard length enables easy replacement in existing plants
- suitable for gas applications
- working pressure PN40
- temperature range: -20°C up to 160°C
- range of application DVGW: -20°C up to 90°C

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.

Alternative flange drilling patterns acc. to PN10, PN25, PN40 are available.

Alternative face-to-face length:
- DN32-DN250 also available in face-to-face length EN558, series 1.
- DN15-DN25 also available in face-to-face length EN558, series 27.

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
- ISO: kit for a mounting flange
BALL VALVE WITH FLANGES FOR GAS APPLICATIONS, AUTOMATABLE (GAS)

**SFA17b**

All valves with flanges for gas applications, automatable (gas)

**Type:**

Errors and changes excepted. Revision: 06/2016-003

Strong Basis. Individual Solutions.

SYSTEM VALVES

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**SYSTEM VALVES**

**match code** | **size** | **nominal pressure** | **nominal size** | **L [mm]** | **H [mm]** | **B [mm]** | **CV value** | **weight [kg]**
---|---|---|---|---|---|---|---|---
SFA17-51-xVxT | DN10 | PN40 | 10 | 130 | 67 | 130 | 16.3 | 1.9
SFA17-52-xVxT | DN15 | PN40 | 15 | 130 | 69 | 130 | 36.7 | 2.4
SFA17-53-xVxT | DN20 | PN40 | 20 | 150 | 71 | 130 | 65.3 | 3.3
SFA17-54-xVxT | DN25 | PN40 | 25 | 160 | 82 | 160 | 102 | 4.4
SFA17-55-xVxT | DN32 | PN40 | 32 | 130 | 117 | 250 | 167 | 8
SFA17-56-xVxT | DN40 | PN40 | 40 | 140 | 121 | 250 | 261 | 9
SFA17-57-xVxT | DN50 | PN40 | 50 | 150 | 128 | 250 | 408 | 13
SFA17-58-xVxT | DN65 | PN16 | 65 | 170 | 158 | 250 | 512 | 20.5
SFA17-59-xVxT | DN80 | PN40 | 80 | 180 | 181 | 368 | 1045 | 29.5
SFA17-60-xVxT | DN100 | PN16 | 100 | 190 | 194 | 350 | 1633 | 36
SFA17-61-xVxT | DN125 | PN16 | 125 | 312 | 312 | 500 | 2552 | 50
SFA17-62-xVxT | DN150 | PN16 | 150 | 350 | 225 | 700 | 3674 | 72
SFA17-63-xVxT | DN200 | PN10 | 200 | 400 | 260 | 700 | 6532 | 108

**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, ∆p=1 and the water temperature between 5°C and 30°C.

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**Pressure temperature diagram**

The pressure temperature diagram refers to the ball valve of this type. 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.

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**Order information:**

1: type: SFA17

2: connection size: 52-63 (see table)

3: materials:

- 1. digit: body material
  - J = steel
  - M = cast iron with spheroidal graphite
  - K = cast steel
  - O = stainless steel

- 2. digit: sealing for spindle
  - B = NBR
  - V = FKM

- 3. digit: ball material
  - F = brass chromium-plated
  - L = grey cast iron
  - O = stainless steel

- 4. digit: seat sealing
  - T = PTFE

4: options (see “options”)

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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!