FLANGED BALL VALVE

Type FG

Advantages

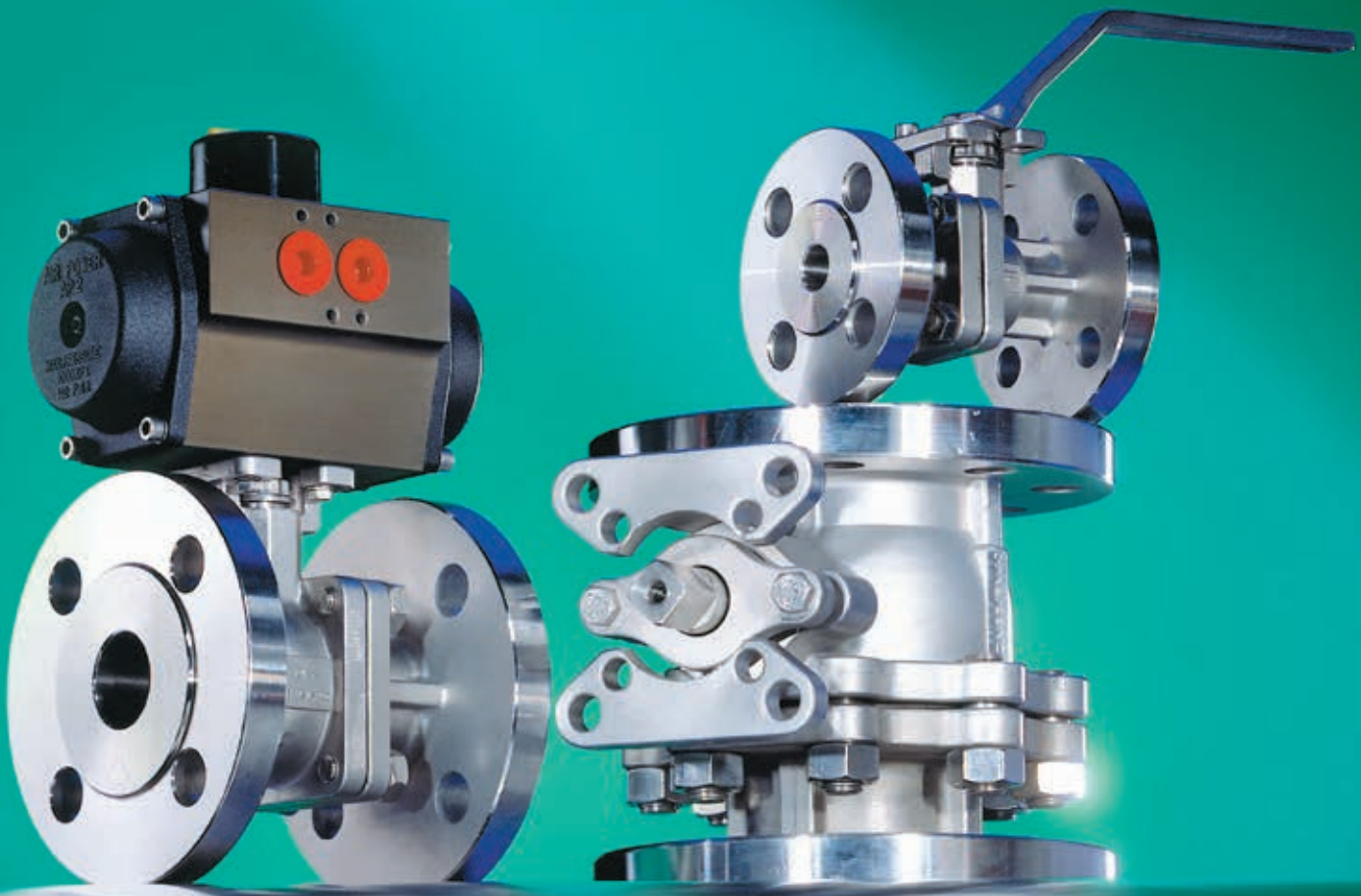
Cost-effective automation and
safe connection

Low pressure loss

Face-to-face dimension
EN 558 line 27 (DIN 3202-F4)
EN 558 line 1 (DIN 3202F1)

High quality guarantees high security

Tests and certificates confirm the
high quality of the ball valve

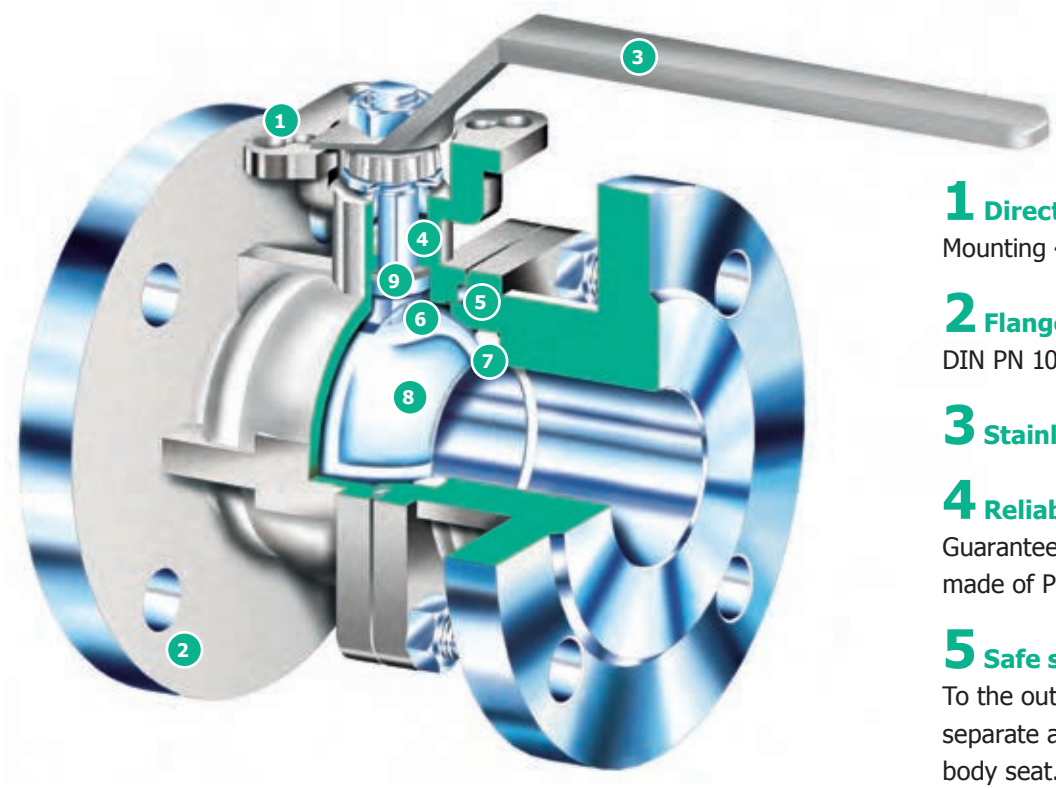


CE TA-LUFT VDI 2440 FDA APPROVED Ex FIRESAFE

TECHNICAL FEATURES

Flanged ball valve | type FG

Two-piece stainless steel ball valve – ideally and cost-effectively prepared for automation according to your requirements



1 Direct mounting
Mounting 4 flange EN ISO 5211

2 Flange connection
DIN PN 10/PN 40

3 Stainless steel hand lever

4 Reliable stem sealing
Guaranteed by spring-loaded V-rings made of PTFE.

5 Safe sealing
To the outside guaranteed by the separate and fully encapsulated body seat.

6 Antistatic design
Standard feature.

7 Seat rings
Materials: PTFE/glass, PTFE/carbon, PTFE, PEEK, UHMWPE, POM, PVDF.

8 Super-polished ball surface
Extremely precise contour (roundness).

9 Anti-blowout stem
Inserted from the inside.

THE TYPES

Flanged ball valve | type FG

Type FG DN 15 – 100

Flanged ball valve
PN 10 – 40

Technical data
Two-piece ball valve for installation between flanges according to DIN EN 1092, pressure class depending on the nominal size up to PN 40, floating ball, vacuum-tight.

Face-to-face dimension
EN 558 line 27 (DIN 3202-F4)
EN 558 line 1 (DIN 3202F1)

Mounting flange
DIN EN ISO 5211

Test
DIN EN 12266 P10, P11, P12
Leakage rate A

Type FG DN 150

Flanged ball valve
PN 16

Technical data
Two-piece ball valve for installation between flanges according to DIN EN 1092, pressure class PN 16, floating ball, vacuum-tight.

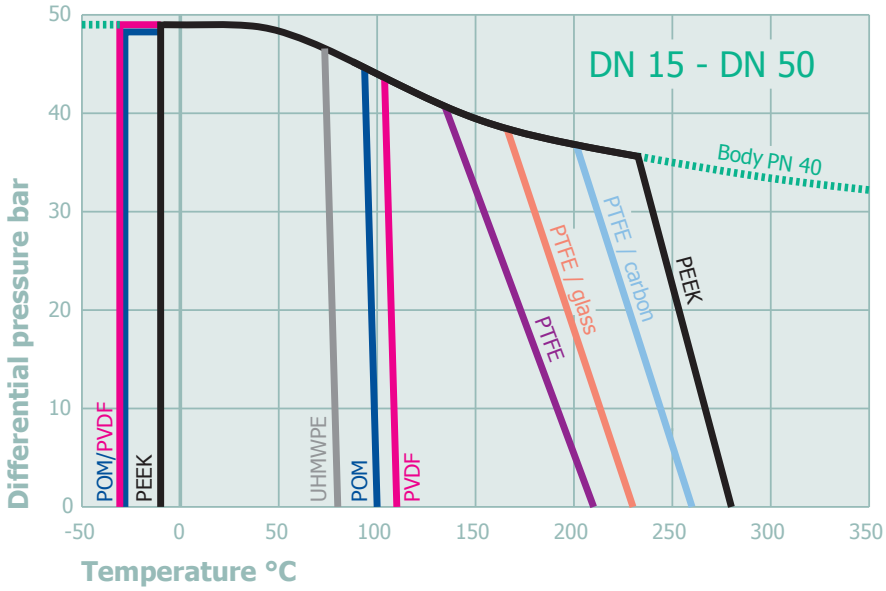
Mounting flange
DIN EN ISO 5211

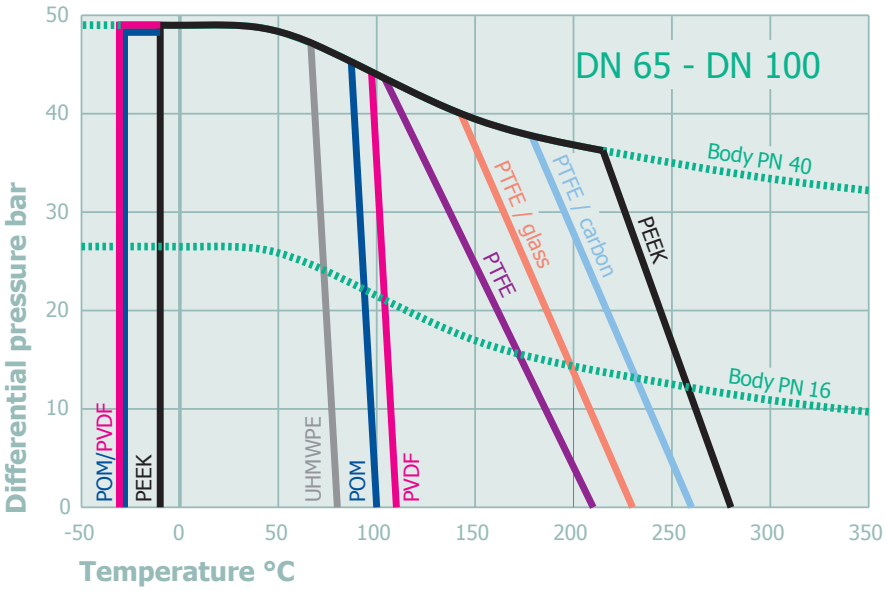
Test
DIN EN 12266 P10, P11, P12
Leakage rate A

TECHNICAL DATA

Flanged ball valve | type FG

Pressure and temperature range diagram





All pressure and temperature specifications are maximum application limits, which are influenced by the interaction of all application factors. Therefore, without technical design and without our confirmation, the specifications are without commitment.

Available materials

Designation	Material DN15–100 (PN10/PN40) FG 6666
Body	1.4408
Ball	1.4408
Stem	1.4542 (17-4PH)
Body ring	1.4401 / graphite
Seat rings	PTFE PTFE / glass PTFE / carbon PEEK UHMWPE POM PVDF

Designation	Material DN15–100 (PN10/PN40) FG 6666 T
Body	1.4408
Ball	1.4408
Stem	1.4542 (17-4PH)
Body ring	1.4401 / graphite
Seat rings	PTFE

Designation	Material DN150 (PN16) FG 6666
Body	1.4408
Ball	1.4408 / 1.4401
Stem	1.4401
Body ring	1.4401 / graphite
Seat rings	PTFE PTFE / glass