GEMÜ 532

Pneumatically operated globe valve

Features

- Robust actuator housing made of aluminium
- Option for increased operating temperatures
- Improved control characteristics due to PPS piston sleeve
- Optional for food contact according to Regulation (EC) No. 1935/2004
- Suitable for vacuum up to 20 mbar (a)
- Available as shut-off or control valve

Description

The 2/2-way globe valve GEMÜ 532 has a robust aluminium piston actuator and is pneumatically operated. The valve spindle is sealed by a self-adjusting gland packing providing low-maintenance and reliable valve spindle sealing even after a long service life. A wiper ring fitted in front of the gland packing also protects the seal against contamination and damage.

Technical specifications

- **Media temperature :** -10 to 210 °C
- **Ambient temperature:** -10 to 60 °C
- **Operating pressure :** 0 to 40 bar
- **Nominal sizes:** DN 15 to 100
- **Body configurations:** Straight through body
- **Connection types:** Flange
- **Connection standards :** ANSI I ASME I EN I ISO I JIS
- **Body materials:** 1.4408, investment casting material I EN-GJS-400-18-LT (GGG 40.3)
- **Seat seal materials:** 1.4404 I PTFE I PTFE, reinforced
- **Conformities:** CRN I EAC I FDA I FMEDA I Oxygen I Reg. (EU) No. 10/2011 I Regulation (EC) No. 1935/2004 I RoHS I TA Luft (German Clean Air Act)

Technical data depends on the respective configuration

further information
webcode: GW-532

Product description

Construction

Item	Name	Materials
1	Optical position indicator	
2	Piston actuator	Aluminium
3	Valve body	1.4408, investment casting EN-GJS-400-18-LT (GGG 40.3), SG iron

GEMÜ CONEXO

The interaction of valve components that are equipped with RFID chips and an associated IT infrastructure actively increase process reliability.

Thanks to serialization, every valve and every relevant valve component such as the body, actuator or diaphragm, and even automation components, can be clearly traced and read using the CONEXO pen RFID reader. The CONEXO app, which can be installed on mobile devices, not only facilitates and improves the "installation qualification" process, but also makes the maintenance process much more transparent and easier to document. The app actively guides the maintenance technician through the maintenance schedule and directly provides him with all the information assigned to the valve, such as test reports, testing documentation and maintenance histories. The CONEXO portal acts as a central element, helping to collect, manage and process all data.

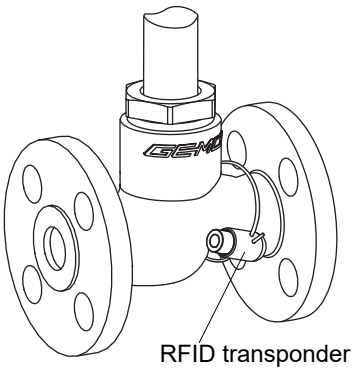
For further information on GEMÜ CONEXO please visit:
www.gemu-group.com/conexo

Ordering

GEMÜ Conexo must be ordered separately with the ordering option "CONEXO".

In the corresponding design with CONEXO, this product has an RFID chip for electronic identification purposes. The position of the RFID chip can be seen below.

Installing the RFID chip



Availability

Actuator assignment

DN	Normally closed					Normally open/double acting	
	Piston dia. [mm]						
	50	50	70	70	120	70	120
	Actuator size						
	0	3	1	4	2	1	2
15	X	X	X	X	-	X	-
20	X	X	X	X	X	X	X
25	X	X	X	X	X	X	X
32	-	-	X	X	X	X	X
40	-	-	X	X	X	X	X
50	-	-	X	X	X	X	X
65	-	-	-	-	X	-	X
80	-	-	-	-	X	-	X
100	-	-	-	-	X	-	X

Flange

DN	Connection type code [1]					
	8		11	39		48
	Material code [2]					
	37	90	37		90	37
15	-	X	X	X	X	X
20	-	X	X	X	X	X
25	-	X	X	X	X	X
32	-	X	X	X	X	-
40	-	X	X	X	X	X
50	X	X	X	X	X	X
65	X	X	X	X	X	-
80	X	X	X	X	X	-
100	X	X	X	X	X	-

1) **Connection type**
Code 8: Flange EN 1092, PN 16, form B, face-to-face dimension FTF EN 558 series 1, ISO 5752, basic series 1
Code 11: Flange EN 1092, PN 40, form B, face-to-face dimension FTF EN 558 series 1, ISO 5752, basic series 1
Code 39: Flange ANSI Class 125/150 RF, face-to-face dimension FTF EN 558 series 1, ISO 5752, basic series 1
Code 48: Flange JIS 20K, face-to-face dimension FTF EN 558 series 10, ASME/ANSI B16.10 table 1, column 16, DN 50 drilled to JIS 10K

2) **Valve body material**
Code 37: 1.4408, investment casting
Code 90: EN-GJS-400-18-LT (GGG 40.3)

Design

Design	
Media temperature -10 to 210 °C (code 2023)	Seat seal (code 5G and 10)
For contact with foodstuffs, the product must be ordered with the following ordering options (code 2013)	Seat seal (code 5, 5G and 10) Valve body material (code 37)

Order data

The order data provide an overview of standard configurations.

Please check the availability before ordering. Other configurations available on request.

Order codes

1 Type	Code
Globe valve, pneumatically operated, aluminium piston actuator	532

2 DN	Code
DN 15	15
DN 20	20
DN 25	25
DN 32	32
DN 40	40
DN 50	50
DN 65	65
DN 80	80
DN 100	100

3 Housing configuration	Code
2/2-way body	D

4 Connection type	Code
Flange EN 1092, PN 16, form B, face-to-face dimension FTF EN 558 series 1, ISO 5752, basic series 1	8
Flange EN 1092, PN 40, form B, face-to-face dimension FTF EN 558 series 1, ISO 5752, basic series 1	11
Flange ANSI Class 125/150 RF, face-to-face dimension FTF EN 558 series 1, ISO 5752, basic series 1	39
Flange JIS 20K, face-to-face dimension FTF EN 558 series 10, ASME/ANSI B16.10 table 1, column 16, DN 50 drilled to JIS 10K	48

5 Valve body material	Code
1.4408, investment casting	37
EN-GJS-400-18-LT (GGG 40.3)	90

6 Seat seal	Code
PTFE	5
PTFE, glass fibre reinforced	5G
1.4404	10

7 Control function	Code
Normally closed (NC)	1
Normally open (NO)	2
Double acting (DA)	3
Note: Piston, dia. 50 mm, not for control function code 2 and 3	
Double acting and normally open	8
Note: Only for control valves	

8 Actuator version	Code
Actuator size 0	0
Actuator size 1	1
Actuator size 2	2
Actuator size 3	3
Actuator size 4	4

9 Regulating cone	Code
Please find the number of the optional regulating cone (R-No.) for the linear or equal-percentage modified regulating cone in the Kv value table.	R....

10 Type of design	Code
Standard	
PTFE-PTFE spindle seal	2013
For higher operating temperatures	2023

11 Special version	Code
Standard	
Rigid plug fixing Special version for oxygen, (max. temperature 60 °C; max. operating pressure 10 bar), flow direction only possible under the seat! Media wetted seal materials and auxiliary materials with BAM testing	B
Rigid plug fixing	C
Special version for oxygen, (max. temperature 60 °C; max. operating pressure 10 bar), media wetted seal materials and auxiliary materials with BAM testing	S

12 CONEXO	Code
Without	
Integrated RFID chip for electronic identification and traceability	C

Order example

Ordering option	Code	Description
1 Type	532	Globe valve, pneumatically operated, aluminium piston actuator
2 DN	25	DN 25
3 Housing configuration	D	2/2-way body
4 Connection type	8	Flange EN 1092, PN 16, form B, face-to-face dimension FTF EN 558 series 1, ISO 5752, basic series 1
5 Valve body material	90	EN-GJS-400-18-LT (GGG 40.3)
6 Seat seal	5	PTFE
7 Control function	1	Normally closed (NC)
8 Actuator version	1	Actuator size 1
9 Regulating cone	RS617	60 m³/h – mod.EQ
10 Type of design		Standard
11 Special version		Standard
12 CONEXO		Without

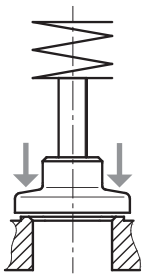
Technical data

General

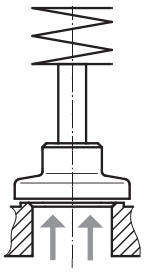
Flow direction

The flow direction is indicated by an arrow on the valve body.

Over the seat
(code M)



Under the seat
(code G)



Under the seat (code G) is the preferred flow direction with incompressible liquid media to avoid water hammer
Over the seat (code M) only with control function - Normally closed (NC)

Medium

Working medium: Corrosive, inert, gaseous and liquid media and steam which have no negative impact on the physical and chemical properties of the body and seal material.

Control medium: Inert gases

Max. permissible viscosity: 600 mm²/s (cSt)
Other versions for lower/higher temperatures and higher viscosities on request.

Special version for oxygen

Special version for oxygen: The S/B special version comes with PTFE-PTFE packing as standard, so K-no. 2013 does not need to be used for FDA conformity and 1935/2004.

Temperature

Media temperature:

Standard:	-10 — 180 °C
Special version:	-10 — 210 °C only with the design ordering option (code 2023)
	-10 — 60 °C only with the special function ordering option (code S)

Ambient temperature: -10 — 60 °C

Control medium temperature: 0 — 60 °C

Storage temperature: 0 — 40 °C

Pressure/temperature

Pressure/temperature correlation:

Connection type code	Material code	Permissible operating pressures in bar at temperature in °C					
		RT	100	150	200	250	300
8	**37**	16.0	16.0	14.5	13.4	12.7	11.8
10	**37**	25.0	25.0	22.7	21.0	19.8	18.5
11	**37**	40.0	40.0	36.3	33.7	31.8	29.7
39	**37**	19.0	16.0	14.8	13.6	12.0	10.2
8	**90**	16.0	16.0	15.5	14.7	13.9	11.2
39	**90**	17.0	16.0	14.8	13.9	12.1	10.2

All pressures are gauge pressures.
The valves are suitable for temperatures as low as -10 °C
RT = room temperature
Pressure/temperature correlation for connection code 48: DN 15–40 see connection code 10, DN 50 see connection code 8.

Pressure rating:

PN 16
PN 25
PN 40

Control pressure

Control pressure:

DN	Normally closed (NC) (code 1)					Normally open (NO) (code 2)/ double acting (DA) (code 3)/ double acting and normally open (DA+NO) (code 8)	
	Piston dia. [mm]						
	50 mm	50 mm	70 mm	70 mm	120 mm	70 mm	120 mm
	Actuator size						
	0	3	1	4	2	1	2
15	4,7 - 10,0	Max. 7	5,5 - 10,0	Max. 8		max. 5 bar	max. 7 bar
20	4,7 - 10,0		5,5 - 10,0		4,0 - 8,0	max. 7 bar	max. 7 bar
25	4,7 - 10,0		5,5 - 10,0		4,0 - 8,0	max. 7 bar	max. 7 bar
32			5,5 - 10,0		4,0 - 8,0	max. 7 bar	max. 7 bar
40			5,5 - 10,0		4,0 - 8,0	max. 7 bar	max. 7 bar
50			5,5 - 10,0		5,5 - 8,0	max. 7 bar	max. 7 bar
65			-		5,5 - 8,0	max. 7 bar	max. 7 bar
80			-		5,5 - 8,0	max. 7 bar	max. 7 bar
100	-		-		5.5–8.0	Max. 7	Max. 7

Pressures in bar
All pressures are gauge pressures.

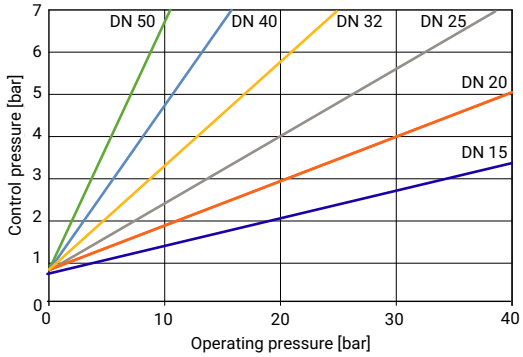
Control pressure/operating pressure diagram:

Control function

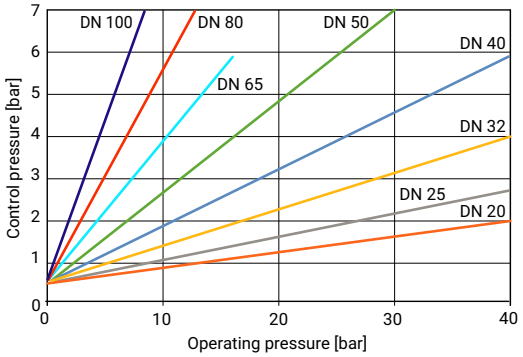
Normally open (NO) (code 2),
double acting (DA) (code 3),
double acting and normally open (DA+NO) (code 8)

Flow direction: Under the seat

Actuator size 1



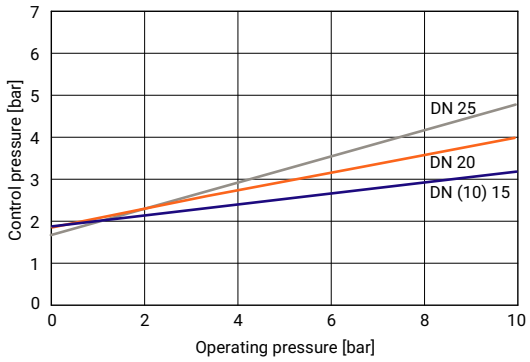
Actuator size 2



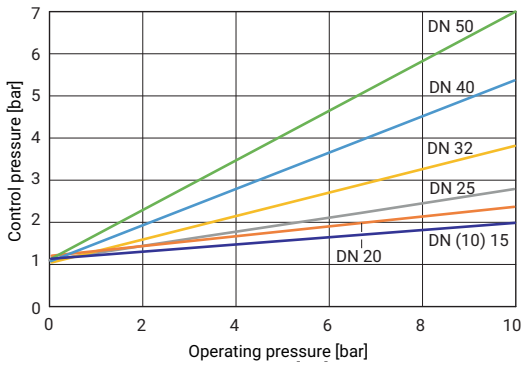
Normally closed (NC) (code 1)

Flow direction: Over the seat

Actuator size 3



Actuator size 4



Min. control pressure dependent on operating pressure

Observe control pressure / operating pressure diagram

Product conformity

Food:
Regulation (EC) No. 1935/2004*
Regulation (EC) No. 10/2011*

TA Luft (German Clean Air Act)*:
The product complies with the equivalence requirements of section 5.2.6.4 of the German Clean Air Act (TA Luft / VDI 2440 according to section 3.3.1.3)

Pressure Equipment Directive:
2014/68/EU

Machinery Directive:
2006/42/EC

Approvals:
FDA*
CRN
* depending on version and/or operating parameters

FMEDA:

Product description: GEMÜ globe valve 532
Device type: A
Fail safe function: Due to the fail safe function, the straight seat or angle seat globe valve is placed in the closed position (with control function 1) or open position (with control function 2), or it seals tightly (with control function 1).
HFT (Hardware Fault Tolerance): 0
There is no proof of systematic suitability in accordance with IEC 61508.

Mechanical data

Weight:

Total weight without controller

DN	Actuator size		
	0, 3	1, 4	2
15	3.3	4.1	-
20	4.3	5.1	-
25	5.2	6.0	-
32	-	8.2	10.9
40	-	9.5	12.2
50	-	12.3	14.7
65	-	-	21.2
80	-	-	25.0
100	-	-	33.1

Weights in kg

Weight:

Valve body

DN	Weight
15	2.2
20	3.0
25	3.7
32	5.3
40	6.3
50	11.5
65	12.7
80	15.4
100	23.0

Weights in kg

Open/Close valves

Operating pressure

Operating pressure:

DN	Normally closed					Normally open/double acting		
	Piston dia. [mm]							
	50	50	70	70	120	50	70	120
	Actuator size							
	0	3	1	4	2	0	1	2
15	12,0	10,0	40,0	10,0	-	32,0	40,0	-
20	6,0	10,0	20,0	10,0	40,0	20,0	40,0	40,0
25	2,5	10,0	10,0	10,0	40,0	12,0	32,0	40,0
32	-	-	7,0	10,0	20,0	-	20,0	40,0
40	-	-	4,5	10,0	12,0	-	12,0	40,0
50	-	-	3,0	10,0	10,0	-	8,0	30,0
65	-	-	-	-	7,0	-	-	16,0
80	-	-	-	-	5,0	-	-	12,0
100	-	-	-	-	2,5	-	-	8,0

Pressures in bar
All pressures are gauge pressures.
For max. operating pressures the pressure / temperature correlation must be observed.

Kv values

Kv values:

DN	Kv values
15	4.6
20	8.0
25	13.0
32	22.0
40	35.0
50	50.0
65	90.0
80	127.0
100	200.0

Kv values in m³/h
Kv values determined in accordance with DIN EN 60534. The Kv value specifications refer to control function 1 (NC) and the largest actuator for the respective nominal size.
The Kv values for other product configurations (e.g. other connections or body materials) may differ.
Kv values AG0 on request.

Leakage rate

Leakage rate:

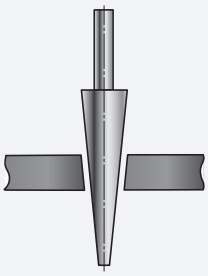
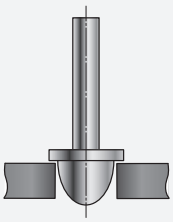
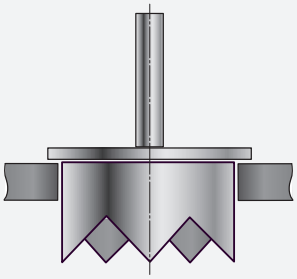
Seat seal	Standard	Test procedure	Leakage rate	Test medium
Metal	DIN EN 12266-1	P12	F	Air
PTFE	DIN EN 12266-1	P12	A	Air

Filling volume

Filling volume:

Actuator 0, 3: 0.05 dm³
Actuator 1, 4: 0.125 dm³
Actuator 2: 0.625 dm³

Control valves

Regulating needle	Regulating cone	Regulating cage
		
Regulating needle: RAxxx – RCxxx (reduced valve seat)	Regulating cone: DN 15 - 50	Regulating cage: DN 65 – 100

The control valves shown are only possible with control function – normally closed (NC) and flow direction under the seat.

Operating pressure/Kv values

Control valve:

Valve body material 1.4408 (code 37), EN-GJS-400-18-LT (code 90)

DN	Kv value [m³/h]	Operating pressure [bar]	Actuator size	Regulating cone number	
				Linear	Equal-percentage (mod.)
15	4.0	12.0	**0**	**RS621**	**RS631**
		40.0	**1**	**RS620**	**RS630**
20	6.3	6.0	**0**	**RS622**	**RS632**
		20.0	**1**	**RS623**	**RS633**
25	10.0	10.0	**1**	**RS624**	**RS634**
32	16.0	7.0	**1**	**RS628**	**RS638**
		22.0	**2**	**RS625**	**RS635**
40	25.0	4.5	**1**	**RS629**	**RS639**
		15.0	**2**	**RS626**	**RS636**
50	40.0	3.0	**1**	**RS680**	**RS343**
		10.0	**2**	**RS627**	**RS637**
65	63.0	7.0	**2**	**-**	**RS340**
80	90.0	5.0	**2**	**-**	**RS341**
100	140.0	2.5	**2**	**-**	**RS342**

Valve body material 1.4408 (code 37)

DN	Kv value [m³/h]	Operating pressure [bar]	Actuator size	Regulating cone number	
				Linear	Equal-percentage (mod.)
15	0.1*	40.0	**1**	**RA103**	**RA305**
	0.16*	40.0	**1**	**RB107**	**RA306**
	0.25*	40.0	**1**	**RB108**	**RB305**
	0.4*	40.0	**1**	**RB109**	**RB306**
	0.63*	40.0	**1**	**RC105**	**RC305**
	1.0*	40.0	**1**	**RC106**	**RC306**
	1.6	40.0	**1**	**RD105**	**RD305**
	2.5	40.0	**1**	**RE107**	**RE307**
20	1.6	40.0	**1**	**RD106**	**RD306**
	2.5	40.0	**1**	**RE108**	**RE308**
	4.0	40.0	**1**	**RF107**	**RF307**
25	2.5	40.0	**1**	**RE109**	**RE309**
	4.0	40.0	**1**	**RF108**	**RF308**
	6.3	18.0	**1**	**RG107**	**RG307**
32	4.0	40.0	**1**	**RF109**	**RF309**
	6.3	18.0	**1**	**RG108**	**RG308**
	10.0	10.0	**1**	**RH107**	**RH307**
40	6.3	40.0	**1**	**RG109**	**RG309**
	10.0	24.0	**1**	**RH108**	**RH308**
	16.0	15.0	**1**	**RJ105**	**RJ305**
50**	10.0	16.0	**1**	**RH109**	**RH309**
	16.0	12.0	**1**	**RJ106**	**RJ306**
	25.0	16.0	**2**	**RK103**	**RK303**

* metal seated
** only for connection code 8, 39, 48

Control valve: Please observe the pressure/temperature correlation table.

Control pressure

Control pressure:

Actuator version code	Control pressure (control function 1)
0	4.7–10.0
1	5.5–10.0
2 (DN 20 — 40)	4.0–8.0
2 (DN 50 — 100)	5.5–8.0

All pressures are gauge pressures.

Leakage rate

Leakage rate:

Control valve

Seat seal	Standard	Test procedure	Leakage rate	Test medium
Metal	DIN EN 60534-4	1	IV	Air
PTFE	DIN EN 60534-4	1	VI	Air

Filling volume

Filling volume:

Actuator 0: 0.05 dm³
Actuator 1: 0.125 dm³
Actuator 2: 0.625 dm³

Kv values

Kv values:

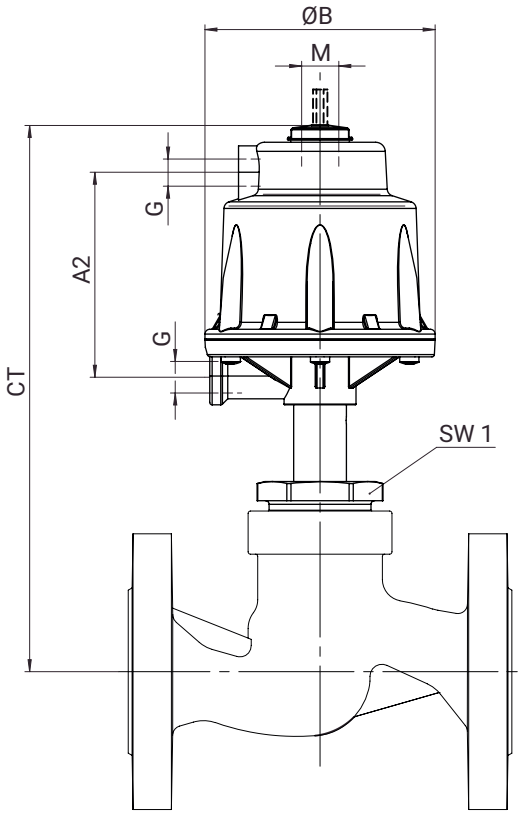
DN	Kv values
15	4.6
20	8.0
25	13.0
32	22.0
40	35.0
50	50.0
65	90.0
80	127.0
100	200.0

Kv values in m³/h
Kv values determined in accordance with DIN EN 60534. The Kv value specifications refer to control function 1 (NC) and the largest actuator for the respective nominal size.
The Kv values for other product configurations (e.g. other connections or body materials) may differ.
Kv values AG0 on request.

Dimensions

Installation dimensions

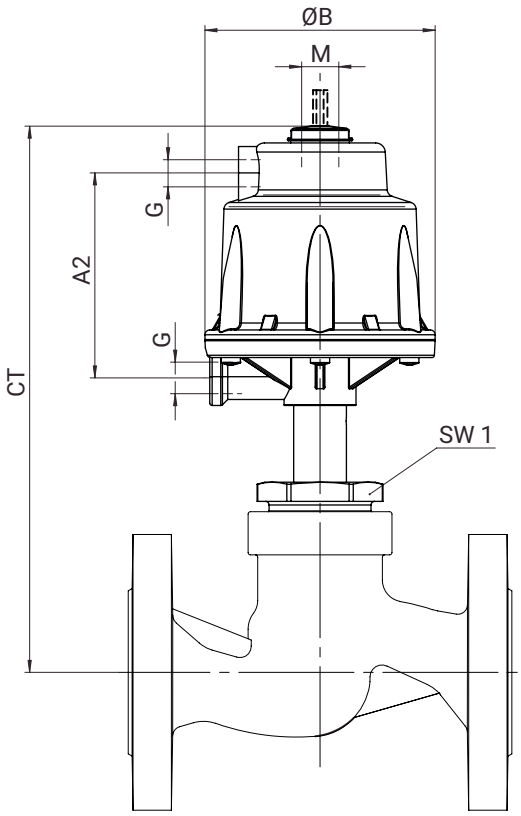
Connection type code 8, 39, 48



DN	WAF1 metric	G	Actuator size											
			0, 3				1, 4				2			
			A2	ØB	CT	M	A2	ØB	CT	M	A2	ØB	CT	M
15	36.0	G 1/4	-	71.0	191.0	M16x1	85.5	96.0	201.0	M16x1	-	-	-	-
20	41.0	G 1/4	-	71.0	198.0	M16x1	85.5	96.0	208.0	M16x1	123.0	164.0	283.0	M22x1.5
25	46.0	G 1/4	-	71.0	209.0	M16x1	85.5	96.0	219.0	M16x1	123.0	164.0	294.0	M22x1.5
32	55.0	G 1/4	-	-	-	-	85.5	96.0	224.0	M16x1	123.0	164.0	299.0	M22x1.5
40	60.0	G 1/4	-	-	-	-	85.5	96.0	235.0	M16x1	123.0	164.0	310.0	M22x1.5
50	75.0	G 1/4	-	-	-	-	85.5	96.0	243.0	M16x1	123.0	164.0	318.0	M22x1.5
65	75.0	G 1/4	-	-	-	-	-	-	-	-	123.0	164.0	346.0	M22x1.5
80	75.0	G 1/4	-	-	-	-	-	-	-	-	123.0	164.0	361.0	M22x1.5
100	75.0	G 1/4	-	-	-	-	-	-	-	-	123.0	164.0	382.0	M22x1.5

Dimensions in mm

Connection type code 11



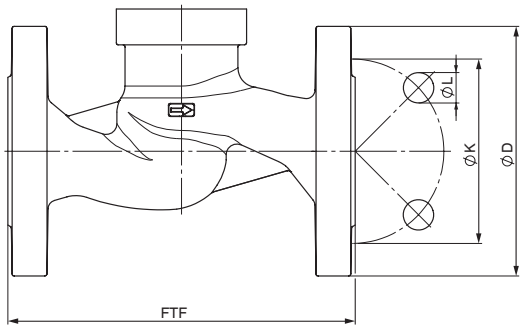
DN	WAF1 metric	G	Actuator size											
			0, 3				1, 4				2			
			A2	ØB	CT	M	A2	ØB	CT	M	A2	ØB	CT	M
15	36.0	G 1/4	-	71.0	197.0	M16x1	85.5	96.0	207.0	M16x1	-	-	-	-
20	41.0	G 1/4	-	71.0	204.0	M16x1	85.5	96.0	214.0	M16x1	123.0	164.0	291.0	M22x1.5
25	46.0	G 1/4	-	71.0	215.0	M16x1	85.5	96.0	225.0	M16x1	123.0	164.0	302.0	M22x1.5
32	55.0	G 1/4	-	-	-	-	85.5	96.0	230.0	M16x1	123.0	164.0	307.0	M22x1.5
40	60.0	G 1/4	-	-	-	-	85.5	96.0	241.0	M16x1	123.0	164.0	318.0	M22x1.5
50	75.0	G 1/4	-	-	-	-	85.5	96.0	261.0	M16x1	123.0	164.0	338.0	M22x1.5

Dimensions in mm

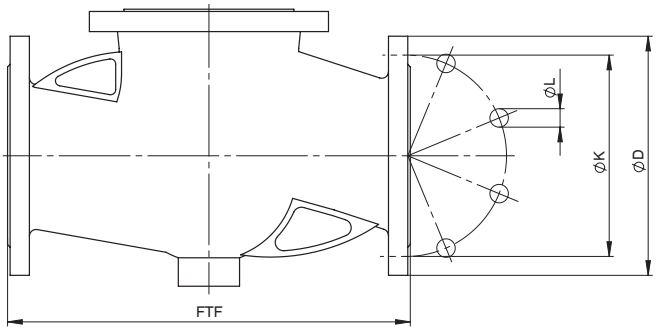
Body dimensions

Flange EN (code 8)

DN 15 - 50



DN 65 - 100



Connection type flange, length EN 558 (code 8) [1], SG iron material (code 90) [2]

DN	NPS	ø D	FTF	ø k	ø L	n
15	**1/2"**	95.0	130.0	65.0	14.0	4
20	**3/4"**	105.0	150.0	75.0	14.0	4
25	**1"**	115.0	160.0	85.0	14.0	4
32	**1¼"**	140.0	180.0	100.0	18.0	4
40	**1½"**	150.0	200.0	110.0	18.0	4
50	**2"**	165.0	230.0	125.0	18.0	4
65	**2½"**	185.0	290.0	145.0	18.0	4
80	**3"**	200.0	310.0	160.0	18.0	8
100	**4"**	220.0	350.0	180.0	18.0	8

Connection type flange, length EN 558 (code 8) [1], investment casting material (code 37) [2]

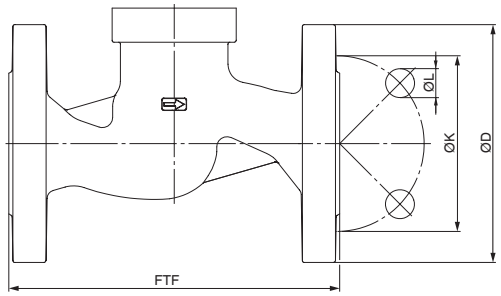
DN	NPS	ø D	FTF	ø k	ø L	n
50	**2"**	165.0	230.0	125.0	18.0	4
65	**2½"**	185.0	290.0	145.0	18.0	4
80	**3"**	200.0	310.0	160.0	18.0	8
100	**4"**	220.0	350.0	180.0	18.0	8

Dimensions in mm
n = number of bolts

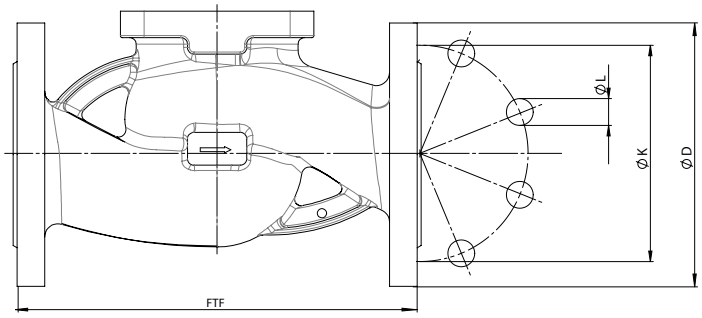
1) **Connection type**
Code 8: Flange EN 1092, PN 16, form B, face-to-face dimension FTF EN 558 series 1, ISO 5752, basic series 1

2) **Valve body material**
Code 37: 1.4408, investment casting
Code 90: EN-GJS-400-18-LT (GGG 40.3)

Flange EN (code 11, 48)



DN 15 - 50



DN 65 - 100

Connection type flange, length EN 558 (code 11) [1], investment casting material (code 37) [2]

DN	NPS	ø D	FTF	ø k	ø L	n
15	**1/2"**	95.0	130.0	65.0	14.0	4
20	**3/4"**	105.0	150.0	75.0	14.0	4
25	**1"**	115.0	160.0	85.0	14.0	4
32	**1¼"**	140.0	180.0	100.0	18.0	4
40	**1½"**	150.0	200.0	110.0	18.0	4
50	**2"**	165.0	230.0	125.0	18.0	4
65	**2½"**	185.0	290.0	145.0	18.0	8
80	**3"**	200.0	310.0	160.0	18.0	8
100	**4"**	235.0	350.0	190.0	22.0	8

Connection type flange, length EN 558 (code 48) [1], investment casting material (code 37) [2]

DN	NPS	ø D	FTF	ø k	ø L	n
15	**1/2"**	95.0	108.0	70.0	15.0	4
20	**3/4"**	100.0	117.0	75.0	15.0	4
25	**1"**	125.0	127.0	90.0	19.0	4
40	**1½"**	140.0	165.0	105.0	19.0	4
50	**2"**	155.0	203.0	120.0	19.0	4

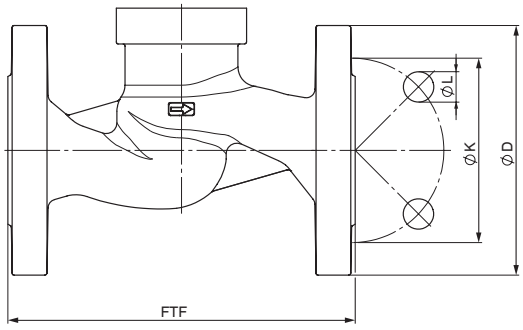
Dimensions in mm
n = number of bolts

1) **Connection type**
Code 11: Flange EN 1092, PN 40, form B, face-to-face dimension FTF EN 558 series 1, ISO 5752, basic series 1
Code 48: Flange JIS 20K, face-to-face dimension FTF EN 558 series 10, ASME/ANSI B16.10 table 1, column 16, DN 50 drilled to JIS 10K

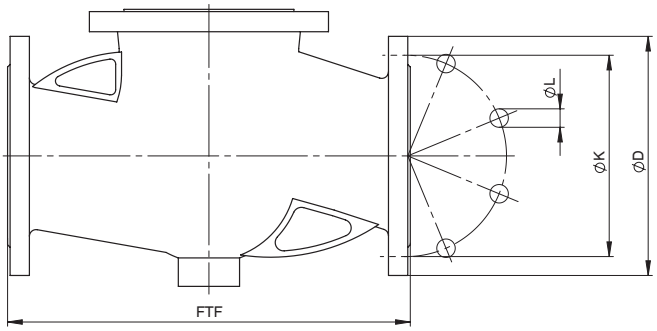
2) **Valve body material**
Code 37: 1.4408, investment casting

Flange ANSI Class (code 39)

DN 15 - 50



DN 65 - 100



Connection type flange, length EN 558 (code 39) [1], investment casting material (code 37), SG iron material (code 90) [2]

DN	NPS	ø D	FTF	ø k	ø L	n
15	**1/2"**	90.0	130.0	60.3	15.9	4
20	**3/4"**	100.0	150.0	69.9	15.9	4
25	**1"**	110.0	160.0	79.4	15.9	4
32	**1¼"**	115.0	180.0	88.9	15.9	4
40	**1½"**	125.0	200.0	98.4	15.9	4
50	**2"**	150.0	230.0	120.7	19.0	4
65	**2½"**	180.0	290.0	139.7	19.0	4
80	**3"**	190.0	310.0	152.4	19.0	4
100	**4"**	230.0	350.0	190.5	19.0	8

Dimensions in mm
n = number of bolts

1) **Connection type**
Code 39: Flange ANSI Class 125/150 RF, face-to-face dimension FTF EN 558 series 1, ISO 5752, basic series 1

2) **Valve body material**
Code 37: 1.4408, investment casting
Code 90: EN-GJS-400-18-LT (GGG 40.3)

Subject to alteration | 06.2026 | 88317408

GEMÜ Gebr. Müller Apparatebau GmbH & Co. KG
Gert-Müller-Platz 1, 74635 Kupferzell, Germany
Phone +49 (0) 7940 1230 · info@gemue.de
www.gemu-group.com