

GEMÜ 530

Pneumatically operated globe valve



Features

- Available as shut-off or control valve
- Stainless steel actuator resistant to corrosive ambient conditions
- Optionally with rapid venting valve for preventing the penetration of ambient media
- Faster actuator replacement and easily rotatable due to fixing via union nut
- Suitable for vacuum up to 20 mbar (a)

Description

The GEMÜ 530 2/2-way globe valve has a robust, low-maintenance stainless steel 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 protects the seal against contamination and damage.

Technical specifications

- **Media temperature:** -40 to 210 °C
- **Ambient temperature:** -10 to 60 °C
- **Operating pressure:** 0 to 40 bar
- **Nominal sizes:** DN 15 to 100
- **Body configurations:** 2/2-way body
- **Connection types:** Flange
- **Connection standards:** ANSI | ASME | EN | ISO | JIS
- **Body materials:** 1.4408, investment casting material | EN-GJS-400-18-LT, SG iron material
- **Seat seal materials:** PTFE | PTFE, reinforced
- **Conformities:** ATEX | CRN | EAC | FDA | FMEDA | Oxygen | Reg. (EU) No. 10/2011 | Regulation (EC) No. 1935/2004 | TA Luft (German Clean Air Act)

Technical data depends on the respective configuration

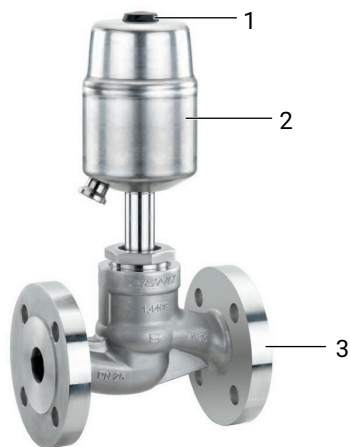


further information
webcode: GW-530



Product description

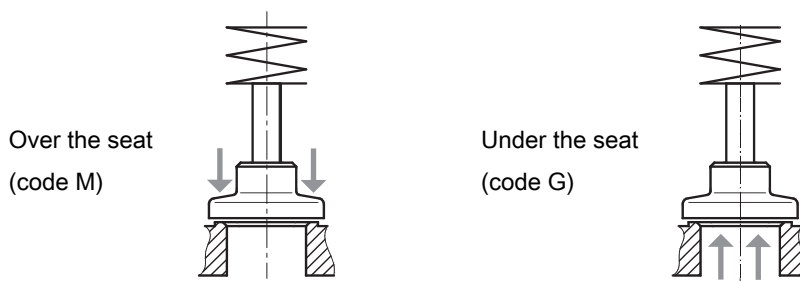
Construction



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

Flow direction

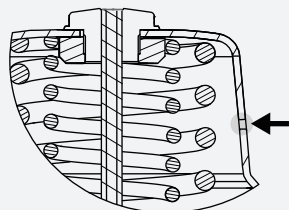
The flow direction is indicated by an arrow on the valve body.



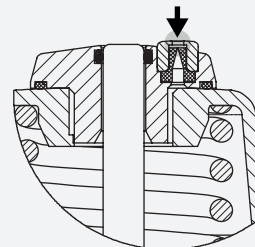
Under the seat is the preferred flow direction with incompressible liquid media to avoid water hammers
Over the seat only with control function – normally closed (NC)

Vent hole in the actuator

To vent the control medium, the pneumatic actuator has a vent hole that is located on the side of the actuator housing (control function normally closed). In certain areas of application (e.g. the foodstuff industry), dirty water or cleaning media could enter through this vent hole and penetrate the actuator, thereby adversely affecting correct operation. A special vent system with lip check valve is available for these applications, which prevents such functional impairment. The vent hole at the side is then closed.



Standard vent hole



Special vent system K-no. 6996

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:

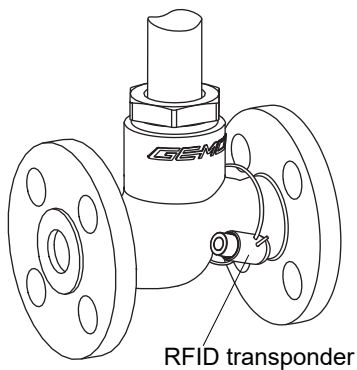
www.gemu-group.com/conexo

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

Control function 1 – normally closed (NC)

DN	Flow direction										
	Under the seat								Over the seat		
	Actuator size (code)										
	1G1	2G1	3G1	4G1	5G1	6G4	6G5	6G6	1M1	2M1	3M1
15	X	X	-	-	-	-	-	-	X	X	-
20	X	X	X	-	-	-	-	-	X	X	X
25	-	X	X	X	X	-	-	-	-	X	X
32	-	X	X	X	X	-	-	-	-	-	X
40	-	-	X	X	X	-	-	-	-	-	X
50	-	-	X	X	X	-	X	-	-	-	X
65	-	-	-	-	X	X	-	-	-	-	-
80	-	-	-	-	X	-	-	X	-	-	-
100	-	-	-	-	X	-	-	X	-	-	-

Control function 2 – normally open (NO)/control function 3 – double acting (DA)

DN	Flow direction: Under the seat				
	Actuator size (code)				
	1G1	2G1	3G1	4G1	5G1
15	X	X	-	-	-
20	X	X	X	-	-
25	X	X	X	-	-
32	-	X	X	X	X
40	-	X	X	X	X
50	-	-	X	X	X
65	-	-	-	-	X
80	-	-	-	-	X
100	-	-	-	-	X

Flange

DN	Connection type code ¹⁾						
	8		10	11	39		48
	Material code ²⁾						
	37	90	37	37	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	X	-
40	-	X	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 10: Flange EN 1092, PN 25, 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, 10)
For contact with foodstuffs, the product must be ordered with the following ordering options	Seat seal (code 5, 5G, 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, stainless steel piston actuator	530

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 Body 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 25, form B, face-to-face dimension FTF EN 558 series 1, ISO 5752, basic series 1	10
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: Control function code 2 and 3, actuator size 1–5	

8 Actuator version	Code
Control function 1 – NC	
Actuator size 1G1	1G1
Actuator size 1M1	1M1
Actuator size 2G1	2G1
Actuator size 2M1	2M1
Actuator size 3G1	3G1
Actuator size 4G1	4G1
Actuator size 5G1	5G1
Actuator size 6G4	6G4
Actuator size 6G5	6G5
Actuator size 6G6	6G6

9 Type of design	Code
Standard	
For higher operating temperatures	2023
Note: Code 2023 only for actuator size 1–5	

10 Special version	Code
Standard	
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	S

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

Order example

Ordering option	Code	Description
1 Type	530	Globe valve, pneumatically operated, stainless steel piston actuator
2 DN	25	DN 25
3 Body configuration	D	2/2-way body
4 Connection type	11	Flange EN 1092, PN 40, form B, face-to-face dimension FTF EN 558 series 1, ISO 5752, basic series 1
5 Valve body material	37	1.4408, investment casting
6 Seat seal	5	PTFE
7 Control function	1	Normally closed (NC)
8 Actuator version	2G1	Actuator size 2G1
9 Type of design		Standard
10 Special version		Standard
11 CONEXO		Without

Technical data

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.

Temperature

Media temperature: Standard: -40 – 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
For material code 37 (and 34 only with 3.2. certificate): -40–60 °C

Control medium temperature: 0 – 60 °C

Storage temperature: 0 – 40 °C

Pressure

Operating pressure:

Control function 1 – normally closed (NC)

DN	Flow direction										
	Under the seat								Over the seat		
	Actuator size (code)										
	1G1	2G1	3G1	4G1	5G1	6G4	6G5	6G6	1M1	2M1	3M1
15	10.0	22.0	-	-	-	-	-	-	10.0	10.0	-
20	6.0	12.0	25.0	-	-	-	-	-	10.0	10.0	10.0
25	-	7.0	16.0	25.0	40.0	-	-	-	-	10.0	10.0
32	-	4.0	10.0	18.0	35.0	-	-	-	-	-	10.0
40	-	-	6.0	12.0	20.0	-	-	-	-	-	10.0
50	-	-	3.0	7.0	15.0	-	40.0	-	-	-	10.0
65	-	-	-	-	8.0	16.0	-	-	-	-	-
80	-	-	-	-	6.0	-	-	16.0	-	-	-
100	-	-	-	-	3.0	-	-	12.0	-	-	-

Control function 2 – normally open (NO)/control function 3 – double acting (DA)

DN	Flow direction: Under the seat				
	Actuator size (code)				
	1G1	2G1	3G1	4G1	5G1
15	28.0	40.0	-	-	-
20	17.0	40.0	40.0	-	-
25	11.0	25.0	40.0	-	-
32	-	16.0	30.0	40.0	40.0
40	-	9.0	20.0	30.0	40.0
50	-	-	12.0	20.0	32.0
65	-	-	-	-	19.0
80	-	-	-	-	15.0
100	-	-	-	-	10.0

All pressures are gauge pressures. When the flow is over the seat (M), there may be the danger of water hammer with liquid media! For max. operating pressures the pressure/temperature correlation must be observed.

Control pressure:

Flow direction: Over the seat

Actuator version (code)	Control pressure	Control function 1 Normally closed (NC)
1M1	max. 7 bar	
2M1	max. 7 bar	
3M1	max. 7 bar	

Control pressure:

Flow direction: Under the seat

Actuator version (code)	Control function 1 Normally closed (NC)	Control function 2 and 3 Normally open (NO) and double acting (DA)
1G1	4.0–8.0 bar	
2G1	4.0–8.0 bar	
3G1	4.0–8.0 bar	
4G1	4.0–8.0 bar	
5G1	5.0–8.0 bar	
6G4	3.5–8.0 bar	-
6G5	4.5–8.0 bar	-
6G6	5.0–8.0 bar	-

Pressure rating:

PN 16

PN 25

PN 40

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.

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

Cv values in m³/h

Kv values determined in accordance with EN 60534. The Kv value data refers to control function 1 (NC) and the largest actuator for each nominal size. The Kv values for other product configurations (e.g. other connection types or body materials) may differ.

Piston diameter:

Actuator version	Piston diameter
1	42.0
2	60.0
3	80.0
4	100.0
5	130.0
6	234.0

Dimensions in mm

Code 6 = valve body material 37, control function 1, flow direction: Under the seat

Filling volume:

Actuator version (code)	Filling volume
1G1, 1M1	0.025 dm ³
2G1, 2M1	0.084 dm ³
3G1, 3M1	0.245 dm ³
4G1	0.437 dm ³
5G1	0.798 dm ³
6G	2.150 dm ³

Technical data

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

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										
Explosion protection:	ATEX (2014/34/EU) on request										
Approvals:	FDA* CRN * depending on version and/or operating parameters										
FMEDA:	<table> <tr> <td>Product description:</td> <td>Globe valve GEMÜ 530</td> </tr> <tr> <td>Device type:</td> <td>A</td> </tr> <tr> <td>Safety function:</td> <td>Due to the safety function, the globe valve or angle seat globe valve is placed in the closed position (with control function 1) or in the open position (with control function 2).</td> </tr> <tr> <td>HFT (Hardware Fault Tolerance):</td> <td>0</td> </tr> <tr> <td>MTTR (Mean Time To Restoration):</td> <td>24 hours</td> </tr> </table>	Product description:	Globe valve GEMÜ 530	Device type:	A	Safety function:	Due to the safety function, the globe valve or angle seat globe valve is placed in the closed position (with control function 1) or in the open position (with control function 2).	HFT (Hardware Fault Tolerance):	0	MTTR (Mean Time To Restoration):	24 hours
Product description:	Globe valve GEMÜ 530										
Device type:	A										
Safety function:	Due to the safety function, the globe valve or angle seat globe valve is placed in the closed position (with control function 1) or in the open position (with control function 2).										
HFT (Hardware Fault Tolerance):	0										
MTTR (Mean Time To Restoration):	24 hours										

Mechanical data

Weight:

Total weight

DN	Actuator size					
	1	2	3	4	5	6
15	3.1	3.2	-	-	-	-
20	3.8	4.0	-	-	-	-
25	-	4.8	5.5	6.9	-	-
32	-	6.6	7.3	8.7	11.8	-
40	-	-	8.4	9.8	12.9	-
50	-	-	10.7	12.1	15.2	-
65	-	-	-	-	20.4	35.0
80	-	-	-	-	23.1	41.0
100	-	-	-	-	29.0	48.0

Weights in kg

Valve body

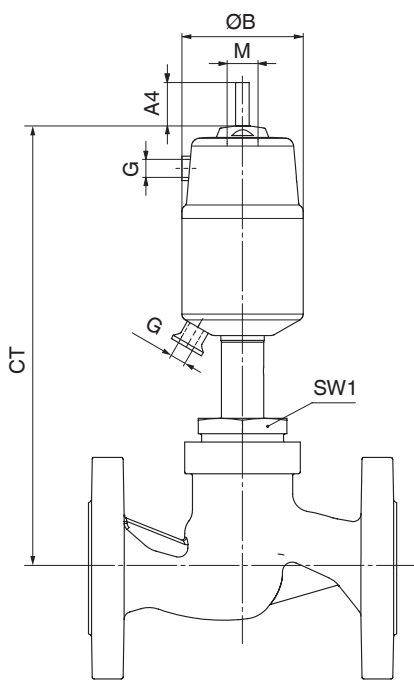
DN	Weight
15	2.2
20	3.0
25	3.7
32	5.3
40	6.3
50	11.5
65	12.7
80	15.4
100	23.0

Weights in kg

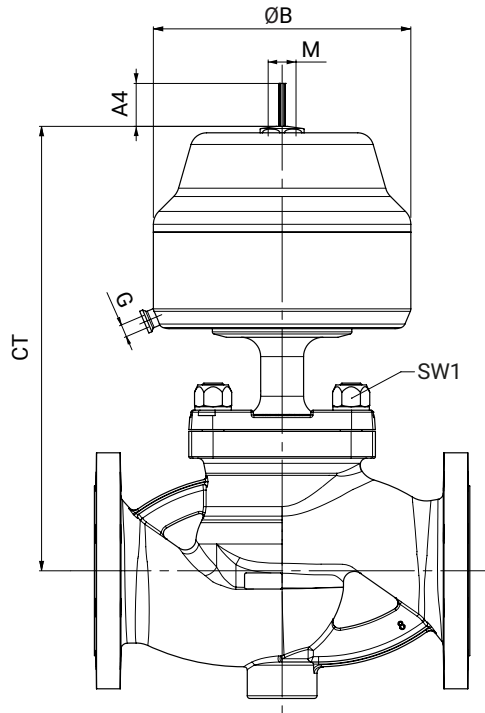
Dimensions

Installation dimensions

Connection type code 8, 10, 39, 48



Actuator size 1-5



Actuator size 6

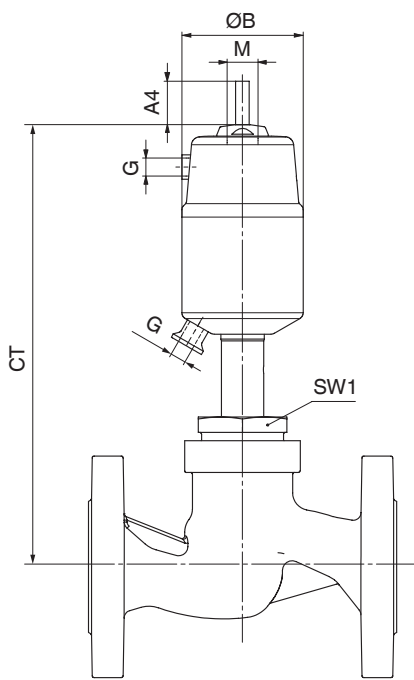
DN	SW1 metric	Actuator size														
		1					2					3				
		A4 max.	ØB	CT	G	M	A4 max.	ØB	CT	G	M	A4 max.	ØB	CT	G	M
15	36.0	12.0	46.0	167.0	G 1/8	M16x1	22.0	63.0	213.0	G 1/8	M16x1	-	-	-	-	-
20	41.0	12.0	46.0	174.0	G 1/8	M16x1	22.0	63.0	220.0	G 1/8	M16x1	-	-	-	-	-
25	46.0	-	-	-	-	-	22.0	63.0	231.0	G 1/8	M16x1	28.0	84.0	247.0	G 1/4	M16x1
32	55.0	-	-	-	-	-	22.0	63.0	236.0	G 1/8	M16x1	28.0	84.0	252.0	G 1/4	M16x1
40	60.0	-	-	-	-	-	-	-	-	-	-	28.0	84.0	263.0	G 1/4	M16x1
50	55.0	-	-	-	-	-	-	-	-	-	-	28.0	84.0	271.0	G 1/4	M16x1

DN	SW1 metric	Actuator size														
		4					5					6				
		A4 max.	ØB	CT	G	M	A4 max.	ØB	CT	G	M	A4 max.	ØB	CT	G	M
25	46.0	32.0	104.0	285.0	-	M22x1.5	-	-	-	-	-	-	-	-	-	-
32	55.0	32.0	104.0	290.0	G 1/4	M22x1.5	41.0	135.0	317.0	G 1/4	M22x1.5	-	-	-	-	-
40	60.0	32.0	104.0	301.0	G 1/4	M22x1.5	41.0	135.0	328.0	G 1/4	M22x1.5	-	-	-	-	-
50	55.0	32.0	104.0	309.0	G 1/4	M22x1.5	41.0	135.0	336.0	G 1/4	M22x1.5	-	-	-	-	-
65	75.0	-	-	-	-	-	41.0	135.0	359.0	G 1/4	M22x1.5	40.0	240.0	375.0	G 1/4	M26x1.5

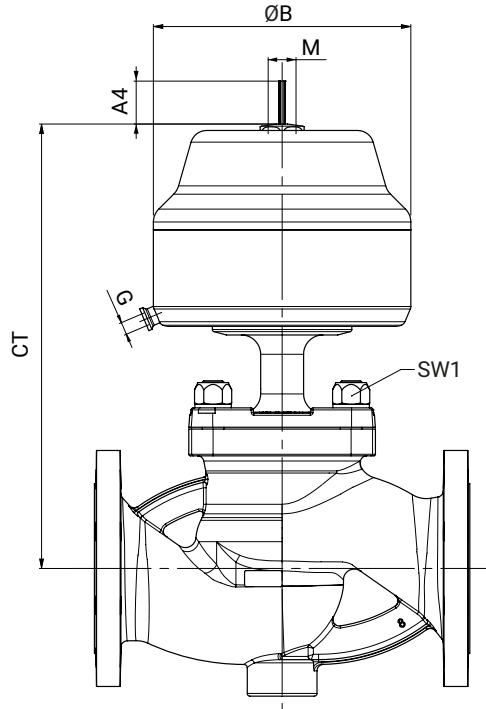
DN	SW1 metric	Actuator size														
		4					5					6				
		A4 max.	ØB	CT	G	M	A4 max.	ØB	CT	G	M	A4 max.	ØB	CT	G	M
80	75.0	-	-	-	-	-	41.0	135.0	379.0	G 1/4	M22x1 .5	40.0	240.0	387.0	G 1/4	M26x1 .5
100	75.0	-	-	-	-	-	41.0	135.0	400.0	G 1/4	M22x1 .5	40.0	240.0	408.0	G 1/4	M26x1 .5

Dimensions in mm

Connection type code 11



Actuator size 1-5



Actuator size 6

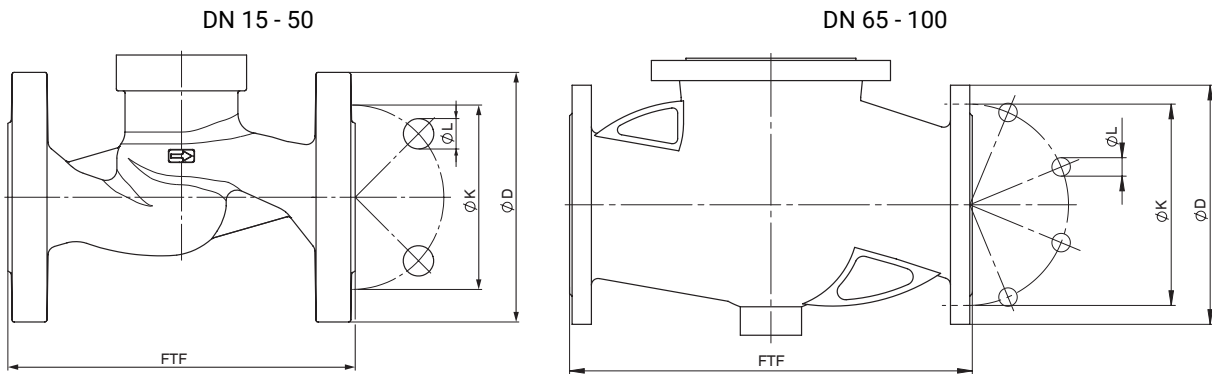
DN	SW1 metric	Actuator size														
		1					2					3				
		A4 max.	ØB	CT	G	M	A4 max.	ØB	CT	G	M	A4 max.	ØB	CT	G	M
15	36.0	12.0	46.0	167.0	G 1/8	M16x1	22.0	63.0	213.0	G 1/8	M16x1	-	-	-	-	-
20	41.0	12.0	46.0	174.0	G 1/8	M16x1	22.0	63.0	220.0	G 1/8	M16x1	-	-	-	-	-
25	46.0	-	-	-	-	-	22.0	63.0	231.0	G 1/8	M16x1	28.0	84.0	247.0	G 1/4	M16x1
32	55.0	-	-	-	-	-	22.0	63.0	236.0	G 1/8	M16x1	28.0	84.0	252.0	G 1/4	M16x1
40	60.0	-	-	-	-	-	-	-	-	-	-	28.0	84.0	263.0	G 1/4	M16x1
50	55.0	-	-	-	-	-	-	-	-	-	-	28.0	84.0	283.0	G 1/4	M16x1

DN	SW1 metric	Actuator size														
		4					5					6				
		A4 max.	ØB	CT	G	M	A4 max.	ØB	CT	G	M	A4 max.	ØB	CT	G	M
25	46.0	32.0	104.0	285.0	G 1/4	M22x1.5	-	-	-	-	-	-	-	-	-	-
32	55.0	32.0	104.0	290.0	G 1/4	M22x1.5	41.0	135.0	317.0	G 1/4	M22x1.5	-	-	-	-	-
40	60.0	32.0	104.0	301.0	G 1/4	M22x1.5	41.0	135.0	328.0	G 1/4	M22x1.5	-	-	-	-	-
50	55.0	32.0	104.0	321.0	G 1/4	M22x1.5	41.0	135.0	348.0	G 1/4	M22x1.5	40.0	240.0	362.0	G 1/4	M26x1.5

Dimensions in mm

Body dimensions

Flange EN (code 8)



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

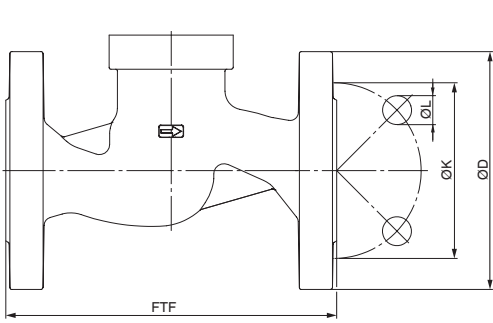
Code 8: Flange EN 1092, PN 16, form B, face-to-face dimension FTF EN 558 series 1, ISO 5752, basic series 1

2) Valve body material

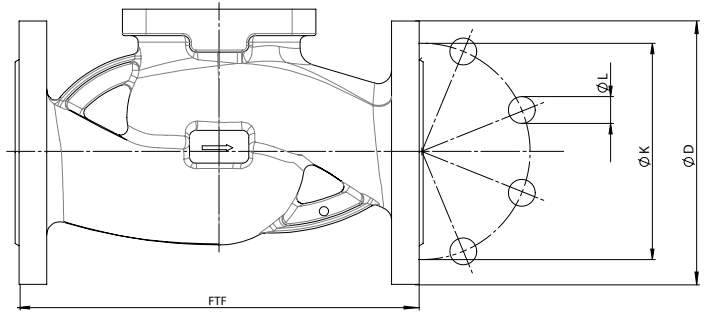
Code 37: 1.4408, investment casting

Code 90: EN-GJS-400-18-LT (GGG 40.3)

Flange EN (code 10, 11, 48)



DN 15 - 50



DN 65 - 100

Connection type flange, length EN 558 (code 10)¹⁾, investment casting material (code 37)²⁾

DN	NPS	ø D	FTF	ø k	ø L	n
32	1¼"	140.0	180.0	100.0	18.0	4
40	1½"	150.0	200.0	110.0	18.0	4

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), 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	160.0	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

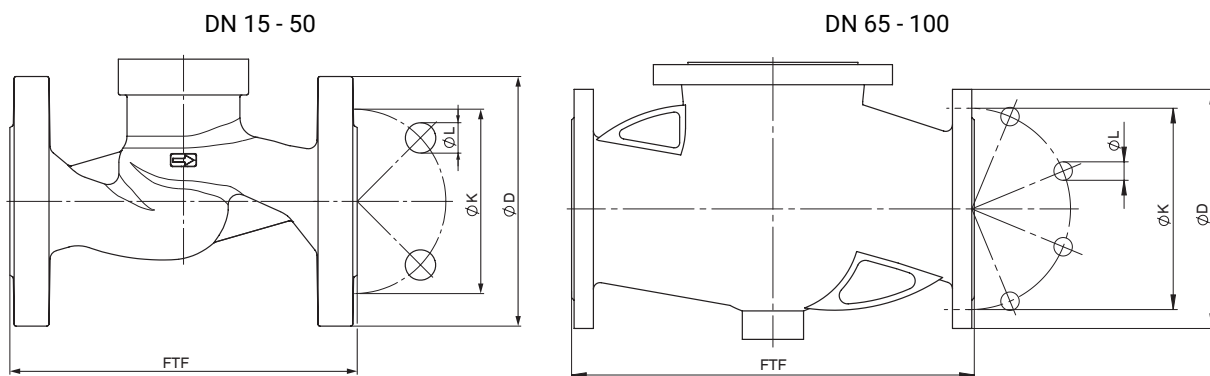
Code 10: Flange EN 1092, PN 25, form B, face-to-face dimension FTF EN 558 series 1, ISO 5752, basic series 1

Code 11: Flange EN 1092, PN 40, form B, face-to-face dimension FTF EN 558 series 1, ISO 5752, basic series 1

Code 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)**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)



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