

GEMÜ 629 eSyLite

Motorized diaphragm valve



Features

- Motorized linear actuator for open-close applications
- Safety shut-down integrated
- Integrated emergency power supply module (optional)
- Standard optical position indicator and manual override
- Self-locking spindle actuator
- Electrical position indicator GEMÜ 1215 (optional)

Description

The GEMÜ 629 eSyLite 2/2-way diaphragm valve is motorized. It is available as an Open/Close version. An integrated optical position indicator is standard. The self-locking actuator holds its position in a stable manner in the event of power supply failure.

Technical specifications

- **Media temperature:** -10 to 80 °C
- **Ambient temperature:** -10 Up to 60 °C
- **Operating pressure :** 0 Up to 6 bar
- **Nominal sizes:** DN 4 to 65
- **Body configurations:** i-body | Multi-port body | Straight through body | T body | Tank valve body | Welding configuration
- **Connection types:** Clamp | Flange | Spigot | thread
- **Connection standards :** ANSI | ASME | BS | DIN | EN | ISO | JIS | SMS
- **Body materials:** (316L), forging material | 1.4408, investment casting material | 1.4408, investment casting material, PFA lined | 1.4435 (BN2), forged material | 1.4435, investment casting material | 1.4539 (904L), forged material | CW614N, brass | CW617N, brass | EN-GJS-400-18-LT, SG iron material | EN-GJS-400-18-LT, SG iron material with hard rubber lining | EN-GJS-400-18-LT, SG iron material, PFA lined | EN-GJS-400-18-LT, SG iron material, PP lined
- **Body lining:** Hard rubber | PFA | PP
- **Diaphragm materials:** CR | EPDM | FKM | NBR | PTFE/EPDM
- **Supply voltage:** 24 V DC
- **Actuating speed:** max. 3 mm/s
- **Protection class :** IP 65
- **Conformities:** Belgaqua | EAC | EHEDG | FDA | Reg. (EU) No. 10/2011 | Regulation (EC) No. 1935/2004 | Regulation (EC) No. 2023/2006

Technical data depends on the respective configuration

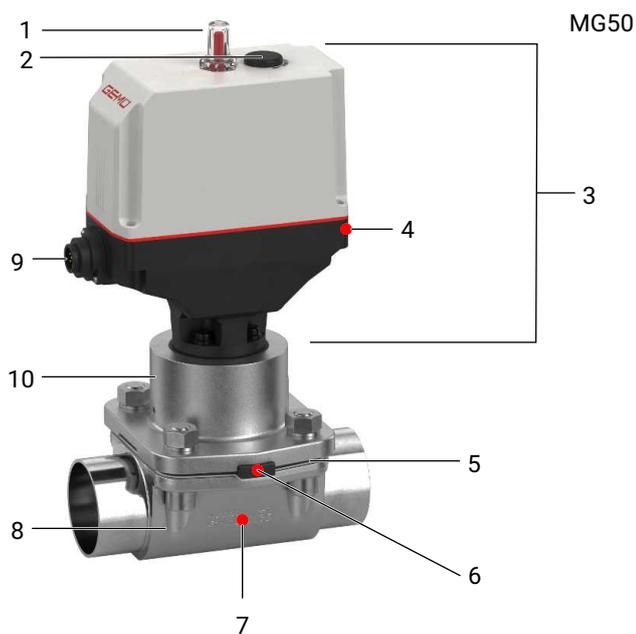
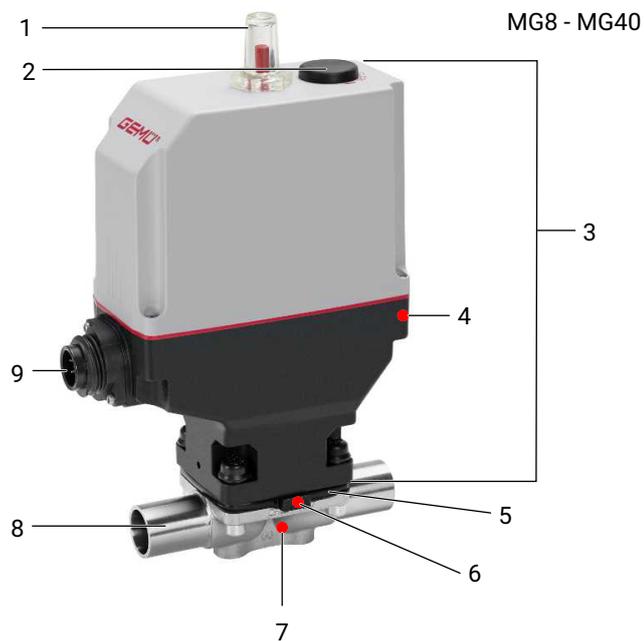


further information
webcode: GW-629



Product description

Construction



Position	Description	Materials
1	Transparent cap, optical position indicator	PA 12
2	Manual override	
3	Motorized actuator	Reinforced polyamide
4	CONEXO RFID chip actuator	
5	Diaphragm	CR, EPDM, FKM, NBR, PTFE / EPDM
6	CONEXO RFID-Chip Diaphragm	
7	CONEXO RFID chip body	

Position	Description	Materials
8	Valve body	EN-GJS-400-18-LT (GGG 40.3) EN-GJS-400-18-LT (GGG 40.3), PFA lining EN-GJS-400-18-LT (GGG 40.3), PP lining EN-GJS-400-18-LT (GGG 40.3), hard rubber lining 1.4408, investment casting 1.4408, PFA lining 1.4435 (F316L), Forged body 1.4435 (BN2), forged body, Δ Fe < 0.5 % 1.4435, investment casting 1.4539, forged body CW614N, CW617N (brass)
9	Electrical connection	
10	Distance piece (only for MG 50 Code K3)	1.4408

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".

Availability

Availability of grades of surface finish

Internal surface finishes for forged and block material bodies ¹⁾

Process contact surfaces	Mechanically polished ²⁾		Electropolished	
	Hygiene class DIN 11866	Code	Hygiene class DIN 11866	Code
Ra ≤ 0.80 µm	H3	1502	HE3	1503
Ra ≤ 0.60 µm	-	1507	-	1508
Ra ≤ 0.40 µm	H4	1536	HE4	1537
Ra ≤ 0.25 µm ³⁾	H5	1527	HE5	1516

Media wetted internal surface finishes in accordance with ASME BPE 2016 ⁴⁾	Mechanically polished ²⁾		Electropolished	
	ASME BPE surface designation	Code	ASME BPE surface designation	Code
Ra max. = 0.76 µm (30 µinch)	SF3	SF3	-	-
Ra max. = 0.64 µm (25 µinch)	SF2	SF2	SF6	SF6
Ra max. = 0.51 µm (20 µinch)	SF1	SF1	SF5	SF5
Ra max. = 0.38 µm (15 µinch)	-	-	SF4	SF4

Internal surface finishes for investment cast bodies

Process contact surfaces	Mechanically polished ²⁾	
	Hygiene class DIN 11866	Code
Ra ≤ 6.30 µm	-	1500
Ra ≤ 0.80 µm	H3	1502
Ra ≤ 0.60 µm ⁵⁾	-	1507

Ra acc. to DIN EN ISO 4288 and ASME B46.1

- 1) Surface finishes of customized valve bodies may be limited in special cases.
- 2) Or any other finishing method that meets the Ra value (acc. to ASME BPE).
- 3) The smallest possible Ra finish for pipe connections with an internal pipe diameter < 6 mm is 0.38 µm.
- 4) When using these surfaces, the bodies are marked according to the specifications of ASME BPE.
The surfaces are only available for valve bodies which are made of materials (e.g. GEMÜ material codes 40, 41, F4, 44)) and use connections (e.g. GEMÜ connection codes 59, 80, 88) according to ASME BPE.
- 5) Not possible for GEMÜ connection code 59, DN 8 and GEMÜ connection code 0, DN 4.

Availability of valve bodies**Spigot**

MG	DN	Connection type code ¹⁾																	
		0	16	17	18	35	36	37	55	59	60	63	64	65					
		Material code ²⁾																	
		C3	40, 42, F4	40, 42, F4	C3, 40, 42, F4	40, 42, F4	40, 42, F4	40, 42, F4	C3	40, 42, F4	40, 42, F4	C3	40, 42, F4	C3	40, 42, F4	40, 42, F4	40, 42, F4	40, 42, F4	
8	4	X	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	6	-	-	-	X	-	-	X	-	-	-	-	-	-	X	X	-	X	-
	8	-	-	-	X	-	-	X	-	-	X	X	X	X	X	X	-	X	-
	10	-	-	X	X	X	-	-	-	-	X	X	X	-	-	-	-	-	-
	15	-	-	-	-	-	-	-	-	-	X	X	X	-	-	-	-	-	-
10	10	-	-	X	X	X	-	X	-	-	X	-	X	X	X	X	-	X	-
	15	-	X	X	X	X	-	X	-	-	X	-	X	X	X	X	X	X	X
	20	-	-	-	-	-	-	-	-	-	X	X	X	-	-	-	-	-	-
25	15	-	X	X	X	X	-	X	-	-	-	-	-	X	X	X	X	X	X
	20	-	X	X	X	X	-	X	-	-	X	X	X	X	X	X	X	X	X
	25	-	X	X	X	X	X	X	X	X	-	X	X	X	X	X	X	X	X
40	32	-	X	X	X	X	X	X	-	X	-	-	-	X	X	X	X	X	X
	40	-	X	X	X	X	X	X	X	X	-	X	X	X	X	X	X	X	X
50	50	-	X	X	X	X	X	X	X	X	-	X	X	X	X	X	X	X	-
	65	-	-	-	-	-	X	-	-	X	-	-	X	-	-	-	-	-	-

MG = diaphragm size, X = standard

1) Connection type

Code 0: DIN spigot

Code 16: Spigots DIN EN 10357 Series B (2014 edition; formerly DIN 11850 Series 1)

Code 17: Spigot EN 10357 Series A / DIN 11866 Series A formerly DIN 11850 Series 2

Code 18: Spigot DIN 11850 Series 3

Code 35: Spigot JIS-G 3447

Code 36: Spigot JIS-G 3459 Schedule 10s

Code 37: SMS 3008 spigot

Code 55: Spigot BS 4825, Part 1

Code 59: Spigots ASME BPE / DIN EN 10357 Series C (from edition 2022) / DIN 11866 Series C

Code 60: Spigots ISO 1127 / DIN EN 10357 Series C (2014 edition) / DIN 11866 Series B

Code 63: Spigot ANSI/ASME B36.19M Schedule 10s

Code 64: Spigot ANSI/ASME B36.19M Schedule 5s

Code 65: ANSI/ASME B36.19M Schedule 40s spigot

2) Valve body material

Code 40: 1.4435 (F316L), forged body

Code 42: 1.4435 (BN2), forged body, $\Delta Fe < 0,5 \%$

Code C3: 1.4435, investment casting

Code F4: 1.4539 / UNS N08904, forged body

Code A1: 3.7035, titanium

Threaded connection

MG	DN	Connection type code ¹⁾				
		1			31	6, 6K
		Material code ²⁾				
		12	37	90	37, 90	40, 42
8	8	-	X	-	-	-
	10	-	-	-	-	W
10	10	-	-	-	-	W
	12	X	X	-	-	-
	15	X	X	-	-	W
25	15	-	X	X	X	W
	20	-	X	X	X	W
	25	-	X	X	X	W
40	32	-	X	X	X	W
	40	-	X	X	X	W
50	50	-	X	X	X	W

MG = diaphragm size, X = standard

W = welded assembly

1) **Connection type**

Code 1: Threaded socket DIN ISO 228

Code 31: NPT female thread

Code 6: Threaded spigot DIN 11851

Code 6K: Tapered connector and union nut DIN 11851

2) **Valve body material**

Code 12: CW614N, CW617N (brass)

Code 37: 1.4408, investment casting

Code 40: 1.4435 (F316L), forged body

Code 42: 1.4435 (BN2), forged body, Δ Fe < 0,5 %

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

Flange

MG	DN	Connection type code					
		8		34	38	39	
		Material code ¹⁾					
		17, 18, 39, 83, 90	40, 42, C3	39	17, 18 ²⁾ , 39, 83	17, 18, 39, 83, 90	40, 42, C3
25	15	X	W	X	-	X	W
	20	X	W	X	X	X	W
	25	X	W	X	X	X	W
40	32	X	W	X	-	X	W
	40	X	W	X	X	X	W
50	50	X	W	X	X	X	W
	65	X	-	-	X	X	-

MG = diaphragm size, X = standard

W = welded assembly

1) **Valve body material**

Code 17: EN-GJS-400-18-LT (GGG 40.3), PFA lining

Code 18: EN-GJS-400-18-LT (GGG 40.3), PP lining

Code 39: 1.4408, PFA lining

Code 40: 1.4435 (F316L), forged body

Code 42: 1.4435 (BN2), forged body, $\Delta Fe < 0,5 \%$

Code 83: EN-GJS-400-18-LT (GGG 40.3), hard rubber lining

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

Code C3: 1.4435, investment casting

2) On request

Clamp

MG	DN	Connection type code ¹⁾						
		80	82	88	8A	8E	8P	8T
		Material code ²⁾						
		40, 42, F4	40, 42, F4	40, 42, F4	40, 42, F4	40, 42, F4	40, 42, F4	40, 42, F4
8	6	-	K	-	K	-	-	-
	8	K	K	-	K	-	K	-
	10	K	-	-	W	-	K	-
	15	K	-	W	-	-	K	W
10	10	-	K	-	K	-	-	-
	15	K	W	K	K	-	K	K
	20	K	-	K	-	-	K	K
25	15	-	W	-	K	-	-	-
	20	K	K	K	K	-	K	K
	25	K	K	K	K	K	K	K
40	32	-	W	-	K	K	-	-
	40	K	W	K	K	K	K	K
50	50	K	W	K	K	K	K	K
	65	W	-	W	-	W	W	W

MG = diaphragm size

K = connections completely machined (not welded)

W = welded assembly

1) Connection type

Code 80: Clamp ASME BPE, Overall length FTF ASME BPE, Overall length only for housing type D

Code 82: Clamp DIN 32676 Series B, Overall length FTF EN 558 Series 7, Overall length only for housing type D

Code 88: Clamp ASME BPE, for pipe ASME BPE, Overall length FTF EN 558 Series 7, Overall length only for housing type D

Code 8A: Clamp DIN 32676 Series A, Overall length FTF according to EN 558 Series 7, Overall length only for housing type D

Code 8E: Clamp ISO 2852 for pipe ISO 2037, Clamp SMS 3017 for pipe SMS 3008 Overall length FTF EN 558 Series 7, Overall length only for housing type D

Code 8P: Clamp DIN 32676 Series C, Overall length FTF ASME BPE, Overall length only for housing form D

Code 8T: Clamp DIN 32676 Series C, Overall length FTF EN 558 Series 7, Overall length only for housing type D

2) Valve body material

Code 40: 1.4435 (F316L), forged body

Code 42: 1.4435 (BN2), forged body, $\Delta Fe < 0,5 \%$

Code F4: 1.4539 / UNS N08904, forged body

Code A1: 3.7035, titanium

Availability of product conformity

	Diaphragm material code ¹⁾	Body material code
Drinking water		
Belgaqua (B)	28	37, C3

1) Diaphragm material

Code 28: EPDM

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
Diaphragm valve, electrically operated, eSyLite	629

2 DN	Code
4	4
DN 6	6
DN 8	8
DN 10	10
DN 12	12
DN 15	15
DN 20	20
DN 25	25
DN 32	32
DN 40	40
DN 50	50
DN 65	65

3 Body configuration	Code
Floor drain	B
Body configuration code B: Dimensions and designs on request	
2/2-way body	D
T-body	T
Body configuration code T: Dimensions on request	

4 Connection type	Code
Spigot	
DIN spigot	0
Spigots DIN EN 10357 Series B (2014 edition; formerly DIN 11850 Series 1)	16
Spigot EN 10357 Series A / DIN 11866 Series A formerly DIN 11850 Series 2	17
Spigot DIN 11850 Series 3	18
Spigot JIS-G 3447	35
Spigot JIS-G 3459 Schedule 10s	36
SMS 3008 spigot	37
Spigot BS 4825, Part 1	55
Spigots ASME BPE / DIN EN 10357 Series C (from edition 2022) / DIN 11866 Series C	59
Spigots ISO 1127 / DIN EN 10357 Series C (2014 edition) / DIN 11866 Series B	60
Spigot ANSI/ASME B36.19M Schedule 10s	63
Spigot ANSI/ASME B36.19M Schedule 5s	64
ANSI/ASME B36.19M Schedule 40s spigot	65
Threaded connection	
Threaded socket DIN ISO 228	1
NPT female thread	31
Threaded spigot DIN 11851	6

4 Connection type	Code
Tapered connector and union nut DIN 11851	6K
Flange	
Flange EN 1092, PN 16, form B, Overall length FTF EN 558 series 1, ISO 5752, basic series 1, Overall length only for housing form D	8
Flange JIS B2220, 10K, RF, Overall length FTF EN 558 Series 1, ISO 5752, basic series 1, Overall length only for housing form D	34
Flange ANSI Class 150 RF, Overall length FTF MSS SP-88, Overall length only for housing type D	38
Flange ANSI Class 125/150 RF, Overall length FTF EN 558 Series 1, ISO 5752, basic series 1, Overall length only for housing form D	39
Clamp	
Clamp ASME BPE, Overall length FTF ASME BPE, Overall length only for housing type D	80
Clamp DIN 32676 Series B, Overall length FTF EN 558 Series 7, Overall length only for housing type D	82
Clamp ASME BPE, for pipe ASME BPE, Overall length FTF EN 558 Series 7, Overall length only for housing type D	88
Clamp DIN 32676 Series A, Overall length FTF according to EN 558 Series 7, Overall length only for housing type D	8A
Clamp ISO 2852 for pipe ISO 2037, Clamp SMS 3017 for pipe SMS 3008 Overall length FTF EN 558 Series 7, Overall length only for housing type D	8E
Clamp DIN 32676 Series C, Overall length FTF ASME BPE, Overall length only for housing form D	8P
Clamp DIN 32676 Series C, Overall length FTF EN 558 Series 7, Overall length only for housing type D	8T
Aseptic connections	
Flange	
Aseptic grooved flange DIN 11864-NF, for pipe DIN 11866 Series A and EN 10357 Series A, overall length FTF EN 558 Series 1, overall length only for housing form D	A1
Aseptic loose flange DIN 11864-BF, for pipe DIN 11866 Series A and EN 10357 Series A, overall length FTF EN 558 Series 1, overall length only for housing form D	A2

4 Connection type	Code
Aseptic grooved flange DIN 11864-NF, for pipe DIN 11866 series B and EN ISO 1127, overall length FTF EN 558 series 1, overall length only for housing form D	A4
Aseptic loose flange DIN 11864-BF, for pipe DIN 11866 series B and EN ISO 1127 Overall length FTF EN 558 series 1, Overall length only for housing form D	A5
Aseptic grooved flange DIN 11864-NF, for pipe DIN 11866 series C and ASME BPE, overall length FTF EN 558 series 1, overall length only for housing form D	A7
Aseptic loose flange DIN 11864-BF, for pipe DIN 11866 series C and ASME BPE, overall length FTF EN 558 series 1, overall length only for housing form D	A8
Threaded connection	
Aseptic threaded spigot DIN 11864-GS, for pipe DIN 11866 Series A and EN 10357 Series A	C1
Aseptic union nipple with groove cap nut DIN 11864-BS, for pipe DIN 11866 Series A and EN 10357 Series A	C2
Aseptic threaded spigot DIN 11864-GS, for pipe DIN 11866 series B and EN ISO 1127	C4
Aseptic union nipple with groove cap nut DIN 11864-BS, for pipe DIN 11866 series B and EN ISO 1127	C5
Aseptic threaded spigot DIN 11864-GS, for pipe DIN 11866 series C and ASME BPE	C7
Aseptic union nipple with groove cap nut DIN 11864-BS, for pipe DIN 11866 series C and ASME BPE	C8
Clamp	
Aseptic grooved clamp DIN 11864-NKS, for pipe DIN 11866 series A and EN 10357 series A, overall length FTF EN 558 series 7, overall length only for housing form D	E1
Aseptic notched clamp DIN 11864-BKS, for pipe DIN 11866 series A and EN 10357 series A, overall length FTF EN 558 series 7, overall length only for housing form D	E2
Grooved clamp DIN 11864-NKS, for pipe DIN 11866 series B and EN ISO 1127, overall length FTF EN 558 series 7, overall length only for housing form D	E4
Aseptic notched clamp DIN 11864-BKS, for pipe DIN 11866 series B and EN ISO 1127, overall length FTF EN 558 series 7, overall length only for housing form D	E5
Grooved clamp DIN 11864-NKS, for pipe DIN 11866 series C / ASME BPE, overall length FTF EN 558 series 7, overall length only for housing form D	E7
Aseptic notched clamp DIN 11864-BKS, for pipe DIN 11866 series C / ASME BPE, overall length FTF EN 558 series 7, overall length only for housing form D	E8
5 Valve body material	Code
SG iron material	
EN-GJS-400-18-LT (GGG 40.3), PFA lining	17

5 Valve body material	Code
EN-GJS-400-18-LT (GGG 40.3), PP lining	18
EN-GJS-400-18-LT (GGG 40.3), hard rubber lining	83
EN-GJS-400-18-LT (GGG 40.3)	90
Investment casting material	
1.4408, investment casting	37
1.4408, PFA lining	39
1.4435, investment casting	C3
Forged material	
1.4435 (F316L), forged body	40
1.4435 (BN2), forged body, $\Delta Fe < 0,5 \%$	42
1.4539 / UNS N08904, forged body	F4

6 Diaphragm material	Code
Elastomer	
NBR	2
EPDM	3A
FKM	4
FKM	4A
CR	8
EPDM	13
EPDM	17
EPDM	19
EPDM	28
EPDM	29
Note: The EPDM diaphragm code 3A and FKM diaphragm code 4A are available in diaphragm size 8.	
PTFE	
PTFE/EPDM one-piece	54
PTFE/EPDM two-piece	5M
PTFE/EPDM two-piece for lining body	5Y
PTFE/PVDF/EPDM three-piece	71
Note: The PTFE/EPDM diaphragm (code 5M) is available from diaphragm size 25.	

7 Voltage/Frequency	Code
24 V DC	C1

8 Control module	Code
OPEN/CLOSE actuator (economy)	A0
OPEN/CLOSE drive (economy) Emergency power supply module (NC)	A1
OPEN/CLOSE drive (economy) Emergency power supply module (NO)	A2
OPEN/CLOSE control with built-in traceability number GEMÜ 1235	Y0
OPEN/CLOSE control with integrated feedback device GEMÜ 1235 Emergency power supply module (NC)	Y1
OPEN/CLOSE control with integrated feedback device GEMÜ 1235 Emergency power supply module (NO)	Y2
OPEN/CLOSE control with built-in traceability number GEMÜ 1215	Z0

Order data

8 Control module	Code
OPEN/CLOSE control with integrated feedback device GEMÜ 1215 Emergency power supply module (NC)	Z1
OPEN/CLOSE control with integrated feedback device GEMÜ 1215 Emergency power supply module (NO)	Z2

9 Surface	Code
Ra ≤ 6.3 µm for surfaces in contact with media, mechanically polished on the inside	1500
Ra ≤ 0.8 µm for surfaces in contact with media, in accordance with DIN 11866 H3 mechanically polished on the inside	1502
Ra ≤ 0.8 µm for surfaces in contact with media, in accordance with DIN 11866 HE3, electropolished inside/outside	1503
Ra ≤ 0.6 µm for surfaces in contact with media, mechanically polished on the inside	1507
Ra ≤ 0.6 µm for surfaces in contact with media, electropolished inside/outside	1508
Ra ≤ 0.4 µm for surfaces in contact with media, in accordance with DIN 11866 H4, mechanically polished on the inside	1536
Ra ≤ 0.4 µm for surfaces in contact with media, in accordance with DIN 11866 HE4, electropolished inside/outside	1537
Ra ≤ 0.25 µm for surfaces in contact with media *), in accordance with DIN 11866 HE5, electropolished inside/outside, *) for pipe inner diameter < 6 mm, Ra ≤ 0.38 µm in the spigot	1516
Ra ≤ 0.25 µm for surfaces in contact with media *), in accordance with DIN 11866 H5, mechanically polished on the inside, *) for pipe inner Ø < 6 mm, Ra ≤ 0.38 µm in the spigot	1527
Ra max. 0.51 µm (20 µin.) for surfaces in contact with media, in accordance with ASME BPE SF1, internally mechanically polished	SF1
Ra max. 0.64 µm (25 µin.) for surfaces in contact with media, in accordance with ASME BPE SF2, internally mechanically polished	SF2

9 Surface	Code
Ra max. 0.76 µm (30 µin.) for surfaces in contact with media, in accordance with ASME BPE SF3, mechanically polished interior	SF3
Ra max. 0.38 µm (15 µin.) for surfaces in contact with media, in accordance with ASME BPE SF4, electropolished inside/outside	SF4
Ra max. 0.51 µm (20 µin.) for surfaces in contact with media, in accordance with ASME BPE SF5, electropolished inside/outside	SF5
Ra max. 0.64 µm (25 µin.) for surfaces in contact with media, in accordance with ASME BPE SF6, electropolished inside/outside	SF6

10 Actuator version	Code
Actuator size 0 diaphragm size 8	0B
Actuator size 1 Diaphragm size 10	1C
Actuator size 1 Diaphragm size 25	1F
Actuator size 3 Diaphragm size 40	3H
Actuator size 3 Diaphragm size 50 with distance piece	K3

11 Special version	Code
Without	
BELGAQUA certification	B
Special design for oxygen, maximum medium temperature: 60°C	S

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

Order example

Ordering option	Code	Description
1 Type	629	Diaphragm valve, electrically operated, eSyLite
2 DN	40	DN 40
3 Body configuration	D	2/2-way body
4 Connection type	60	Spigots ISO 1127 / DIN EN 10357 Series C (2014 edition) / DIN 11866 Series B
5 Valve body material	40	1.4435 (F316L), forged body
6 Diaphragm material	5M	PTFE/EPDM two-piece
7 Voltage/Frequency	C1	24 V DC
8 Control module	A0	OPEN/CLOSE actuator (economy)

Ordering option	Code	Description
9 Surface	1503	Ra ≤ 0.8 µm for surfaces in contact with media, in accordance with DIN 11866 HE3, electropolished inside/outside
10 Actuator version	3H	Actuator size 3 Diaphragm size 40
11 CONEXO		Without

Technical data

Medium

Working medium: Corrosive, inert, gaseous and liquid media which have no negative impact on the physical and chemical properties of the body and diaphragm material.
The valve will seal in both flow directions up to full operating pressure (gauge pressure).

Temperature

Media temperature: -10 – 80 °C

Ambient temperature: -10 – 60 °C

If the emergency power supply module (control module code A1, A2, Y1, Y2, Z1, Z2) is used, the maximum ambient temperature is reduced to 40 °C.

Storage temperature: 0 – 40 °C

Pressure

Operating pressure: 0 – 6 bar

Pressure rating: PN 16

Leakage rate: Leakage rate A to P11/P12 EN 12266-1

Kv values:

MG	DN	Connection type code								
		0	16	17	18	37	59	60	1	31
8	4	0.5	-	-	-	-	-	-	-	-
	6	-	-	1.1	-	-	-	1.2	-	-
	8	-	-	1.3	-	-	0.6	2.2	1.4	-
	10	-	2.1	2.1	2.1	-	1.3	-	-	-
	15	-	-	-	-	-	2.0	-	-	-
10	10	-	2.4	2.4	2.4	-	2.2	3.3	-	-
	12	-	-	-	-	-	-	-	3.2	-
	15	3.3	3.8	3.8	3.8	-	2.2	4.0	3.4	-
	20	-	-	-	-	-	3.8	-	-	-
25	15	4.1	4.7	4.7	4.7	-	-	7.4	6.5	6.5
	20	6.3	7.0	7.0	7.0	-	4.4	13.2	10.0	10.0
	25	13.9	15.0	15.0	15.0	12.6	12.2	16.2	14.0	14.0
40	32	25.3	27.0	27.0	27.0	26.2	-	30.0	26.0	26.0
	40	29.3	30.9	30.9	30.9	30.2	29.5	32.8	33.0	33.0
50	50	46.5	48.4	48.4	48.4	51.7	50.6	55.2	60.0	60.0
	65	-	-	-	-	62.2	61.8	-	-	-

MG = diaphragm size

Kv values in m³/h

Kv values determined in accordance with DIN EN 60534 standard, inlet pressure 5 bar, Δp 1 bar, stainless steel valve body and soft elastomer diaphragm. The Kv values for other product configurations (e.g. other diaphragm or body materials) may differ. In general, all diaphragms are subject to the influences of pressure, temperature, the process and their tightening torques. Therefore the Kv values may exceed the tolerance limits of the standard.

The Kv value curve (Kv value dependent on valve stroke) can vary depending on the diaphragm material and term of use.

Kv values:

MG	DN	Cast body without lining		Rubber lining	Plastic lining
		Threaded body	Flanged body		
		Material code 90		Material code 83	Material code 17, 18, 39
25	15	8.0	10.0	6.0	5.0
	20	11.5	14.0	11.0	9.0
	25	11.5	17.0	15.0	13.0
40	32	28.0	36.0	29.0	23.0
	40	28.0	40.0	32.0	26.0
50	50	60.0	68.0	53.0	47.0
	65	-	68.0	53.0	47.0

MG = diaphragm size, Kv values in m³/h
 Kv values determined in accordance with DIN EN 60534, inlet pressure 5 bar, Δp 1 bar, with connection flange EN 1092 length EN 558 series 1 (or threaded socket DIN ISO 228 for body material GGG40.3) and soft elastomer diaphragm. The Kv values for other product configurations (e.g. other diaphragm or body materials) may differ. In general, all diaphragms are subject to the influences of pressure, temperature, the process and their tightening torques. Therefore the Kv values may exceed the tolerance limits of the standard. The Kv value curve (Kv value dependent on valve stroke) can vary depending on the diaphragm material and term of use.

Product compliance

- Machinery Directive:** 2006/42/EC
- Pressure Equipment Directive:** 2014/68/EU
- Food:** Regulation (EC) No. 1935/2004*
 Regulation (EC) No. 10/2011*
 FDA*
 USP* Class VI
- Oxygen:** Testing of the seal material based on DIN EN 1797 and ISO 21010:2017 – Cryogenic vessels – Gas/material compatibility (special version code S)
- EMC Directive:** 2014/30/EU
- Drinking water:** Belgaqua*
- RoHS Directive:** 2011/65/EU

* depending on version and/or operating parameters

Mechanical data

Protection class: IP 65 acc. to EN 60529

Actuating speed: Max. 3 mm/s

Flow direction: Optional

Installation position: Optional

Observe the angle of rotation for optimized draining when it comes to installation.
See separate document, "Angle of rotation technical information".

Weight:

Actuator

Actuator version 0B	0.41 kg
Actuator version 1C	0.8 kg
Actuator version 1F	0.94 kg
Actuator version 3H	1.4 kg
Actuator version K3	2.8 kg

Body

Connection type Code		0, 16, 17, 18, 35, 36, 37, 55, 59, 60, 63, 64, 65	1	1	1, 31	31	6, 6K	8, 38, 39	80, 82, 88, 8A, 8E, 8P, 8T
Valve body		Spigot	Threaded socket				Threaded spigot	Flange	Clamp
Material code			12	37	90	37			
MG	DN								
8	4	0.09	-	-	-	-	-	-	-
	6	0.09	-	-	-	-	-	-	-
	8	0.09	-	0.09	-	-	-	-	0.15
	10	0.09	-	-	-	-	0.21	-	0.18
	15	0.09	-	-	-	-	-	-	0.18
10	10	0.30	-	-	-	-	0.33	-	0.30
	12	-	0.17	0.17	-	-	-	-	-
	15	0.30	0.26	0.26	-	-	0.35	-	0.43
	20	-	-	-	-	-	-	-	0.43
25	15	0.62	-	0.32	0.50	0.32	0.71	1.50	0.75
	20	0.58	-	0.34	0.60	0.34	0.78	2.20	0.71
	25	0.55	-	0.39	0.90	0.39	0.79	2.80	0.63
40	32	1.45	-	0.88	1.40	0.88	1.66	3.40	1.62
	40	1.32	-	0.93	1.90	0.93	1.62	4.50	1.50
50	50	2.25	-	1.56	2.70	1.56	2.70	6.30	2.50
	65	2.20	-	-	-	-	-	10.30	2.30

MG = diaphragm size, weight in kg

Mechanical environmental conditions: Class 4M8 acc. to EN 60721-3-4:1998

Vibration: 5g acc. to IEC 60068-2-6 Test Fc

Shock: 25g acc. to 60068-2-27 Test Ea

Actuator duty cycle and service life

Service life: Class A acc. to EN 15714-2
Minimum 100,000 switching cycles at room temperature and permissible duty cycle.

Duty cycle: max. 30% duty

Electrical data

Supply voltage: 24 V DC
Tolerance $\pm 10\%$

Operating time: MG 8: 1.7 s
MG 10: 2.5 s
MG 25: 4.0 s
MG 40: 4.5 s
MG 50: 7.0 s

Close tight current / rated current: MG 8: 0.4 A
MG 10: 0.5 A
MG 25: 1.3 A
MG 40: 2.3 A
MG 50: 2.3 A

Starting current / maximum current: MG 8: Approx. 0.7 A
MG 10: Approx. 2.4 A
MG 25: Approx. 2.4 A
MG 40: Approx. 4.5 A
MG 50: Approx. 4.5 A

Standby current consumption: approx. 10 mA

Digital input signals

Input voltage: max. 30 V DC
 $\geq 56\text{ k}\Omega$

High level: $\geq 18\text{ V DC}$

Low level: $\leq 5\text{ V DC}$

Minimum actuation duration: 600 ms

Input current: $< 0.6\text{ mA}$

Emergency power supply module

Charging current: MG 8: Max. 0.1 A
MG 10, MG 25: Max. 0.16 A
MG 40: 0.32 A
MG 50: Not available

Charging time: approx. 13 min

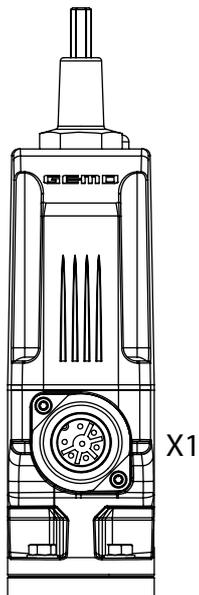
Service life: For actuator size 1 (AG1 – MG10 and MG25) and actuator size 3 (AG3 – MG40):
Guide value at 25 °C ambient temperature, approx. 3 years

For actuator size 0 (AG0 - MG8):

Ambient temperature Drive AG0	Service life of emergency power supply module
60 °C	approx. 2.5 years
50 °C	approx. 6 years
40 °C and below	More than 10 years

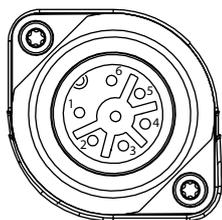
Electrical connection

Position of the connectors



Electrical connection

Connection X1



7-pin plug, Binder, type 693

Pin	Signal name
1	24 V supply voltage
2	GND
3	Digital input OPEN
4	Digital input CLOSED
5	n.c.
6	n.c.
7	n.c.

Preferred direction if both digital inputs are present
for device version 00
(see operating instructions – Product label)

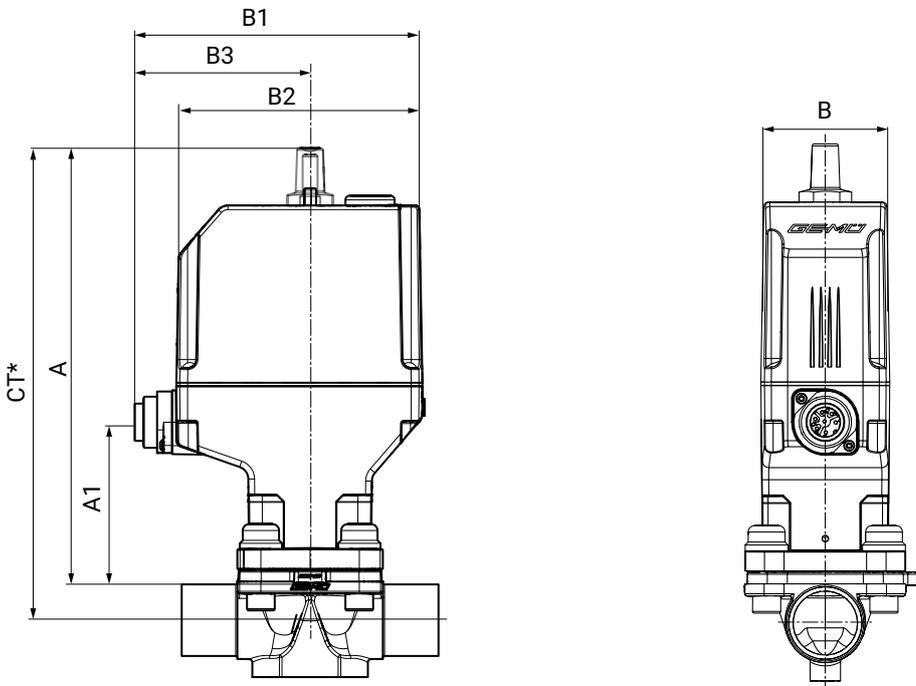
Control module ordering option	Preferred direction
A0, Y0, Z0	OPEN
A1, Y1, Z1	CLOSED

Dimensions

Preferred direction if both digital inputs are present for device version 00 (see operating instructions – Product label)	
A2, Y1, Z2	OPEN
Preferred direction if both digital inputs are present for device version 01 (see operating instructions – Product label)	
Control module ordering option	Preferred direction
A0, Y0, Z0	OPEN
A1, Y1, Z1	OPEN
A2, Y2, Z2	CLOSED

Dimensions

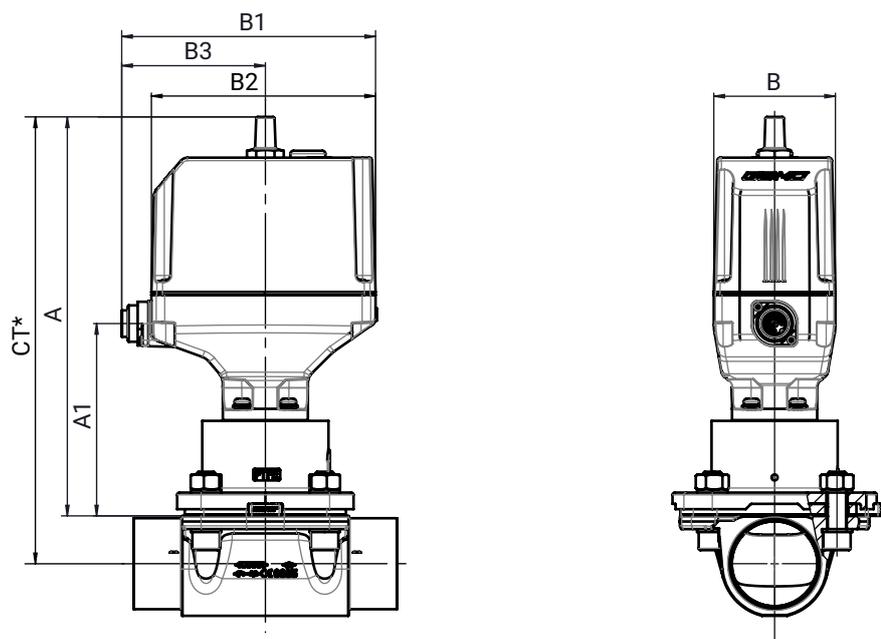
Actuator dimensions



MG	A	A1	B	B1	B2	B3
8	157.0	43.5	43.0	112.5	93.5	72.0
10	192.0	63.0	59.5	134.5	115.0	82.0
25	204.0	75.0	59.5	134.5	115.0	82.0
40	228.0	91.0	80.0	167.0	147.5	94.5

Dimensions in mm
 MG = diaphragm size
 * CT = A + H1 (see body dimensions)

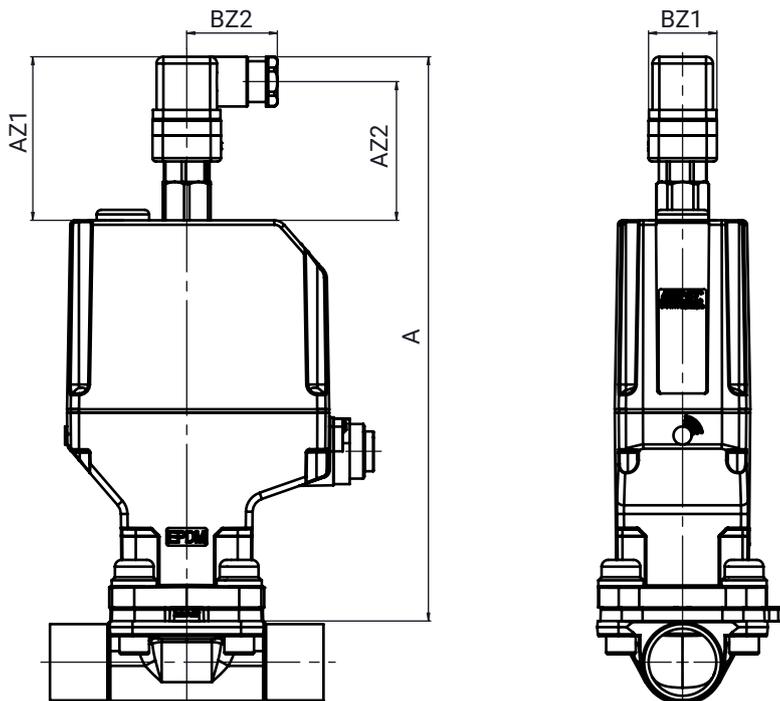
Actuator dimensions with distance piece



MG	A	A1	B	B1	B2	B3
50	265.0	128.0	80.0	167.0	147.5	94.5

Dimensions in mm
 MG = diaphragm size
 * CT = A + H1 (see body dimensions)
 MG 50 with metal distance piece

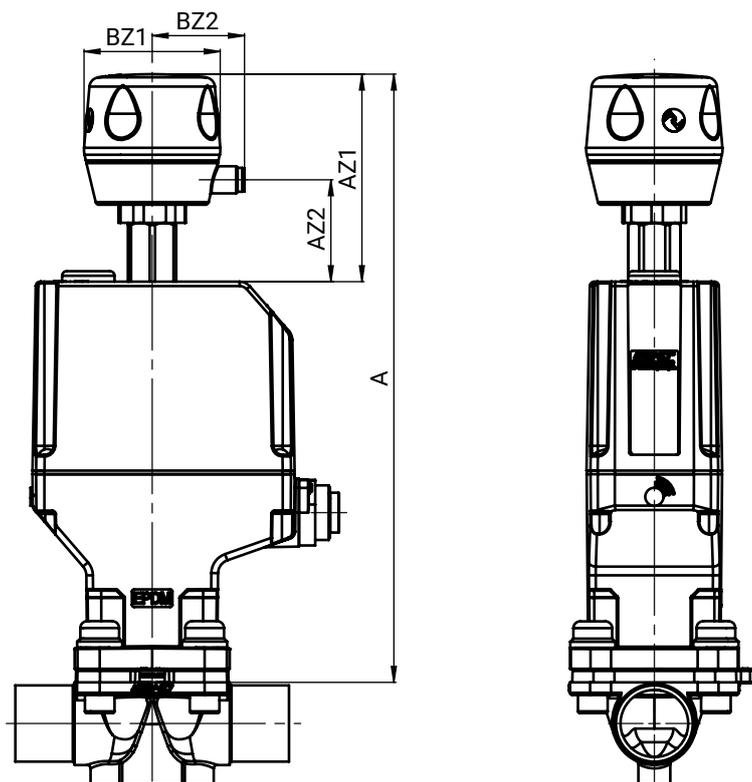
Actuator dimensions with GEMÜ 1215 position indicator



MG	A	AZ1	AZ2	BZ1	BZ2
8	203.0	72.0	61.0	30.0	40.0
10	237.0	72.0	61.0	30.0	40.0
25	249.0	72.0	61.0	30.0	40.0
40	273.0	72.0	61.0	30.0	40.0
50	310.0	72.0	61.0	30.0	40.0

Dimensions in mm
 MG = diaphragm size
 MG 50 with metal distance piece

Actuator dimensions with GEMÜ 1235 position indicator



MG	A	AZ1	AZ2	Dia. BZ1	BZ2
8	222,0	92,0	45,0	60,0	40,5
10	257,0	92,0	45,0	60,0	40,5
25	269,0	92,0	45,0	60,0	40,5
40	293,0	92,0	45,0	60,0	40,5
50	330,0	92,0	45,0	60,0	40,5

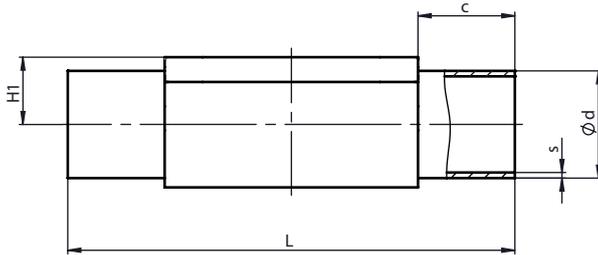
Dimensions in mm

MG = diaphragm size

MG 50 with metal distance piece

Body dimensions

Spigot DIN/EN ISO (code 0, 16, 17, 18, 60)



Connection type spigot DIN/EN/ISO (code 0, 16, 17, 18, 60)¹⁾, forged material (code 40, 42, F4)²⁾

MG	DN	NPS	c (min)	Ød					H1	L	s				
				Connection type							Connection type				
				0	16	17	18	60			0	16	17	18	60
8	4	-	20.0	6.0	-	-	-	-	8.5	72.0	1.0	-	-	-	-
	6	-	20.0	-	-	8.0	-	10.2	8.5	72.0	-	-	1.0	-	1.6
	8	1/4"	20.0	-	-	10.0	-	13.5	8.5	72.0	-	-	1.0	-	1.6
	10	3/8"	20.0	-	12.0	13.0	14.0	-	8.5	72.0	-	1.0	1.5	2.0	-
10	10	3/8"	25.0	-	12.0	13.0	14.0	17.2	12.5	108.0	-	1.0	1.5	2.0	1.6
	15	1/2"	25.0	18.0	18.0	19.0	20.0	21.3	12.5	108.0	1.5	1.0	1.5	2.0	1.6
25	15	1/2"	25.0	18.0	18.0	19.0	20.0	21.3	19.0	120.0	1.5	1.0	1.5	2.0	1.6
	20	3/4"	25.0	22.0	22.0	23.0	24.0	26.9	19.0	120.0	1.5	1.0	1.5	2.0	1.6
	25	1"	25.0	28.0	28.0	29.0	30.0	33.7	19.0	120.0	1.5	1.0	1.5	2.0	2.0
40	32	1 1/4"	25.0	34.0	34.0	35.0	36.0	42.4	26.0	153.0	1.5	1.0	1.5	2.0	2.0
	40	1 1/2"	30.5	40.0	40.0	41.0	42.0	48.3	26.0	153.0	1.5	1.0	1.5	2.0	2.0
50	50	2"	30.0	52.0	52.0	53.0	54.0	60.3	32.0	173.0	1.5	1.0	1.5	2.0	2.0

Dimensions in mm

MG = diaphragm size

1) Connection type

Code 0: DIN spigot

Code 16: Spigots DIN EN 10357 Series B (2014 edition; formerly DIN 11850 Series 1)

Code 17: Spigot EN 10357 Series A / DIN 11866 Series A formerly DIN 11850 Series 2

Code 18: Spigot DIN 11850 Series 3

Code 60: Spigots ISO 1127 / DIN EN 10357 Series C (2014 edition) / DIN 11866 Series B

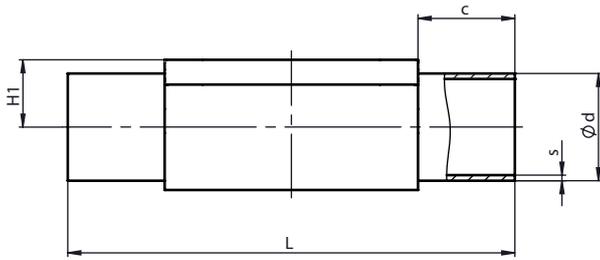
2) Valve body material

Code 40: 1.4435 (F316L), forged body

Code 42: 1.4435 (BN2), forged body, Δ Fe < 0,5 %

Code F4: 1.4539 / UNS N08904, forged body

Code A1: 3.7035, titanium



Connection type spigot DIN/EN/ISO (code 0, 17, 60)¹⁾, investment casting material (code C3)²⁾

MG	DN	NPS	c (min)	ød			H1	L	s		
				Connection type					Connection type		
				0	17	60			0	17	60
8	4	-	20.0	6.0	-	-	8.5	72.0	1.0	-	-
	6	-	20.0	-	8.0	-	8.5	72.0	-	1.0	-
	8	1/4"	20.0	-	10.0	13.5	8.5	72.0	-	1.0	1.6
	10	3/8"	20.0	-	13.0	-	8.5	72.0	-	1.5	-
10	10	3/8"	25.0	-	13.0	17.2	12.5	108.0	-	1.5	1.6
	15	1/2"	25.0	-	19.0	21.3	12.5	108.0	-	1.5	1.6
25	15	1/2"	25.0	-	19.0	21.3	13.0	120.0	-	1.5	1.6
	20	3/4"	25.0	-	23.0	26.9	16.0	120.0	-	1.5	1.6
	25	1"	25.0	-	29.0	33.7	19.0	120.0	-	1.5	2.0
40	32	1 1/4"	25.0	-	35.0	42.4	24.0	153.0	-	1.5	2.0
	40	1 1/2"	30.5	-	41.0	48.3	26.0	153.0	-	1.5	2.0
50	50	2"	30.0	-	53.0	60.3	32.0	173.0	-	1.5	2.0

Dimensions in mm

MG = diaphragm size

1) **Connection type**

Code 0: DIN spigot

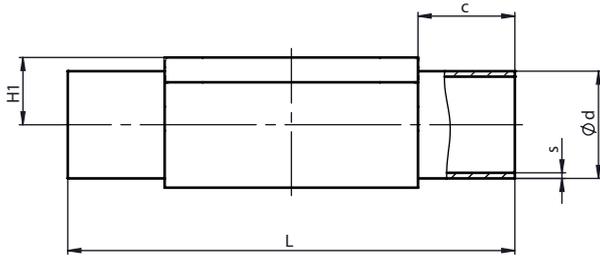
Code 17: Spigot EN 10357 Series A / DIN 11866 Series A formerly DIN 11850 Series 2

Code 60: Spigots ISO 1127 / DIN EN 10357 Series C (2014 edition) / DIN 11866 Series B

2) **Valve body material**

Code C3: 1.4435, investment casting

Spigot ASME/BS (code 55, 59, 63, 64, 65)



Connection type spigot ASME/BS (code 55, 59, 63, 64, 65)¹⁾, forged material (code 40, 42, F4)²⁾

MG	DN	NPS	c (min)	Ød					H1	L	s				
				Connection type							Connection type				
				55	59	63	64	65			55	59	63	64	65
8	6	-	20.0	-	-	10.3	-	10.3	8.5	72.0	-	-	1.24	-	1.73
	8	1/4"	20.0	6.35	6.35	13.7	-	13.7	8.5	72.0	1.2	0.89	1.65	-	2.24
	10	3/8"	20.0	9.53	9.53	-	-	-	8.5	72.0	1.2	0.89	-	-	-
	15	1/2"	20.0	12.70	12.70	-	-	-	8.5	72.0	1.2	1.65	-	-	-
10	10	3/8"	25.0	9.53	9.53	17.1	-	17.1	12.5	108.0	1.2	0.89	1.65	-	2.31
	15	1/2"	25.0	12.70	12.70	21.3	21.3	21.3	12.5	108.0	1.2	1.65	2.11	1.65	2.77
	20	3/4"	25.0	19.05	19.05	-	-	-	12.5	108.0	1.2	1.65	-	-	-
25	15	1/2"	25.0	-	-	21.3	21.3	21.3	19.0	120.0	-	-	2.11	1.65	2.77
	20	3/4"	25.0	19.05	19.05	26.7	26.7	26.7	19.0	120.0	1.2	1.65	2.11	1.65	2.87
	25	1"	25.0	-	25.40	33.4	33.4	33.4	19.0	120.0	-	1.65	2.77	1.65	3.38
40	32	1 1/4"	25.0	-	-	42.2	42.2	42.2	26.0	153.0	-	-	2.77	1.65	3.56
	40	1 1/2"	30.5	-	38.10	48.3	48.3	48.3	26.0	153.0	-	1.65	2.77	1.65	3.68
50	50	2"	30.0	-	50.80	60.3	60.3	60.3	32.0	173.0	-	1.65	2.77	1.65	3.91
	65	2 1/2"	30.0	-	63.50	-	-	-	34.0	173.0	-	1.65	-	-	-

Connection type spigot ASME BPE (code 59)¹⁾, investment casting material (code C3)²⁾

MG	DN	NPS	c (min)	Ød	H1	L	s
8	8	1/4"	20.0	6.35	8.5	72.0	0.89
	10	3/8"	20.0	9.53	8.5	72.0	0.89
	15	1/2"	20.0	12.70	8.5	72.0	1.65
10	20	3/4"	25.0	19.05	12.5	108.0	1.65
25	20	3/4"	25.0	19.05	16.0	120.0	1.65
	25	1"	25.0	25.40	19.0	120.0	1.65
40	40	1 1/2"	30.5	38.10	26.0	153.0	1.65
50	50	2"	30.0	50.80	32.0	173.0	1.65

Dimensions in mm

MG = diaphragm size

1) Connection type

Code 55: Spigot BS 4825, Part 1

Code 59: Spigots ASME BPE / DIN EN 10357 Series C (from edition 2022) / DIN 11866 Series C

Code 63: Spigot ANSI/ASME B36.19M Schedule 10s

Code 64: Spigot ANSI/ASME B36.19M Schedule 5s

Code 65: ANSI/ASME B36.19M Schedule 40s spigot

2) Valve body material

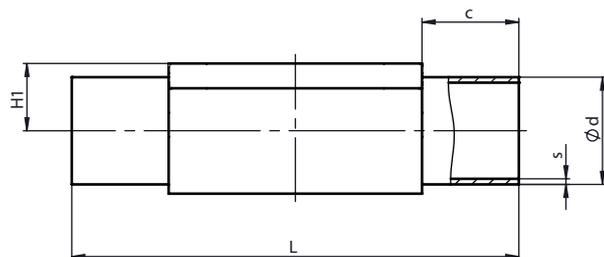
Code 40: 1.4435 (F316L), forged body

Code 42: 1.4435 (BN2), forged body, Δ Fe < 0,5 %

Code C3: 1.4435, investment casting

Code F4: 1.4539 / UNS N08904, forged body

Code A1: 3.7035, titanium

Spigot JIS/SMS (code 35, 36, 37)**Connection type spigot JIS/SMS (code 35, 36, 37)¹⁾, forged material (code 40, 42, F4)²⁾**

MG	DN	NPS	c (min)	Ød			H1	L	s		
				Connection type					Connection type		
				35	36	37			35	36	37
8	6	-	20.0	-	10.5	-	8.5	72.0	-	1.20	-
	8	1/4"	20.0	-	13.8	-	8.5	72.0	-	1.65	-
10	10	3/8"	25.0	-	17.3	-	12.5	108.0	-	1.65	-
	15	1/2"	25.0	-	21.7	-	12.5	108.0	-	2.10	-
25	15	1/2"	25.0	-	21.7	-	19.0	120.0	-	2.10	-
	20	3/4"	25.0	-	27.2	-	19.0	120.0	-	2.10	-
	25	1"	25.0	25.4	34.0	25.0	19.0	120.0	1.2	2.80	1.2
40	32	1 1/4"	25.0	31.8	42.7	33.7	26.0	153.0	1.2	2.80	1.2
	40	1 1/2"	30.5	38.1	48.6	38.0	26.0	153.0	1.2	2.80	1.2
50	50	2"	30.0	50.8	60.5	51.0	32.0	173.0	1.5	2.80	1.2
	65	2 1/2"	30.0	63.5	-	63.5	34.0	173.0	2.0	-	1.6

Connection type spigot SMS (code 37)¹⁾, investment casting material (code C3)³⁾

MG	DN	NPS	c (min)	Ød	H1	L	s
25	25	1"	25.0	25.0	19.0	120.0	1.2
40	40	1 1/2"	30.5	38.0	26.0	153.0	1.2
50	50	2"	30.0	51.0	32.0	173.0	1.2

Dimensions in mm

MG = diaphragm size

1) Connection type

Code 35: Spigot JIS-G 3447

Code 36: Spigot JIS-G 3459 Schedule 10s

Code 37: SMS 3008 spigot

2) Valve body material

Code 40: 1.4435 (F316L), forged body

Code 42: 1.4435 (BN2), forged body, Δ Fe < 0,5 %

Code C3: 1.4435, investment casting

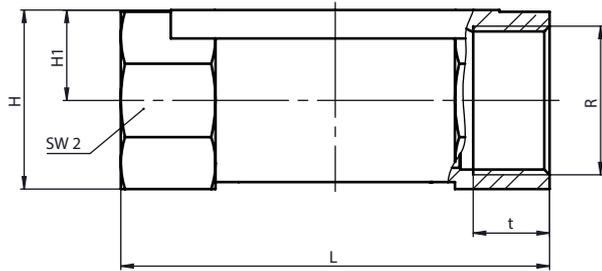
Code F4: 1.4539 / UNS N08904, forged body

Code A1: 3.7035, titanium

3) Valve body material

Code C3: 1.4435, investment casting

Threaded socket DIN (code 1)



Connection type threaded socket (code 1)¹⁾, brass material (code 12)²⁾

MG	DN	NPS	H	H1	L	n	R	SW 2	t
10	12	3/8"	23.0	11.0	55.0	2	G 3/8	22.0	13.0
	15	1/2"	29.0	14.0	75.0	2	G 1/2	25.0	15.0

Connection type threaded socket (code 1)¹⁾, investment casting material (code 37)²⁾

MG	DN	NPS	H	H1	L	n	R	SW 2	t
8	8	1/4"	19.0	9.0	72.0	6	G 1/4	18.0	11.0
10	12	3/8"	25.0	13.0	55.0	2	G 3/8	22.0	12.0
	15	1/2"	30.0	15.0	68.0	2	G 1/2	27.0	15.0
25	15	1/2"	28.3	14.8	85.0	6	G 1/2	27.0	15.0
	20	3/4"	33.3	17.3	85.0	6	G 3/4	32.0	16.0
	25	1"	42.3	21.8	110.0	6	G 1	41.0	19.0
40	32	1 1/4"	51.3	26.3	120.0	8	G 1 1/4	50.0	20.0
	40	1 1/2"	56.3	28.8	140.0	8	G 1 1/2	55.0	18.0
50	50	2"	71.3	36.0	165.0	8	G 2	70.0	26.0

Connection type threaded socket (code 1)¹⁾, SG iron material (code 90)²⁾

MG	DN	NPS	H	H1	L	n	R	SW 2	t
25	15	1/2"	32.7	16.7	85.0	6	G 1/2	32	15.0
	20	3/4"	42.0	21.5	85.0	6	G 3/4	41	16.3
	25	1"	46.7	23.7	110.0	6	G 1	46	19.1
40	32	1 1/4"	56.0	28.5	120.0	6	G 1 1/4	55	21.4
	40	1 1/2"	66.0	33.5	140.0	6	G 1 1/2	65	21.4
50	50	2"	76.0	38.5	165.0	6	G 2	75	25.7

Dimensions in mm

MG = diaphragm size

n = number of flats

1) Connection type

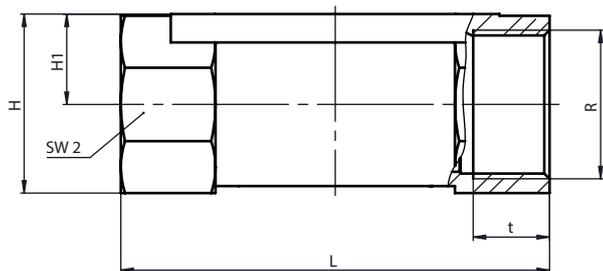
Code 1: Threaded socket DIN ISO 228

2) Valve body material

Code 12: CW614N, CW617N (brass)

Code 37: 1.4408, investment casting

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

Threaded socket NPT (code 31)**Connection type threaded socket NPT (code 31)¹⁾, investment casting material (code 37)²⁾**

MG	DN	NPS	H	H1	L	n	R	SW 2	t
25	15	1/2"	28.3	14.8	85.0	6	NPT 1/2	27.0	14.0
	20	3/4"	33.3	17.3	85.0	6	NPT 3/4	32.0	14.0
	25	1"	42.3	21.8	110.0	6	NPT 1	41.0	17.0
40	32	1 1/4"	51.3	26.3	120.0	8	NPT 1 1/4	50.0	17.0
	40	1 1/2"	56.3	28.8	140.0	8	NPT 1 1/2	55.0	17.0
50	50	2"	71.3	36.3	165.0	8	NPT 2	70.0	18.0

Connection type threaded socket NPT (code 31)¹⁾, SG iron material (code 90)²⁾

MG	DN	NPS	H	H1	L	n	R	SW 2	t
25	15	1/2"	32.7	16.7	85.0	6	NPT 1/2	32	13.6
	20	3/4"	42.0	21.5	85.0	6	NPT 3/4	41	14.1
	25	1"	46.7	23.7	110.0	6	NPT 1	46	16.8
40	32	1 1/4"	56.0	28.5	120.0	6	NPT 1 1/4	55	17.3
	40	1 1/2"	66.0	33.5	140.0	6	NPT 1 1/2	65	17.3
50	50	2"	76.0	38.5	165.0	6	NPT 2	75	17.7

Dimensions in mm

MG = diaphragm size

n = number of flats

1) Connection type

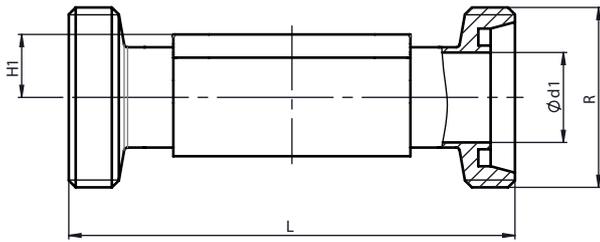
Code 31: NPT female thread

2) Valve body material

Code 37: 1.4408, investment casting

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

Threaded spigot DIN (code 6)



Connection type threaded spigot DIN (code 6)¹⁾, forged material (code 40, 42)²⁾

MG	DN	NPS	Ød1	H1	L	R
8	10	3/8"	10.0	8.5	92.0	Rd 28 x 1/8
10	10	3/8"	10.0	12.5	118.0	Rd 28 x 1/8
	15	1/2"	16.0	12.5	118.0	Rd 34 x 1/8
25	15	1/2"	16.0	19.0	118.0	Rd 34 x 1/8
	20	3/4"	20.0	19.0	118.0	Rd 44 x 1/6
	25	1"	26.0	19.0	128.0	Rd 52 x 1/6
40	32	1 1/4"	32.0	26.0	147.0	Rd 58 x 1/6
	40	1 1/2"	38.0	26.0	160.0	Rd 65 x 1/6
50	50	2"	50.0	32.0	191.0	Rd 78 x 1/6

Dimensions in mm

MG = diaphragm size

1) Connection type

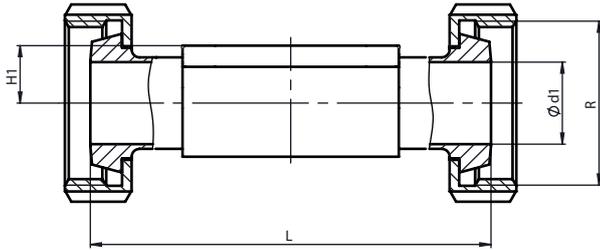
Code 6: Threaded spigot DIN 11851

2) Valve body material

Code 40: 1.4435 (F316L), forged body

Code 42: 1.4435 (BN2), forged body, Δ Fe < 0,5 %

Code A1: 3.7035, titanium

Cone spigot DIN (code 6K)**Connection type cone spigot DIN (code 6K)¹⁾, forged material (code 40, 42)²⁾**

MG	DN	NPS	Ød1	H1	L	R
8	10	3/8"	10.0	8.5	90.0	Rd 28 x 1/8
10	10	3/8"	10.0	12.5	116.0	Rd 28 x 1/8
	15	1/2"	16.0	12.5	116.0	Rd 34 x 1/8
25	15	1/2"	16.0	19.0	116.0	Rd 34 x 1/8
	20	3/4"	20.0	19.0	114.0	Rd 44 x 1/6
	25	1"	26.0	19.0	127.0	Rd 52 x 1/6
40	32	1¼"	32.0	26.0	147.0	Rd 58 x 1/6
	40	1½"	38.0	26.0	160.0	Rd 65 x 1/6
50	50	2"	50.0	32.0	191.0	Rd 78 x 1/6

Dimensions in mm

MG = diaphragm size

1) Connection type

Code 6K: Tapered connector and union nut DIN 11851

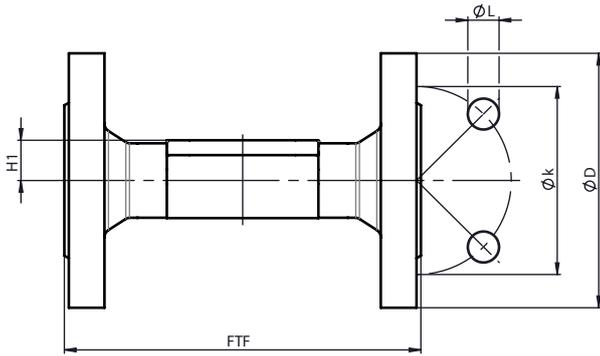
2) Valve body material

Code 40: 1.4435 (F316L), forged body

Code 42: 1.4435 (BN2), forged body, Δ Fe < 0,5 %

Code A1: 3.7035, titanium

Flange EN (code 8)



Connection type flange, length EN 558 (code 8)¹⁾, SG iron material (code 17, 18, 83, 90)²⁾, investment casting material (code 39, C3)²⁾, forged material (code 40, 42)²⁾

MG	DN	NPS	øD	FTF		H1				øk	øL	n
				Material		Material						
				17, 18, 39, 83, 90	40, 42, C3	17, 18, 39, 83	40, 42	C3	90			
25	15	1/2"	95.0	130.0	150.0	18.0	19.0	13.0	14.0	65.0	14.0	4
	20	3/4"	105.0	150.0	150.0	20.5	19.0	16.0	16.5	75.0	14.0	4
	25	1"	115.0	160.0	160.0	23.0	19.0	19.0	19.5	85.0	14.0	4
40	32	1¼"	140.0	180.0	180.0	28.7	26.0	24.0	23.0	100.0	19.0	4
	40	1½"	150.0	200.0	200.0	33.0	26.0	26.0	27.0	110.0	19.0	4
50	50	2"	165.0	230.0	230.0	39.0	32.0	32.0	32.0	125.0	19.0	4
	65	2½"	185.0	290.0	-	51.0	-	-	38.7	145.0	19.0	4

Dimensions in mm

MG = diaphragm size

n = number of bolt holes

1) **Connection type**

Code 8: Flange EN 1092, PN 16, form B, Overall length FTF EN 558 series 1, ISO 5752, basic series 1, Overall length only for housing form D

2) **Valve body material**

Code 17: EN-GJS-400-18-LT (GGG 40.3), PFA lining

Code 18: EN-GJS-400-18-LT (GGG 40.3), PP lining

Code 39: 1.4408, PFA lining

Code 40: 1.4435 (F316L), forged body

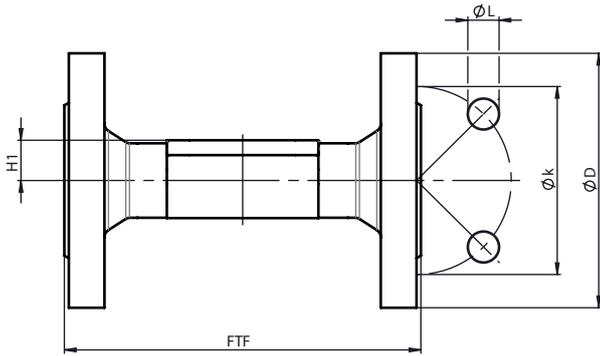
Code 42: 1.4435 (BN2), forged body, Δ Fe < 0,5 %

Code 83: EN-GJS-400-18-LT (GGG 40.3), hard rubber lining

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

Code C3: 1.4435, investment casting

Flange JIS (code 34)



Connection type flange, length 558 (code 34)¹⁾, investment casting material (code 39)²⁾

MG	DN	NPS	øD	øk	øL	n	H1	FTF
25	15	1/2"	95.0	70.0	15.0	4	18.0	130.0
	20	3/4"	100.0	75.0	15.0	4	20.5	150.0
	25	1"	125.0	90.0	19.0	4	23.0	160.0
40	32	1¼"	135.0	100.0	19.0	4	28.7	180.0
	40	1½"	140.0	105.0	19.0	4	33.0	200.0
50	50	2"	155.0	120.0	19.0	4	39.0	230.0

Dimensions in mm

MG = diaphragm size

n = number of bolt holes

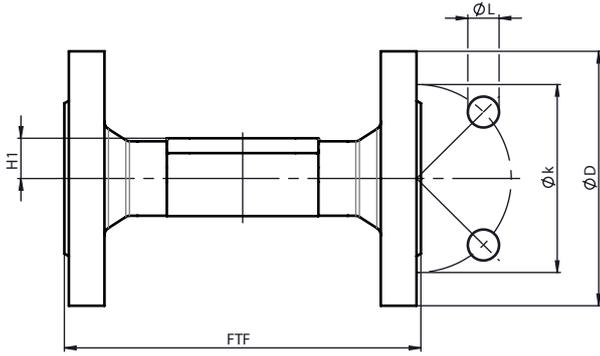
1) Connection type

Code 34: Flange JIS B2220, 10K, RF, Overall length FTF EN 558 Series 1, ISO 5752, basic series 1, Overall length only for housing form D

2) Valve body material

Code 39: 1.4408, PFA lining

Flange ANSI Class (code 38, 39)



Connection type flange, length MSS SP-88 (code 38)¹⁾, SG iron material (code 17, 18, 83)²⁾, investment casting material (code 39)²⁾

MG	DN	NPS	øD	FTF		H1	øk	øL	n
				Material					
				17, 18, 39	83				
25	20	3/4"	100.0	146.0	146.4	20.5	69.9	15.9	4
	25	1"	110.0	146.0	146.4	23.0	79.4	15.9	4
40	40	1½"	125.0	175.0	171.4	33.0	98.4	15.9	4
50	50	2"	150.0	200.0	197.4	39.0	120.7	19.0	4
	65	2½"	180.0	226.0	222.4	51.0	139.7	19.0	4

Dimensions in mm

MG = diaphragm size

n = number of bolt holes

1) **Connection type**

Code 38: Flange ANSI Class 150 RF, Overall length FTF MSS SP-88, Overall length only for housing type D

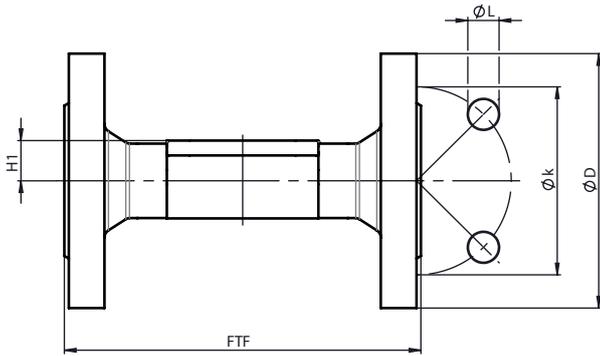
2) **Valve body material**

Code 17: EN-GJS-400-18-LT (GGG 40.3), PFA lining

Code 18: EN-GJS-400-18-LT (GGG 40.3), PP lining

Code 39: 1.4408, PFA lining

Code 83: EN-GJS-400-18-LT (GGG 40.3), hard rubber lining



Connection type flange, length EN 558 (code 39)¹⁾, SG iron material (code 17, 18, 83, 90)²⁾, investment casting material (code 39, C3)²⁾, forged material (code 40, 42)²⁾

MG	DN	NPS	øD	FTF		H1				øk	øL	n
				Material		Material						
				17, 18, 39, 83, 90	40, 42, C3	17, 18, 39, 83	C3	40, 42	90			
25	15	1/2"	90.0	130.0	150.0	-	13.0	19.0	14.0	60.3	15.9	4
	20	3/4"	100.0	150.0	150.0	20.5	16.0	19.0	16.5	69.9	15.9	4
	25	1"	110.0	160.0	160.0	23.0	19.0	19.0	19.5	79.4	15.9	4
40	32	1¼"	115.0	180.0	180.0	28.7	24.0	26.0	23.0	88.9	15.9	4
	40	1½"	125.0	200.0	200.0	33.0	26.0	26.0	27.0	98.4	15.9	4
50	50	2"	150.0	230.0	230.0	39.0	32.0	32.0	32.0	120.7	19.0	4
	65	2½"	180.0	290.0	-	51.0	-	-	38.7	139.7	19.0	4

Dimensions in mm

MG = diaphragm size

n = number of bolt holes

1) **Connection type**

Code 39: Flange ANSI Class 125/150 RF, Overall length FTF EN 558 Series 1, ISO 5752, basic series 1, Overall length only for housing form D

2) **Valve body material**

Code 17: EN-GJS-400-18-LT (GGG 40.3), PFA lining

Code 18: EN-GJS-400-18-LT (GGG 40.3), PP lining

Code 39: 1.4408, PFA lining

Code 40: 1.4435 (F316L), forged body

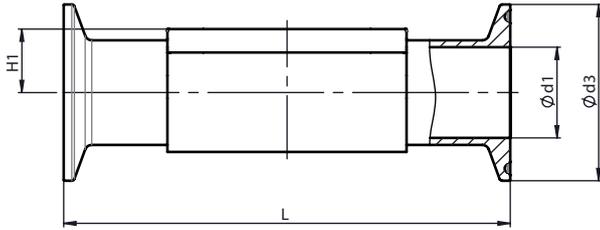
Code 42: 1.4435 (BN2), forged body, Δ Fe < 0,5 %

Code 83: EN-GJS-400-18-LT (GGG 40.3), hard rubber lining

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

Code C3: 1.4435, investment casting

Clamp (code 80, 82, 88, 8A, 8E, 8P, 8T)



Connection type clamp DIN/ASME (code 80, 88, 8P, 8T)¹⁾, forged material (code 40, 42, F4)²⁾

MG	DN	NPS	ød1		ød3		H1	L	
			Connection type		Connection type			Connection type	
			80, 8P	88, 8T	80, 8P	88, 8T		80, 8P	88, 8T
8	8	1/4"	4.57	-	25.0	-	8.5	63.5	-
	10	3/8"	7.75	-	25.0	-	8.5	63.5	-
	15	1/2"	9.40	9.40	25.0	25.0	8.5	63.5	108.0
10	15	1/2"	9.40	9.40	25.0	25.0	12.5	88.9	108.0
	20	3/4"	15.75	15.75	25.0	25.0	12.5	101.6	117.0
25	20	3/4"	15.75	15.75	25.0	25.0	19.0	101.6	117.0
	25	1"	22.10	22.10	50.5	50.5	19.0	114.3	127.0
40	40	1½"	34.80	34.80	50.5	50.5	26.0	139.7	159.0
50	50	2"	47.50	47.50	64.0	64.0	32.0	158.8	190.0
	65	2½"	60.20	60.20	77.5	77.5	34.0	193.8	216.0

Dimensions in mm

MG = diaphragm size

1) Connection type

Code 80: Clamp ASME BPE, Overall length FTF ASME BPE, Overall length only for housing type D

Code 88: Clamp ASME BPE, for pipe ASME BPE, Overall length FTF EN 558 Series 7, Overall length only for housing type D

Code 8P: Clamp DIN 32676 Series C, Overall length FTF ASME BPE, Overall length only for housing form D

Code 8T: Clamp DIN 32676 Series C, Overall length FTF EN 558 Series 7, Overall length only for housing type D

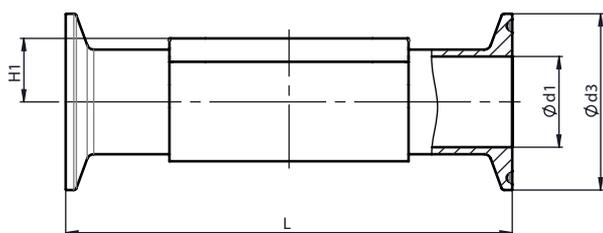
2) Valve body material

Code 40: 1.4435 (F316L), forged body

Code 42: 1.4435 (BN2), forged body, Δ Fe < 0,5 %

Code F4: 1.4539 / UNS N08904, forged body

Code A1: 3.7035, titanium



Connection type clamp DIN/ISO (code 82, 8A, 8E)¹⁾, forged material (code 40, 42, F4)²⁾

MG	DN	NPS	Ød1			Ød3			H1	L		
			Connection type			Connection type				Connection type		
			82	8A	8E	82	8A	8E		82	8A	8E
8	6	1/8"	7.0	6.0	-	25.0	25.0	-	8.5	63.5	63.5	-
	8	1/4"	10.3	8.0	-	25.0	25.0	-	8.5	63.5	63.5	-
	10	3/8"	-	10.0	-	-	34.0	-	8.5	-	88.9	-
10	10	3/8"	14.0	10.0	-	25.0	34.0	-	12.5	108.0	108.0	-
	15	1/2"	18.1	16.0	-	50.5	34.0	-	12.5	108.0	108.0	-
25	15	1/2"	18.1	16.0	-	50.5	34.0	-	19.0	108.0	108.0	-
	20	3/4"	23.7	20.0	-	50.5	34.0	-	19.0	117.0	117.0	-
	25	1"	29.7	26.0	22.6	50.5	50.5	50.5	19.0	127.0	127.0	127.0
40	32	1 1/4"	38.4	32.0	31.3	64.0	50.5	50.5	26.0	146.0	146.0	146.0
	40	1 1/2"	44.3	38.0	35.6	64.0	50.5	50.5	26.0	159.0	159.0	159.0
50	50	2"	56.3	50.0	48.6	77.5	64.0	64.0	32.0	190.0	190.0	190.0
	65	2 1/2"	-	-	60.3	-	-	77.5	34.0	-	-	216.0

Dimensions in mm

MG = diaphragm size

1) **Connection type**

Code 82: Clamp DIN 32676 Series B, Overall length FTF EN 558 Series 7, Overall length only for housing type D

Code 8A: Clamp DIN 32676 Series A, Overall length FTF according to EN 558 Series 7, Overall length only for housing type D

Code 8E: Clamp ISO 2852 for pipe ISO 2037, Clamp SMS 3017 for pipe SMS 3008 Overall length FTF EN 558 Series 7, Overall length only for housing type D

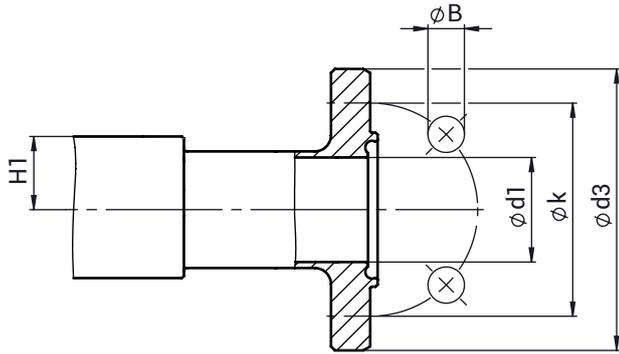
2) **Valve body material**

Code 40: 1.4435 (F316L), forged body

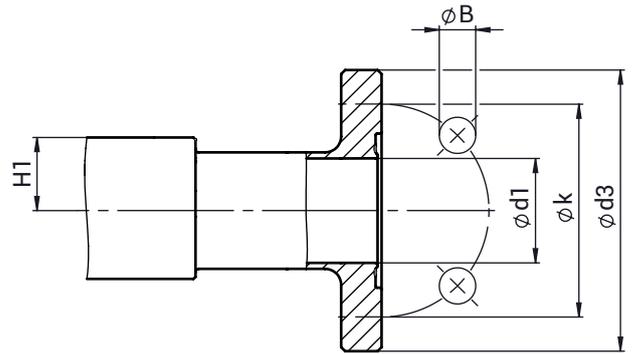
Code 42: 1.4435 (BN2), forged body, Δ Fe < 0,5 %

Code F4: 1.4539 / UNS N08904, forged body

Aseptic flanged connection (code A1, A2, A4, A5, A7, A8)



Connection code A1, A4, A7 – grooved flange



Connection code A2, A5, A8 – loose flange

Connection type: Aseptic flange connection DIN 11864-2 (Code A1, A2, A4, A5, A7, A8)¹⁾, Full material (Code 41, 43, 44)²⁾

Pipe connection for aseptic flange					EN 10357 Series A (formerly DIN 11850 Series 2) / DIN 11866 Series A				ISO 1127 / EN 10357 Series C / DIN 11866 Series B				ASME BPE / DIN 11866 Series C			
Connection code Pipe					17				60				59			
Aseptic flange connection					DIN 11864-2											
Connection code					A1, A2				A4, A5				A7, A8			
MG	DN	NPS	H1	n	$\phi d1$	ϕD	ϕk	ϕL	$\phi d1$	ϕD	ϕk	ϕL	$\phi d1$	ϕD	ϕk	ϕL
8	8	1/4"	8.5	4	-	-	-	-	10.3	54.0	37.0	9.0	-	-	-	-
	10	3/8"	8.5	4	10.0	54.0	37.0	9.0	-	-	-	-	-	-	-	-
	15	1/2"	8.5	4	-	-	-	-	-	-	-	-	9.4	54.0	37.0	9.0
10	10	3/8"	12.5	4	10.0	54.0	37.0	9.0	14.0	59.0	42.0	9.0	-	-	-	-
	15	1/2"	12.5	4	16.0	59.0	42.0	9.0	18.1	62.0	45.0	9.0	9.4	54.0	37.0	9.0
	20	3/4"	12.5	4	-	-	-	-	-	-	-	-	15.75	59.0	42.0	9.0
25	15	1/2"	19.0	4	16.0	59.0	42.0	9.0	18.1	62.0	45.0	9.0	-	-	-	-
	20	3/4"	19.0	4	20.0	64.0	47.0	9.0	23.7	69.0	52.0	9.0	15.75	59.0	42.0	9.0
	25	1"	19.0	4	26.0	70.0	53.0	9.0	29.7	74.0	57.0	9.0	22.1	66.0	49.0	9.0
40	32	1 1/4"	26.0	4	32.0	76.0	59.0	9.0	38.4	82.0	65.0	9.0	-	-	-	-
	40	1 1/2"	26.0	4	38.0	82.0	65.0	9.0	44.3	88.0	71.0	9.0	34.8	79.0	62.0	9.0
50	50	2"	32.0	4	50.0	94.0	77.0	9.0	56.3	103.0	85.0	9.0	47.5	92.0	75.0	9.0
	65	2 1/2"	32.0	-	-	-	-	-	-	-	-	-	60.2	107.0	89.0	9.0

Dimensions in mm

MG = diaphragm size

n = number of bolts

1) **Connection type, spigot 1**

Code A1: Aseptic flange DIN 11864-NF, for pipe DIN 11866 series A and EN 10357 series A

Code A2: Aseptic flange DIN 11864-BF, for pipe DIN 11866 series A and EN 10357 series A

Code A4: Aseptic flange DIN 11864-NF, for pipe DIN 11866 series B and EN ISO 1127

Code A5: Aseptic flange DIN 11864-BF, for pipe DIN 11866 series B and EN ISO 1127

Code A7: Aseptic flange DIN 11864-NF, for pipe DIN 11866 series C and ASME BPE

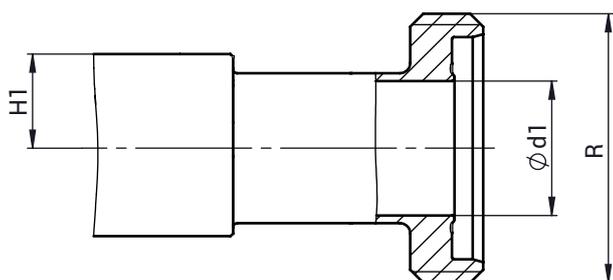
Code A8: Aseptic flange DIN 11864-BF, for pipe DIN 11866 series C and ASME BPE

2) **Valve body material**

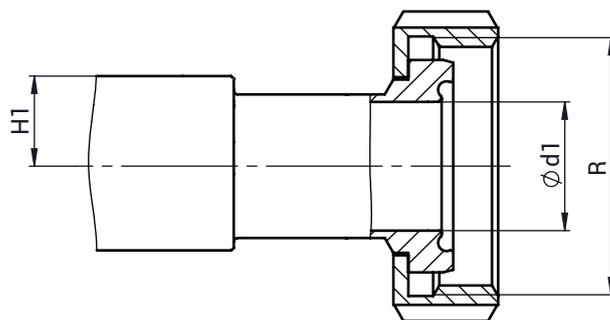
Code 41: 1.4435 (316L), block material

Code 43: 1.4435 (BN2), block material, $\Delta Fe < 0.5\%$

Code 44: 1.4539, block material

Aseptic pipe union (code C1, C2, C4, C5, C7, C8)

Connection code C1, C4, C7 – threaded spigot



Connection code C2, C5, C8 – female union

Connection type Aseptic pipe union DIN 11864-1 (Code C1, C2, C4, C5, C7, C8)¹⁾, Block material (Code 41, 43, 44)²⁾

Pipe connection for aseptic pipe union				EN 10357 Series A (formerly DIN 11850 Series 2) / DIN 11866 Series A	ISO 1127 / EN 10357 Series C / DIN 11866 Series B	ASME BPE / DIN 11866 Series C			
Connection code Pipe				17	60	59			
Aseptic pipe union				DIN 11864-1					
Connection code				C1, C2		C4, C5		C7, C8	
MG	DN	NPS	H1	$\phi d1$	R	$\phi d1$	R	$\phi d1$	R
8	8	1/4"	8.5	-	-	10.3	Rd 28 × 1/8	-	-
	10	3/8"	8.5	10.0	Rd 28 × 1/8	-	-	-	-
	15	1/2"	8.5	-	-	-	-	9.4	Rd 28 × 1/8
10	10	3/8"	12.5	10.0	Rd 28 × 1/8	10.3	Rd 28 × 1/8	-	-
	15	1/2"	12.5	16.0	Rd 34 × 1/8	14.0	Rd 34 × 1/8	9.4	Rd 28 × 1/8
	20	3/4"	12.5	-	-	-	-	15.75	Rd 34 × 1/8
25	15	1/2"	19.0	16.0	Rd 34 × 1/8	14.0	Rd 34 × 1/8	-	-
	20	3/4"	19.0	20.0	Rd 44 × 1/6	18.1	Rd 44 × 1/6	15.75	Rd 34 × 1/8
	25	1"	19.0	26.0	Rd 52 × 1/6	23.7	Rd 52 × 1/6	22.1	Rd 52 × 1/6
40	32	1 1/4"	26.0	32.0	Rd 58 × 1/6	29.7	Rd 58 × 1/6	-	-
	40	1 1/2"	26.0	38.0	Rd 65 × 1/6	38.4	Rd 65 × 1/6	34.8	Rd 65 × 1/6
50	50	2"	32.0	50.0	Rd 78 × 1/6	44.3	Rd 78 × 1/6	47.5	Rd 78 × 1/6
	65	2 1/2"	32.0	-	-	-	-	60.2	Rd 95 × 1/6

Dimensions in mm

MG = diaphragm size

1) Connection type, spigot 1

Code C1: Aseptic union DIN 11864-GS, for pipe DIN 11866 series A and EN 10357 series A

Code C2: Aseptic union DIN 11864-BS, for pipe DIN 11866 series A and EN 10357 series A

Code C4: Aseptic union DIN 11864-GS, for pipe DIN 11866 series B and EN ISO 1127

Code C7: Aseptic pipe union DIN 11864-GS for pipe DIN 11866 series C and ASME BPE

Code C8: Aseptic union DIN 11864-BS for pipe DIN 11866 series C and ASME BPE

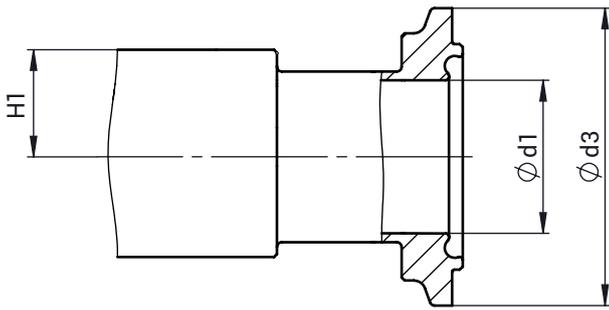
2) Valve body material

Code 41: 1.4435 (316L), block material

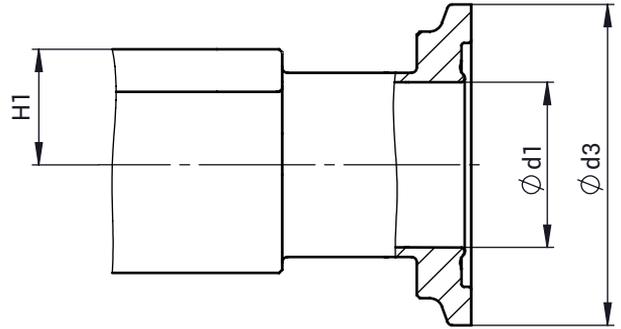
Code 43: 1.4435 (BN2), block material, $\Delta Fe < 0.5\%$

Code 44: 1.4539, block material

Aseptic clamp connector (code E1, E2, E4, E5, E7, E8)



Connection code E1, E4, E7 – grooved clamp



Connection code E2, E5, E8 – notched clamp

Aseptic clamp connection DIN 11864-3 (Code E1, E2, E4, E5, E7, E8)¹⁾, Block material (Code 41, 43, 44)²⁾

Pipe connection for aseptic clamp connection				EN 10357 Series A (formerly DIN 11850 Series 2) / DIN 11866 Series A	ISO 1127 / EN 10357 Series C / DIN 11866 Series B	ASME BPE / DIN 11866 Series C			
Connection code Pipe				17		60		59	
Aseptic clamp connection				DIN 11864-3					
Connection code				E1, E2		E4, E5		E7, E8	
MG	DN	NPS	H1	ød1	ød3	ød1	ød3	ød1	ød3
8	8	1/4"	8.5	-	-	10.3	34.0	-	-
	10	3/8"	8.5	10.0	34.0	-	-	-	-
	15	1/2"	8.5	-	-	-	-	9.4	34.0
10	10	3/8"	12.5	10.0	34.0	14.0	34.0	-	-
	15	1/2"	12.5	16.0	34.0	18.1	34.0	9.4	34.0
	20	3/4"	12.5	-	-	-	-	15.75	34.0
25	15	1/2"	19.0	16.0	34.0	18.1	34.0	-	-
	20	3/4"	19.0	20.0	50.5	23.7	50.5	15.75	34.0
	25	1"	19.0	26.0	50.5	29.7	50.5	22.1	50.5
40	32	1 1/4"	26.0	32.0	50.5	38.4	64.0	-	-
	40	1 1/2"	26.0	38.0	64.0	44.3	64.0	34.8	64.0
50	50	2"	32.0	50.0	77.5	56.3	91.0	47.5	77.5
	65	2 1/2"	32.0	-	-	-	-	60.2	91.0

Dimensions in mm

MG = diaphragm size

1) Connection type, spigot 1

Code E1: Aseptic clamp DIN 11864-NKS, for pipe DIN 11866 series A and EN 10357 series A

Code E2: Aseptic clamp DIN 11864-BKS, for pipe DIN 11866 series A and EN 10357 series A

Code E4: Aseptic clamp DIN 11864-NKS, for pipe DIN 11866 series B and EN ISO 1127

Code E5: Aseptic clamp DIN 11864-BKS, for pipe DIN 11866 series B and EN ISO 1127

Code E7: Aseptic clamp DIN 11864-NKS, for pipe DIN 11866 series C/ASME BPE

Code E8: Aseptic clamp DIN 11864-BKS, for pipe DIN 11866 series C/ASME BPE

2) Valve body material

Code 41: 1.4435 (316L), block material

Code 43: 1.4435 (BN2), block material, Δ Fe < 0.5%

Code 44: 1.4539, block material

Accessories



GEMÜ 1215

Electrical position indicator

The GEMÜ 1215 electrical position indicator is suitable for mounting to pneumatically operated linear actuators. The position (end position open) of the valve spindle is reliably detected and fed back electronically by the operating bush with a microswitch.

The product cannot be ordered later. It must be selected as order option "Control module" (see order data) when ordering.



GEMÜ 1235

Electrical position indicator

The GEMÜ 1235 electrical position indicator is suitable for installation on pneumatically operated linear actuators and, with specific mounting parts, likewise suitable for pneumatically operated quarter turn actuators as well as further selected actuator versions. The position of the valve spindle is reliably electronically detected and evaluated using play-free and non-positive mounting. Intelligent microprocessor-controlled functions facilitate commissioning and support during operation. The current position of the valve is displayed via high-visibility LEDs and fed back via electrical signals.

The product cannot be ordered later. "Control module" must be selected as an ordering option when ordering (see order data).



GEMÜ 1218

Connector

GEMÜ 1218 is a connector (cable socket/cable plug), 7-pin. Straight or 90° angled plug type.

GEMÜ 1218 Binder connector			
Connection X1 – supply voltage, relay outputs			
Binder plug	468/eSy series mating connector	Terminal compartment/ screws, 7-pin	88220649
		Terminal compartment/ screws, 7-pin, 90°	88377714 ¹⁾
		Terminal compartment/ screws, 7-pin, 90°, fitted with a 2 metre cable set	88770522

1) provided in the scope of delivery



GEMÜ 1573

Switching power supply unit

The GEMÜ 1573 switching power supply unit converts unstable input voltages from 100 to 240 V AC into a continuous DC voltage. It can be used as an accessory for valves with motorized actuators e. g. GEMÜ eSyLite, eSyStep und eSyDrive and for additional devices with a 24 V DC power supply. Different power levels, output currents and a 48 V DC version for servoDrive actuators are available.

GEMÜ 1573 switching power supply unit			
Input voltage	Output voltage	Output current	Item number



GEMÜ 1573

Switching power supply unit

The GEMÜ 1573 switching power supply unit converts unstable input voltages from 100 to 240 V AC into a continuous DC voltage. It can be used as an accessory for valves with motorized actuators e. g. GEMÜ eSyLite, eSyStep und eSyDrive and for additional devices with a 24 V DC power supply. Different power levels, output currents and a 48 V DC version for servoDrive actuators are available.

GEMÜ 1573 switching power supply unit			
100 - 240 V AC	24 V DC	5 A	88660400
		10 A	88660401



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