GEMÜ K415

Butterfly valve with bare shaft

EN **Operating instructions**

further information
webcode: GW-K415

Contents

1 General information

1.1 Information

- The descriptions and instructions apply to the standard versions. For special versions not described in this document the basic information contained herein applies in combination with any additional special documentation.
- Correct installation, operation, maintenance and repair work ensure faultless operation of the product.
- Should there be any doubts or misunderstandings, the German version is the authoritative document.
- Contact us at the address on the last page for staff training information.
- A supplement to Directive 2014/34/EU (ATEX Directive) is included with the product, provided that it was ordered in accordance with ATEX.

1.2 Symbols used

The following symbols are used in this document:

Symbol	Meaning
●	Tasks to be performed
▶	Response(s) to tasks
–	Lists

1.3 Definition of terms

Working medium

The medium that flows through the GEMÜ product.

Control function

The possible actuation functions of the GEMÜ product.

Control medium

The medium whose increasing or decreasing pressure causes the GEMÜ product to be actuated and operated.

1.4 Warning notes

Wherever possible, warning notes are organized according to the following scheme:

SIGNAL WORD	
Possible symbol for the specific danger	Type and source of the danger ▶Possible consequences in case of non-compliance ●Measures for avoiding danger

Warning notes are always labelled with a signal word and sometimes also with a symbol for the specific danger.

The following signal words and danger levels are used:

⚠ DANGER

Imminent danger!

▶ Non-observance can cause death or severe injury

⚠ WARNING

Potentially dangerous situation!

▶ Non-observance can cause death or severe injury

⚠ CAUTION

Potentially dangerous situation!

▶ Non-observance can cause moderate to light injury

NOTICE

Potentially dangerous situation!

▶ Non-observance can cause damage to property

The following symbols for the specific dangers can be used within a warning note:

Symbol	Meaning
	The equipment is subject to pressure!
	Corrosive chemicals!
	GEMÜ products without an actuating element!
	Hot plant components!
	Leakage!
	Maximum permissible pressure exceeded!
	Use as an end-of-line valve!
	Risk of crushing!

2 Safety information

The safety information in this document refers only to an individual product. Potentially dangerous conditions can arise in combination with other plant components, which need to be considered on the basis of a risk analysis. The operator is responsible for the production of the risk analysis and for compliance with the resulting precautionary measures and regional safety regulations.

The document contains fundamental safety information that must be observed during commissioning, operation and maintenance. Non-compliance with these instructions may cause:

- Personal hazard due to electrical, mechanical and chemical effects
- Hazard to nearby equipment
- Failure of important functions
- Hazard to the environment due to the leakage of dangerous materials

The safety information does not take into account:

- Unexpected incidents and events, which may occur during installation, operation and maintenance
- Local safety regulations which must be adhered to by the operator and by any additional installation personnel

Prior to commissioning:

1. Transport and store the product correctly.
2. Do not paint the bolts and plastic parts of the product.
3. Carry out installation and commissioning using trained personnel.
4. Provide adequate training for installation and operating personnel.
5. Ensure that the contents of the document have been fully understood by the responsible personnel.
6. Define the areas of responsibility.
7. Observe the safety data sheets.
8. Observe the safety regulations for the media used.

During operation:

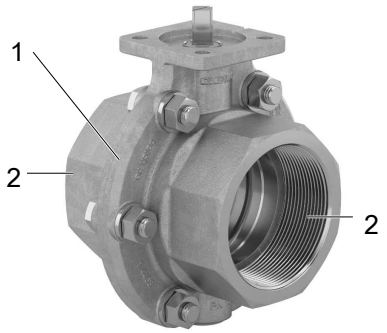
9. Keep this document available at the place of use.
10. Observe the safety information.
11. Operate the product in accordance with this document.
12. Operate the product in accordance with the specifications.
13. Maintain the product correctly.
14. Do not carry out any maintenance work and repairs not described in this document without consulting the manufacturer first.

In cases of uncertainty:

15. Consult the nearest GEMÜ sales office.

3 Product description

3.1 Construction



Item	Name	Material
1	Butterfly valve body	Investment casting (1.4408)
2	Pipe connections	Investment casting (1.4408)
	Washer	Investment casting (1.4408)

3.2 Description

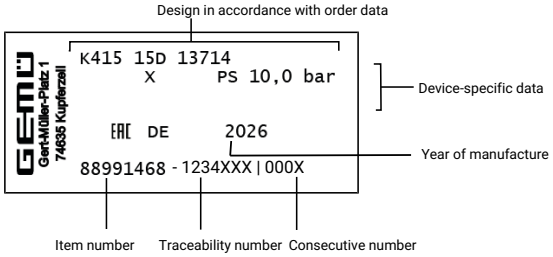
The GEMÜ K415 soft-seated, centric butterfly valve made of stainless steel has a free shaft end with standardised actuator flange to ISO5211. With its rounded and polished disc edges, the butterfly valve is optimized for frequent cycle duties. The surface of the butterfly valve can still be further finished. The butterfly valve with FDA is available as an option. Thanks to its modular construction, it is also available with a manual, pneumatic or motorized actuator.

3.3 Function

The product controls a flowing medium after a manual, pneumatic or motorized actuator has been mounted.

3.4 Product label

The product label is located on the valve body. Product label data (example):



The operating pressure stated on the product label applies to a media temperature of 20 °C. The product can be used up to the maximum stated media temperature. You can find the pressure/temperature correlation in the technical data.

4 Intended use

⚠ WARNING

Improper use of the product!

- ► Risk of severe injury or death
- ► Manufacturer liability and guarantee will be void.
- ● Only use the product in accordance with the operating conditions specified in the contract documentation and in this document.

NOTICE

Explosion protection (ATEX)

- ► The product is free from potential ignition sources and does not fall under the ATEX Directive 2024/34/EU. It is suitable for use in potentially explosive areas. See the manufacturer's declaration.

The product is intended for use in potentially explosive areas.

The product is designed for installation in piping systems and for controlling a working medium.

- ● Use the product in accordance with the technical data.

5 Order data

The order data provide an overview of standard configurations.

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

Products ordered with **bold marked ordering options** are so-called preferred series. Depending on the nominal size, these are available more quickly.

Order codes

1 Type	Code
Butterfly valve body, metal	K415

2 DN	Code
DN 15	15
DN 20	20
DN 25	25
DN 32	32
DN 40	40
DN 50	50

3 Body configuration	Code
2/2-way body	D

4 Connection type	Code
Spigot	
Spigot DIN	0
Spigot DIN EN 10357 series B (2014 issue; formerly DIN 11850 series 1)	16
Spigot EN 10357 series A/DIN 11866 series A, formerly DIN 11850 series 2	17
Spigot SMS 3008	37
Spigot ASME BPE/DIN EN 10357 series C (from 2022 edition)/DIN 11866 series C	59
Spigot ISO 1127/DIN EN 10357 series C (2014 edition)/ DIN 11866 series B	60
Threaded socket	
Threaded socket DIN ISO 228	1
NPT female thread	31
Clamp	
Clamp DIN 32676 series A, face-to-face dimension FTF EN 558 series 14	86
Clamp ASME BPE, for pipe ASME BPE, face-to-face dimension FTF EN 558 series 14	88

5 Body material	Code
1.4408, investment casting	37

6 Shut-off seal material	Code
FKM	4
Silicone (MVQ)	9
EPDM	14

7 Type of design	Code
Without	
Media wetted area cleaned to ensure suitability for paint applications, parts sealed in plastic bag	0101

7 Type of design	Code
Valve free of oil and grease, media wetted area cleaned and packed in PE bag	0107

8 Special version	Code
Without	
Explosion protection	X
Explosion protection (in the piping system)	Y

Order example

Ordering option	Code	Description
1 Type	K415	Butterfly valve body, metal
2 DN	25	DN 25
3 Body configuration	D	2/2-way body
4 Connection type	1	Threaded socket DIN ISO 228
5 Body material	37	1.4408, investment casting
6 Shut-off seal material	14	EPDM
7 Type of design		Without
8 Special version		Without

6 Technical data

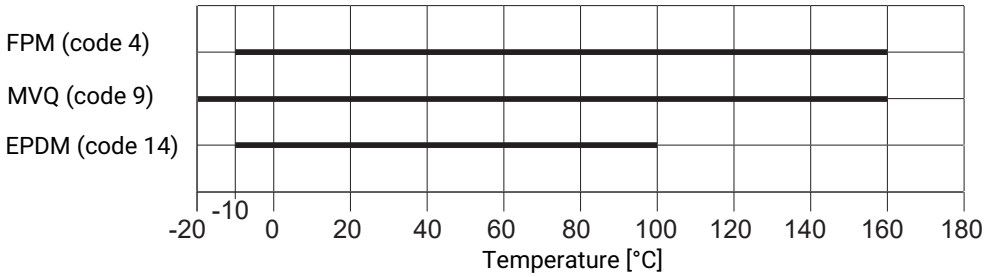
6.1 Medium

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

6.2 Temperature

Media temperature:

Shut-off seal



Ambient temperature: -10 — 60 °C

Storage temperature: -20 — 40 °C

6.3 Pressure

Operating pressure: 0 — 10 bar

Pressure rating: PN 10

Kv values:

DN	Body material
	Code 37
15	7
20	15
25	20
32	55
40	90
50	140

Kv values in m³/h

6.4 Product compliance

Machinery Directive: 2006/42/EC

Pressure Equipment Directive: 2014/68/EU

Approvals: FDA

Explosion protection: The product does not fall within the scope of Directive 2014/34/EU, as there is no potential ignition source. The basis for this is Section 38 of the ATEX Guideline (5th edition, April 2024).

6.5 Mechanical data

Torques:

DN	Torques
15	6.0
20	6.0
25	6.0
32	8.0
40	20.0
50	21.0

Torques in Nm

Weight:

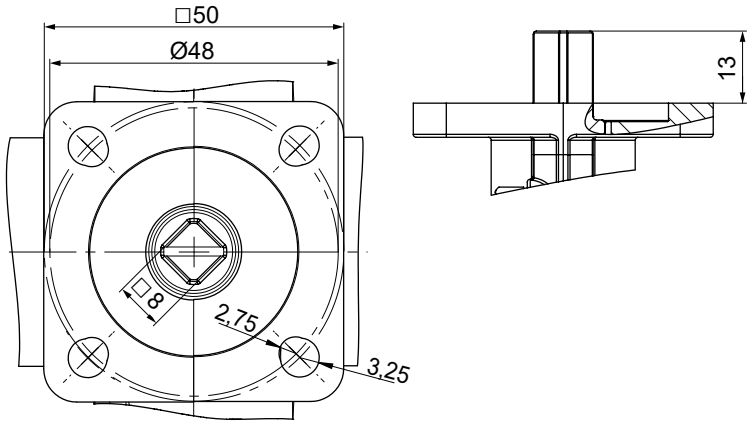
Body

DN	Body material
	Code 37
15	900
20	940
25	1020
32	1100
40	1500
50	1950

Weight in g

7 Dimensions

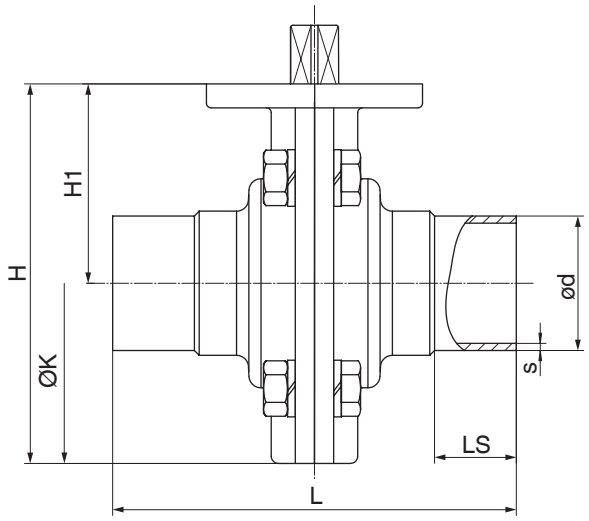
7.1 Actuator flange F05/G05



Dimensions in mm

7.2 Body

7.2.1 Butt weld spigot (connection type code 0, 16, 17, 37, 59, 60)

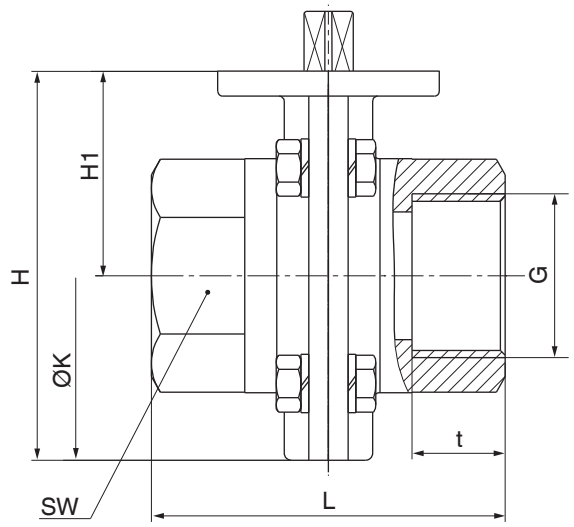


							DIN		EN 10357			
							Code 0		Code 16		Code 17	
DN	NPS	L	H	H1	øK	LS	ød	s	ød	s	ød	s
15	1/2"	80.0	79.0	41.5	75.0	20.0	18.0	1.5	18.0	1.0	19.0	1.5
20	3/4"	84.0	79.0	41.5	75.0	22.0	22.0	1.5	22.0	1.0	23.0	1.5
25	1"	84.0	79.0	41.5	75.0	22.0	28.0	1.5	28.0	1.0	29.0	1.5
32	1¼"	88.0	91.0	48.0	85.0	25.0	34.0	1.5	34.0	1.0	35.0	1.5
40	1½"	96.0	108.0	56.0	103.0	25.0	40.0	1.5	40.0	1.0	41.0	1.5
50	2"	110.0	123.0	65.0	116.0	30.0	52.0	1.5	52.0	1.0	53.0	1.5

							SMS 3008		EN ISO 1127		ASME BPE	
							Code 37		Code 60		Code 59	
DN	NPS	L	H	H1	øK	LS	ød	s	ød	s	ød	s
15	1/2"	80.0	79.0	41.5	75.0	20.0	-	-	21.3	1.6	12.7	1.65
20	3/4"	84.0	79.0	41.5	75.0	22.0	-	-	26.9	1.6	19.1	1.65
25	1"	84.0	79.0	41.5	75.0	22.0	25.0	1.2	33.7	2.0	25.4	1.65
32	1¼"	88.0	91.0	48.0	85.0	25.0	33.7	1.2	42.4	2.0	-	-
40	1½"	96.0	108.0	56.0	103.0	25.0	38.0	1.2	48.3	2.0	38.1	1.65
50	2"	110.0	123.0	65.0	116.0	30.0	51.0	1.2	60.3	2.0	50.8	1.65

Dimensions in mm

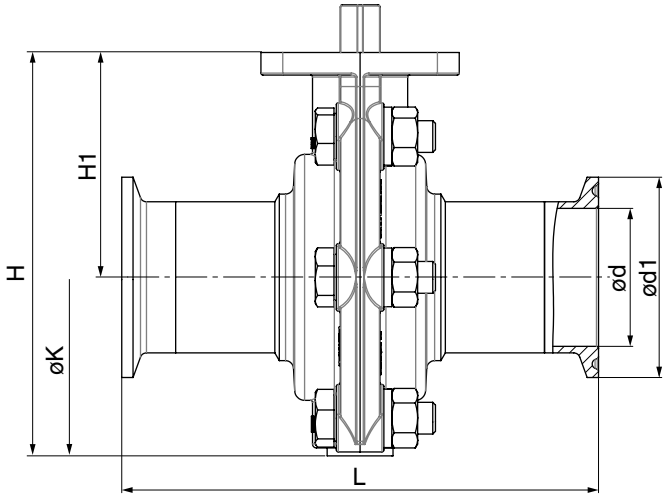
7.2.2 Threaded socket (connection type code 1, 31)



DN	G/NPT	L	H	H1	t	øK	SW	n
15	1/2"	72.0	79.0	41.5	15.0	75.0	27.0	6
20	3/4"	72.0	79.0	41.5	16.0	75.0	32.0	6
25	1"	72.0	79.0	41.5	19.0	75.0	41.0	6
32	1¼"	72.0	91.0	48.0	21.4	85.0	50.0	8
40	1½"	83.0	108.0	56.0	21.4	103.0	55.0	8
50	2"	88.0	123.0	65.0	25.7	116.0	70.0	8

Dimensions in mm
n = number of flats

7.2.3 Clamp (connection type code 86, 88)



						DIN 32676 series A		ASME BPE	
						Code 86		Code 88	
DN	NPS	L	H	H1	øK	ød	ød1	ød	ød1
15	1/2“	115.0	79.0	41.5	75.0	16.0	34.0	9.4	25.0
20	3/4“	120.0	79.0	41.5	75.0	20.0	34.0	15.8	25.0
25	1“	125.0	79.0	41.5	75.0	26.0	50.5	22.1	50.5
32	1¼“	130.0	91.0	48.0	85.0	32.0	50.5	-	-
40	1½“	140.0	108.0	56.0	103.0	38.0	50.5	34.8	50.5
50	2	150.0	123.0	65.0	116.0	50.0	50.5	47.5	64.0

Dimensions in mm

8 Manufacturer's information

8.1 Delivery

- Check that all parts are present and check for any damage immediately upon receipt.

The product's performance is tested at the factory. The scope of delivery is apparent from the dispatch documents and the design from the order number.

8.2 Transport

1. Only transport the product by suitable means. Do not drop. Handle carefully.
2. After the installation dispose of transport packaging material according to relevant local or national disposal regulations / environmental protection laws.

8.3 Storage

1. Store the product free from dust and moisture in its original packaging.
2. Avoid UV rays and direct sunlight.
3. Do not exceed the maximum storage temperature (see chapter "Technical data").
4. Do not store solvents, chemicals, acids, fuels or similar fluids in the same room as GEMÜ products and their spare parts.
5. Close the compressed air connections with protection caps or sealing plugs.

9 Installation in piping

9.1 Preparing for installation

⚠ WARNING

The equipment is subject to pressure!

► Risk of severe injury or death
- Depressurize the plant or plant component.
- Completely drain the plant or plant component.

⚠ WARNING

Corrosive chemicals!

► Risk of caustic burns
- Wear appropriate protective gear.
- Completely drain the plant.

⚠ WARNING

GEMÜ products without an actuating element!

► Risk of severe injury or death
- Do not apply pressure to GEMÜ products installed in piping without an actuating element.

⚠ CAUTION

Hot plant components!

► Burns
- Only work on plant that has cooled down.
- Wear protective gear.

⚠ CAUTION

Leakage!

► Emission of dangerous materials
- Provide for precautionary measures against exceeding the maximum permissible pressure that may be caused by pressure surges (water hammer).

⚠ CAUTION

Maximum permissible pressure exceeded!

► Damage to the product!
- Provide for precautionary measures against exceeding the maximum permissible pressure that may be caused by pressure surges (water hammer).

⚠ CAUTION

Use as an end-of-line valve!

► Damage to the GEMÜ product
- When using the GEMÜ product as an end-of-line valve, a mating flange must be fitted.

⚠ CAUTION

Risk of crushing!

► Severe injury due to crushing of the fingers between the valve body and butterfly disc.
- Depressurize the plant before performing any work on the butterfly valve, and unscrew the control medium line(s) of the butterfly valve.
- Ensure that the butterfly disc is in the respective end position (closed for NC or open for NO).
- Do not reach into the crushing area between the valve body and butterfly disc.

⚠ CAUTION

Risk of crushing!

- ► There is a risk of crushing when reaching into the valve.
- Installation and removal of the valve may only be performed by suitable/ trained personnel.
- Install only if the valve is deenergized (without control energy).
- When used as an end-of-line valve, a mating flange must be used.
- The operator must ensure that the valve is adequately secured by piping, e.g. pipe bends or grids.

NOTICE

Suitability of the product!

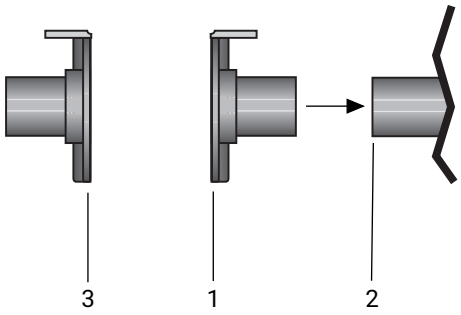
- ► The product must be appropriate for the piping system operating conditions (medium, medium concentration, temperature and pressure) and the prevailing ambient conditions.

1. Ensure the product is suitable for the relevant application.
2. Check the technical data of the product and the materials.
3. Keep appropriate tools ready.
4. Wear appropriate protective gear, as specified in the plant operator's guidelines.
5. Observe appropriate regulations for connections.
6. Have installation work carried out by trained personnel.
7. Shut off plant or plant component.
8. Secure plant or plant component against recommissioning.
9. Depressurize the plant or plant component.
10. Completely drain the plant (or plant component) and let it cool down until the temperature is below the media vaporization temperature and cannot cause scalding.
11. Correctly decontaminate, rinse and ventilate the plant or plant component.
12. Lay piping so that the product is protected against transverse and bending forces, and also from vibrations and tension.
13. Only install the product between matching aligned pipes (see chapters below).

9.2 Installation position

GEMÜ recommends a vertically upright installation position of the actuator.

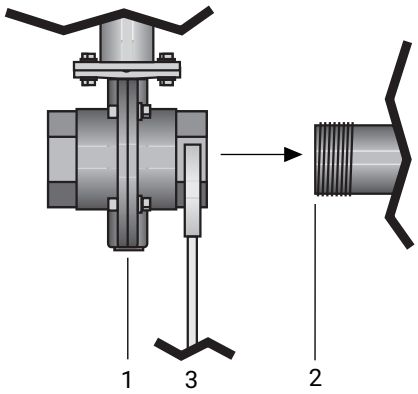
9.3 Installation with butt weld spigots



Installation - Butt weld spigots

1. Carry out preparations for installation (see chapter "Preparing for installation").
2. Adhere to good welding practices!
3. Disassemble the butterfly valve (see chapter "Butterfly valve disassembly (removing the actuator from the body)").
4. Remove the protection caps.
5. Weld the butterfly body half **1** to the piping **2**.
6. Connect the butterfly body half **3** with the other side of the piping.
7. Reassemble the butterfly valve (see chapter "Assembling the shut-off seal").

9.4 Installation with threaded connections



Installation - Threaded connections

1. Screw the butterfly valve body **1** onto the piping **2** using a suitable thread sealant. The thread sealant is not included in the scope of delivery.
2. Hold with an open-end wrench **3**.
3. Connect the other side of the butterfly valve body **1** with the piping in a like manner.

9.5 Installation with clamp connections

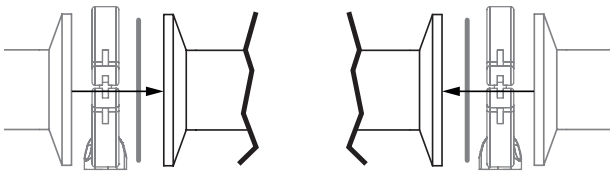


Fig. 1: Clamp connection

NOTICE

Gasket and clamp!

► The gasket and clamps for clamp connections are not included in the scope of delivery.

1. Keep ready gasket and clamp.
2. Carry out preparation for installation (see chapter "Preparing for installation").
3. Insert the corresponding gasket between the body of the product and the pipe connection.
4. Connect the gasket between the body of the product and the pipe connection using clamps.
5. Re-attach or reactivate all safety and protective devices.

10 Commissioning

⚠ WARNING

Corrosive chemicals!

► Risk of caustic burns
- Wear appropriate protective gear.
- Completely drain the plant.

⚠ CAUTION

Leakage!

► Emission of dangerous materials
- Provide for precautionary measures against exceeding the maximum permissible pressure that may be caused by pressure surges (water hammer).

⚠ CAUTION

Cleaning agent!

► Damage to the GEMÜ product
- The plant operator is responsible for selecting the cleaning material and performing the procedure.

1. Check the tightness and the function of the product (close and reopen the product).
2. Flush the piping system of new plant and following repair work (the product must be fully open).

⇨ Harmful foreign matter has been removed.

⇨ The product is ready for use.

3. Commission the product.
4. Commissioning of actuators in accordance with the enclosed instructions.

11 Operation

The product is operated via manual, pneumatic or motorized actuators.

12 Troubleshooting

Error	Possible cause	Troubleshooting
The product does not open or does not open fully	Operating pressure too high	Operate the product with operating pressure specified in datasheet
	Foreign matter in the product	Remove and clean the product
	The actuator design is not suitable for the operating conditions	Use an actuator that is designed for the operating conditions
	Flange dimensions do not comply with specifications	Use correct flange dimensions
	Inside diameter of piping too small for nominal size of product	Install product with suitable nominal size
The product does not close or does not close fully	Operating pressure too high	Operate the product with operating pressure specified in datasheet
	The actuator design is not suitable for the operating conditions	Use an actuator that is designed for the operating conditions
	Foreign matter in the product	Remove and clean the product
Connection between valve body and piping leaking	Incorrect installation	Check installation of valve body in piping
	Threaded connections / unions loose	Tighten threaded connections / unions
Valve body leaking	Valve body leaking or corroded	Check valve body for damage, replace valve body if necessary
	Incorrect installation	Check installation of valve body in piping

13 Inspection and maintenance

⚠ WARNING

The equipment is subject to pressure!

► Risk of severe injury or death

- Depressurize the plant or plant component.
- Completely drain the plant or plant component.

⚠ CAUTION

Hot plant components!

► Burns

- Only work on plant that has cooled down.
- Wear protective gear.

⚠ CAUTION

Risk of crushing!

► There is a risk of crushing when reaching into the valve.

- Installation and removal of the valve may only be performed by suitable/ trained personnel.
- Install only if the valve is deenergized (without control energy).
- When used as an end-of-line valve, a mating flange must be used.
- The operator must ensure that the valve is adequately secured by piping, e.g. pipe bends or grids.

⚠ CAUTION

- Servicing and maintenance work must only be performed by trained personnel.
- Do not extend hand lever. GEMÜ shall assume no liability for damages caused by improper handling or third-party actions.
- In case of doubt, contact GEMÜ prior to commissioning.

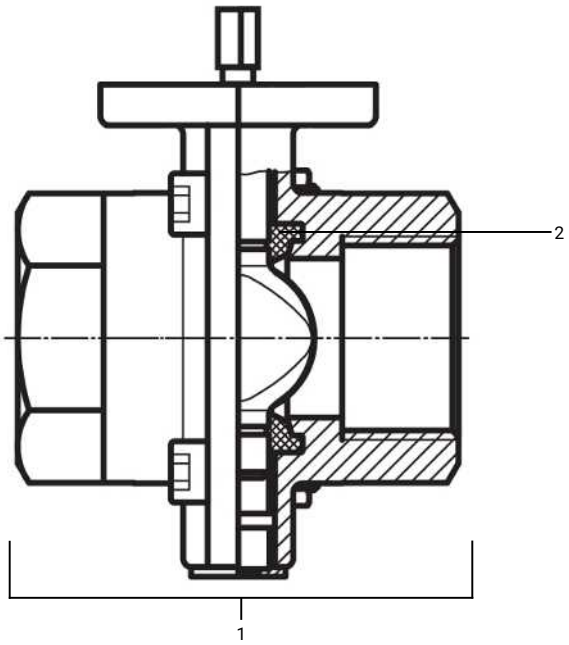
1. Wear appropriate protective gear as specified in the plant operator's guidelines.
2. Shut off plant or plant component.
3. Secure against recommissioning.
4. Depressurize the plant or plant component.

The operator must carry out regular visual examination of the products depending on the operating conditions and the potential danger in order to prevent leakage and damage. The product also has to be disassembled in corresponding intervals and checked for wear (see "Fitting/removing spare parts").

13.1 Cleaning the product

- Clean the product with a damp cloth.
- Do **not** clean the product with a high pressure cleaning device.

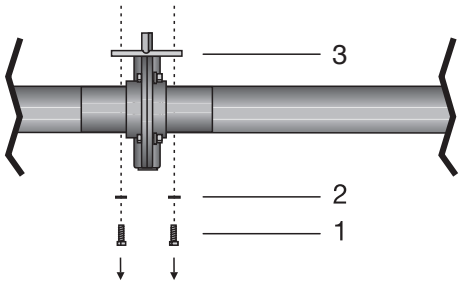
13.2 Spare parts



Item	Name	Order designation
1	Body	K415
2	Shut-off seal	415 SLN

13.3 Fitting/removing spare parts

13.3.1 Butterfly valve disassembly (removing the actuator from the body)



1. Depressurize and drain the plant or plant component.
2. Move the butterfly valve to the closed position.
3. Disconnect electrical wire(s).
4. Unscrew bolts **1**.
5. Do not lose the washers **2**.
6. Remove the actuator from the butterfly valve body **3**.

NOTICE

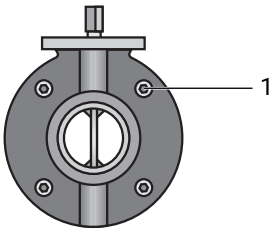
► Clean all parts of contamination (do not damage the parts during cleaning) following removal. Check parts for potential damage, replace if necessary (only use genuine parts from GEMÜ).

13.3.2 Disassembling the shut-off seal

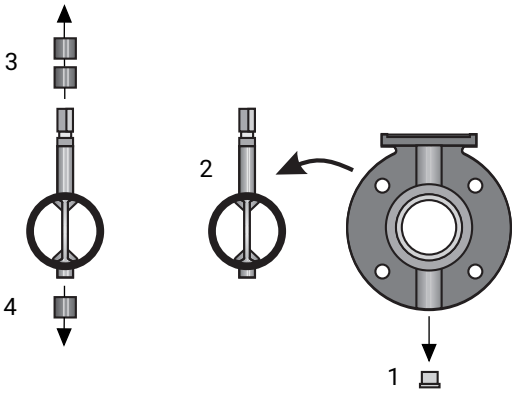
NOTICE

► Before removing the shut-off seal, please remove the actuator, see "Butterfly valve disassembly (removing the actuator from the body)".

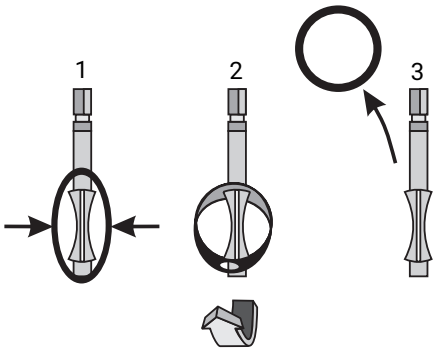
1. Remove the actuator (see chapter "Butterfly valve disassembly")
2. Undo screws **1**.



3. Do not lose nuts and washers.
4. Press open the two halves of the butterfly valve.
5. Do not lose the protective cap **1**.
6. Remove the disc with shut-off seal **2**.

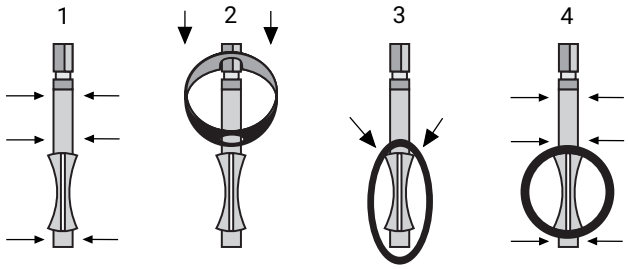


7. Do not use bushings **3** and **4**.
8. Squeeze the shut-off seal (1) and pull forward down over the short part of the shaft (2).



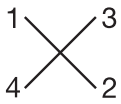
9. Pull the shut-off seal up over the long part of the shaft (3).

13.3.3 Assembling the shut-off seal



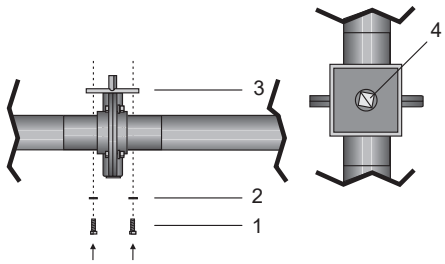
Assembling a new shut-off seal

1. Grease the shaft of the valve disc above and below the disc (1).
2. Grease the shut-off seal in the axis and shaft area.
3. Push a new shut-off seal with a hole over the long part of the shaft (2).
4. Squeeze the shut-off seal and slip over the short part of the shaft (3).
5. Engage the shut-off seal.
6. Grease the shaft of the valve disc above and below the shut-off seal (4).
7. Press open the two halves of the butterfly valve.
8. Insert the disc with the shut-off seal between the two halves of the butterfly valve.
9. Press the two halves of the butterfly valve together.
10. Insert the bolts and tighten them diagonally with nuts and washers.



11. Push the protective cap into the bottom of the butterfly valve body.

13.3.4 Actuator mounting on the butterfly valve body



1. Check the position of the butterfly disc indicated by groove **4** and compare it with the position indicator, rotate the butterfly disc to the correct position if necessary.
2. Place the new actuator on the butterfly valve body **3**.
3. Turn the actuator until the bolts can be inserted.
4. Screw the bolts **1** with the washers **2** back in until they are hand tight.
5. Tighten the bolts **1** diagonally.

13.4 Removal from piping

1. Disassemble the product. Observe warning notes and safety information.
2. Remove in reverse order to installation.

14 Disposal

1. Pay attention to adhered residual material and gas diffusion from penetrated media.
2. Dispose of all parts in accordance with the disposal regulations/environmental protection laws.

15 Returns

Legal regulations for the protection of the environment and personnel require that the completed and signed return delivery note is included with the dispatch documents. Returned goods can be processed only when this note is completed. If no return delivery note is included with the product, GEMÜ cannot process credits or repair work but will dispose of the goods at the operator's expense.

1. Clean the product.
2. Request a return delivery note from GEMÜ.
3. Complete the return delivery note.
4. Send the product with a completed return delivery note to GEMÜ.

16 EU Declaration of Conformity

CE Version 1

GEMÜ

EU-Konformitätserklärung

EU Declaration of Conformity

Wir, die Firma

We, the company

GEMÜ Gebr. Müller Apparatebau GmbH & Co. KG
Gert-Müller-Platz 1
74635 Kupferzell
Deutschland

erklären hiermit in alleiniger Verantwortung, dass die nachfolgend bezeichneten Produkte den Vorschriften der genannten Richtlinien entspricht.

hereby declare under our sole responsibility that the below-mentioned products complies with the regulations of the mentioned Directives.

Produkt: GEMÜ K415

Produktname: Absperrklappe mit freiem Wellenende

Product: GEMÜ K415

Product name: Butterfly valve with bare shaft

Richtlinien/Verordnungen:

Directives/Regulations:

PED 2014/68/EU[1)]

Weitere angewandte Normen:

Further applied norms:

EN ISO 5211; DIN EN 558; AD 2000

[1)] PED 2014/68/EU
Notifizierte Stelle:
TÜV Rheinland Industrie Service GmbH
Am Grauen Stein 1
51105 Köln
Kennnummer der notifizierten Stelle: 0035
Nr. des QS-Zertifikats: 01 202 926/Q-02 0036
Angewandte(s) Konformitätsbewertungsverfahren: Modul H
Hinweis für Produkte mit einer Nennweite ≤ DN 25:
Die Produkte werden entwickelt und produziert nach GEMÜ eigenen Verfahrensanweisungen und Qualitätsstandards, welche die Forderungen der ISO 9001 und der ISO 14001 erfüllen. Die Produkte dürfen gemäß Artikel 4, Absatz 3 der Druckgeräterichtlinie 2014/68/EU keine CE-Kennzeichnung tragen.
Bemerkungen:
Der Einsatz des Produkts in Kategorie III gemäß Druckgeräterichtlinie 2014/68/EU sowie die Verwendung mit instabilen Gasen ist nicht zulässig.

[1)] PED 2014/68/EU
Notified body:
TÜV Rheinland Industrie Service GmbH
Am Grauen Stein 1
51105 Cologne
Identification number of the notified body: 0035
QA certificate number: 01 202 926/Q-02 0036
Applied conformity assessment procedures: Module H
Note for products with a nominal size ≤ DN 25:
The products are developed and manufactured in accordance with GEMÜ's own process instructions and quality standards, which meet the requirements of ISO 9001 and ISO 14001. In accordance with Article 4, Paragraph 3 of the Pressure Equipment Directive 2014/68/EU, the products are not permitted to bear the CE mark.
Remarks:
The use of the product in category III in accordance with the Pressure Equipment Directive 2014/68/EU and its use with unstable gases is not permitted.

i.V. M. Barghoorn
Leiter Globale Technik

Kupferzell, 24.02.2026

GEMÜ Gebr. Müller Apparatebau GmbH & Co. KG
Gert-Müller-Platz 1, 74635 Kupferzell, Deutschland

www.gemu-group.com
info@gemue.de

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

04.2026 | 89003955