



**Pneumatically operated 2/2-way diaphragm valve CLASSIC with plastic valve body**

- Flow optimised and zero dead space body
- Hermetical separation of the medium from the actuator by a diaphragm
- Universal and robust actuators with modular accessory program
- Self-draining plastic valve bodies with thread, socket, or flange connection
- Suitable for aggressive and corrosive media



Product variants described in the data sheet may differ from the product presentation and description.

**Can be combined with**

	<b>Type SV02</b> Diaphragms	▶
	<b>Type 2034</b> Multifunction block solutions	▶
	<b>Type 2933</b> 2/2-way diaphragm valve with manually operated actuator (basic)	▶
	<b>Type 2036</b> Robolux multiway diaphragm valve, pneumatically operated	▶
	<b>Type 8690</b> Pneumatic control unit for decentralised automation of process valves ELEMENT	▶
	<b>Type 8697</b> Pneumatic control unit for decentralised automation of process valves ELEMENT	▶
	<b>Type 8098</b> FLOWave SAW flowmeter	▶

**Type description**

Externally controlled diaphragm valve with piston actuator and diaphragm seal. As standard, actuator made of PA. The flow optimised and zero dead space valve body makes high flow rates possible.

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## 1. General technical data

Product properties	
Dimensions	Further information can be found in chapter "4. Dimensions" on page 8.
<b>Material<sup>1)</sup></b>	
Forged steel valve body (VS) <sup>1)</sup>	Forged material 1.4435 according to BN2 DIN EN 10222 - 5, F316L according to ASTM A182 / A182M and 316 I according to ASME BPE
Tube valve body (VP) <sup>1)</sup>	Stainless steel tube 1.4435-BN2 / UNS S31603 (316L) according to DIN 11866, ASTM A269 / A270, DIN EN 10217 - 7 / 10216 - 5
Cast valve body (VG) <sup>1)</sup>	Investment cast material 1.4435 / 316 I
Plastic valve body (PW, PV, PP, PD) <sup>1)</sup>	PVC-C, PVC-U, PP, PVDF
Diaphragm	EPDM (AD) <sup>1)</sup> , PTFE/EPDM (EA) <sup>1)</sup> , Advanced PTFE/EPDM (EU) <sup>1)</sup> , laminate of GYLON® and EPDM (ER) <sup>1)</sup>
Actuator	PPS, PA
Diaphragm size	8...100, for tube valve body 8...50 mm, for plastic body 15...100
<b>Standard surface quality</b>	
Forged steel valve body (VS) <sup>1)</sup>	Internally electrically polished: Ra ≤ 0.38 µm (NO17) <sup>1)</sup> (ASME BPE SF4 / DIN HE4) (externally forged surface, electrically polished) Internally mechanically polished: Ra ≤ 0.5 µm (NO14) <sup>1)</sup> (ASME BPE SF1) (externally forged surface)
Tube valve body (VP) <sup>1)</sup>	Internally electrically polished: Ra ≤ 0.38 µm (NO17) <sup>1)</sup> (ASME BPE SF4 / DIN HE4) Internally glass bead blasted: Ra ≤ 1.6 µm (NO05) <sup>1)</sup> (externally glass bead blasted: Ra ≤ 1.6 µm (NO01)) <sup>1)</sup>
Cast valve body (VG) <sup>1)</sup>	Internally electrically polished: Ra ≤ 0.6 µm (NO16) <sup>1)</sup> (ASME BPE SF6) (externally cast surface, electrically polished) Internally mechanically polished: Ra ≤ 0.76 µm (NO06) <sup>1)</sup> (ASME BPE SF3 / DIN H2) (externally cast surface)
<b>Performance data</b>	
Maximum pilot pressure(CF A)	7 bar (for actuator size 40 <sup>1)</sup> ...125 <sup>1)</sup> /PPS) 6 bar (for actuator size 175 <sup>1)</sup> and 225 <sup>1)</sup> /PA) See "5.2. Medium pressure" on page 27
Pilot air port	Thread G ¼, thread G ⅜ for actuator size 40 and 50
<b>Medium data</b>	
Process medium	Neutral gases and fluids, highly purified, sterile, aggressive or abrasive medium (see <b>resistance chart</b> ▶)
<b>Medium temperature</b>	
EPDM (AD) <sup>1)</sup>	-10...+143 °C (steam sterilisation +150 °C for 60 min)
PTFE/EPDM (EA) <sup>1)</sup>	-10...+130 °C (steam sterilisation +140 °C for 60 min)
Advanced PTFE/EPDM (EU) <sup>1)</sup>	-5...+143 °C (steam sterilisation +150 °C for 60 min)
Laminate of GYLON® and EPDM (ER) <sup>1)</sup>	-5...+130 °C (steam sterilisation +140 °C for 60 min)
Plastic body	See "3.2. Pressure temperature diagram for plastic valve body" on page 6
Control medium	Neutral gases, air
<b>Process/Port connection &amp; communication</b>	
Nominal diameter (port connection)	DN 06...DN 100 (⅛"...4")
<b>Port connection<sup>2)</sup></b>	
<b>For stainless steel body<sup>3)</sup></b>	
Welded connection <sup>2)</sup>	DIN EN ISO 1127 / ISO 4200 / DIN 11866 series B DIN 11850 - 2 / DIN 11866 series A / DIN EN 10357 series A ASME BPE / DIN 11866 series C
Clamp connection <sup>2)</sup>	DIN 32676 series A (DIN pipe) DIN 32676 series B (ISO pipe) ASME BPE
<b>For plastic body</b>	
Spigot connection	DN 15...DN 50
True union	DN 15...DN 50
Loose flange	DN 15...DN 65
Fixed flange	DN 80...DN 100

**Environment and installation**

 Installation position                      See **operating manual Type 2031** ▶

**Ambient temperature** <sup>4.)</sup>

PPS, actuator size ≤ 80 mm	+ 5...+ 140 °C <sup>5.)</sup>
PPS, actuator size 100 mm, 125 mm	+ 5...+ 90 °C (short-term up to + 140 °C) <sup>5.)</sup>
PA, actuator size ≤ 125 mm	- 10...+ 60 °C <sup>5.)</sup>
PA, actuator size ≥ 175 mm	- 10...+ 50 °C <sup>5.)</sup>

- 1.) This information is part of the product key (see "8.3. Bürkert Product Enquiry Form" on page 29).
- 2.) Further variants are available on request.
- 3.) Tube valve body (VP) also available with flange and threaded connections
- 4.) With plastic housings, a temperature limitation due to housing material is possible.
- 5.) For standard variant



## 2. Approvals and conformities

### 2.1. General notes

- The approvals and conformities listed below must be stated when making enquiries. This is the only way to ensure that the product complies with all required specifications.
- Not all available versions can be supplied with the below mentioned approvals or conformities.



### 2.2. Conformity

In accordance with the Declaration of Conformity, the product is compliant with the EU Directives.



### 2.3. Standards

The applied standards which are used to demonstrate compliance with the EU Directives are listed in the EU-Type Examination Certificate and/or the EU Declaration of Conformity.

### 2.4. Explosion protection

Approval	Description																
 	<p><b>Optional: Explosion protection (valid for the variable code PX51)</b> As a category 2 device suitable for zone 1/21 and zone 2/22.</p> <p><b>ATEX:</b> EPS 18 ATEX 2 008 X II 2G Ex h IIC T4...T2 Gb II 2D Ex h IIC T135 °C...T300 °C Db</p> <p><b>IECEx:</b> IECEx EPS 18.0007X Ex h IIC T4...T2 Gb Ex h IIC T135 °C...T300 °C Db</p> <table border="1"> <thead> <tr> <th>Temperature class</th> <th>T2</th> <th>T3</th> <th>T4</th> </tr> </thead> <tbody> <tr> <td>Permissible surface temperature</td> <td>+ 300 °C</td> <td>+ 200 °C</td> <td>+ 135 °C</td> </tr> <tr> <td>Ambient temperature</td> <td>- 40...+ 130 °C</td> <td>- 40...+ 130 °C</td> <td>- 40...+ 100 °C</td> </tr> <tr> <td>Maximum medium temperature</td> <td>+ 285 °C</td> <td>+ 185 °C</td> <td>+ 125 °C</td> </tr> </tbody> </table>	Temperature class	T2	T3	T4	Permissible surface temperature	+ 300 °C	+ 200 °C	+ 135 °C	Ambient temperature	- 40...+ 130 °C	- 40...+ 130 °C	- 40...+ 100 °C	Maximum medium temperature	+ 285 °C	+ 185 °C	+ 125 °C
Temperature class	T2	T3	T4														
Permissible surface temperature	+ 300 °C	+ 200 °C	+ 135 °C														
Ambient temperature	- 40...+ 130 °C	- 40...+ 130 °C	- 40...+ 100 °C														
Maximum medium temperature	+ 285 °C	+ 185 °C	+ 125 °C														

### 2.5. Foods and beverages/Hygiene

Conformity	Description
	<p><b>3-A Sanitary Standards Inc. (valid for the variable code PE05)</b> The products comply with 3-A Sanitary Standards Inc (3-A SSI) as per certificate.</p>
FDA	<p><b>FDA – Code of Federal Regulations</b> The diaphragms made of EPDM (AD), PTFE/EPDM (EA), Advanced PTFE/EPDM (EU) and laminate of GYLON® and EPDM (ER) comply with the Code of Federal Regulations published by the FDA (Food and Drug Administration, USA).</p>
USP	<p><b>United States Pharmacopeial Convention (USP)</b> The diaphragms made of EPDM (AD), PTFE/EPDM (EA), Advanced PTFE/EPDM (EU) and laminate of GYLON® and EPDM (ER) are tested according to USP Class VI.</p>
	<p><b>EC Regulation 1935/2004 of the European Parliament and of the Council</b> The diaphragms made of EPDM (AD), PTFE/EPDM (EA), Advanced PTFE/EPDM (EU) and laminate of GYLON® and EPDM (ER) are suitable for use with food and beverages (according to EC Regulation 1935/2004/EC).</p>

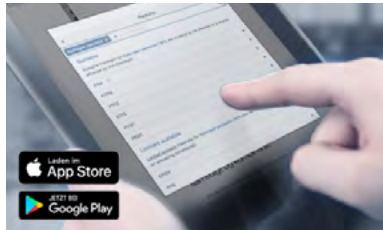
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## 2.6. Others

Conformity	Description
TA Luft	Technical instruction on air quality control (valid for the variable code PM01)

## 3. Materials

### 3.1. Bürkert resistApp



#### Bürkert resistApp – Chemical resistance chart

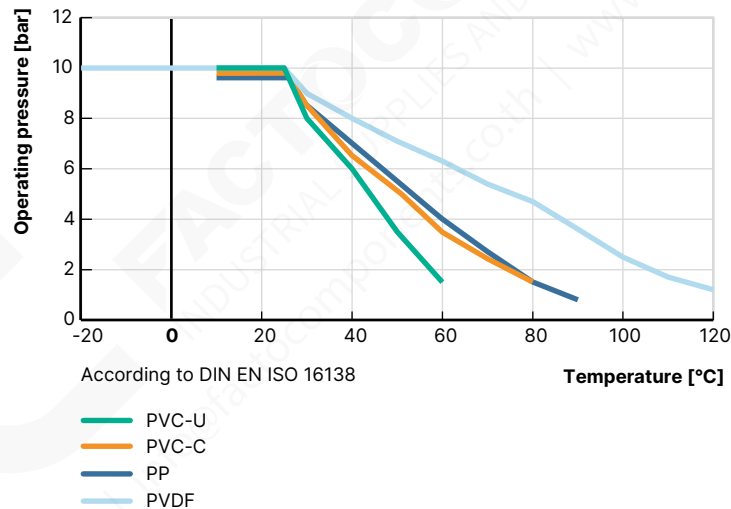
You want to ensure the reliability and durability of the materials in your individual application case? Verify your combination of media and materials on our website or in our resistApp.

[Start chemical resistance check](#)

### 3.2. Pressure temperature diagram for plastic valve body

**Note:**

This information is important for material selection. Observe the permissible operating pressure depending on the medium temperature.

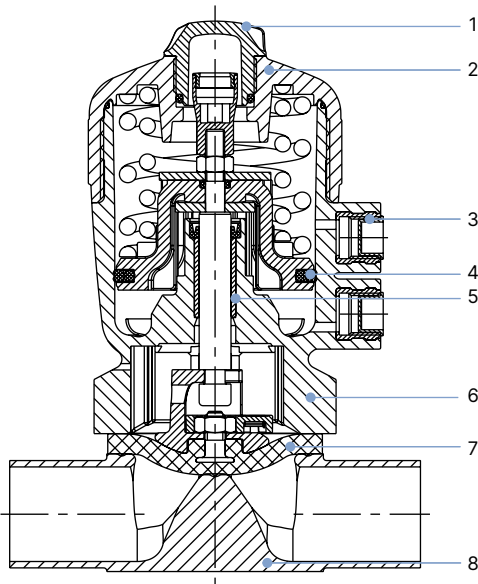


### 3.3. Material specifications

#### Actuator size 40...125

**Note:**

The exemplary representation may differ from the actual product.

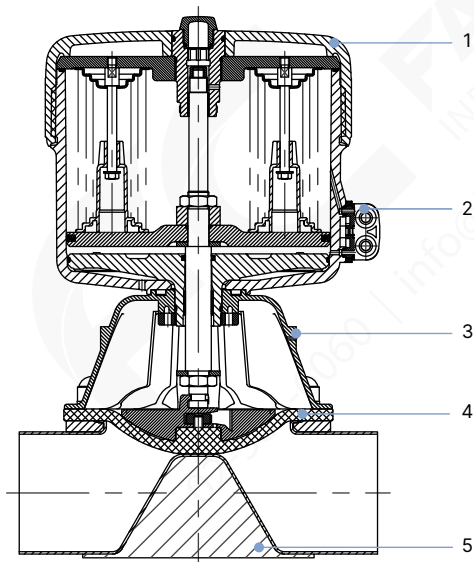


No.	Element	Material
1	Transparent cap	Polysulfone PSU
2	Cover	Polyphenylene sulphide PPS (standard) Polyamide PA (on request)
3	Pilot air ports	Stainless steel 1.4305
4	Piston seal	FKM
5	Socket	Sinter metal
6	Interface	Polyphenylene sulphide PPS (Standard) Polyamide PA (on request) Stainless steel 1.4404 (on request)
7	Diaphragm	EPDM (AD), PTFE/EPDM (EA), Advanced PTFE/EPDM (EU), laminate of GYLON® and EPDM (ER)
8	Valve body	See "1. General technical data" on page 3

#### Actuator size 175 and 225

**Note:**

The exemplary representation may differ from the actual product.



No.	Element	Material
1	Cover	Polyamide PA
2	Pilot air ports	Stainless steel 1.4305
3	Diaphragm bonnet	Stainless steel 1.4308
4	Diaphragm	EPDM (AD), PTFE/EPDM (EA), Advanced PTFE/EPDM (EU), laminate of GYLON® and EPDM (ER)
5	Valve body	See "1. General technical data" on page 3

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### 3.4. Example of available membrane materials

The diaphragms have been developed to meet the unique challenges of hygienic and sterile requirements. Bürkert offers diaphragms with precise material composition and high accuracy. Bürkert diaphragms are available in a wide range of materials which have been tested and proven in applications in the food and beverage, biotechnology, pharmaceutical and cosmetics industries. The diaphragms are tested during development and production to ensure reliability under difficult process conditions.



- EPDM (AD)
- PTFE/EPDM (EA)
- Advanced PTFE/EPDM (EU)
- Laminate of GYLON® and EPDM (ER)

For further information please refer to our flyer "Diaphragm competence for hygienic applications" on our [website](#) ▶.

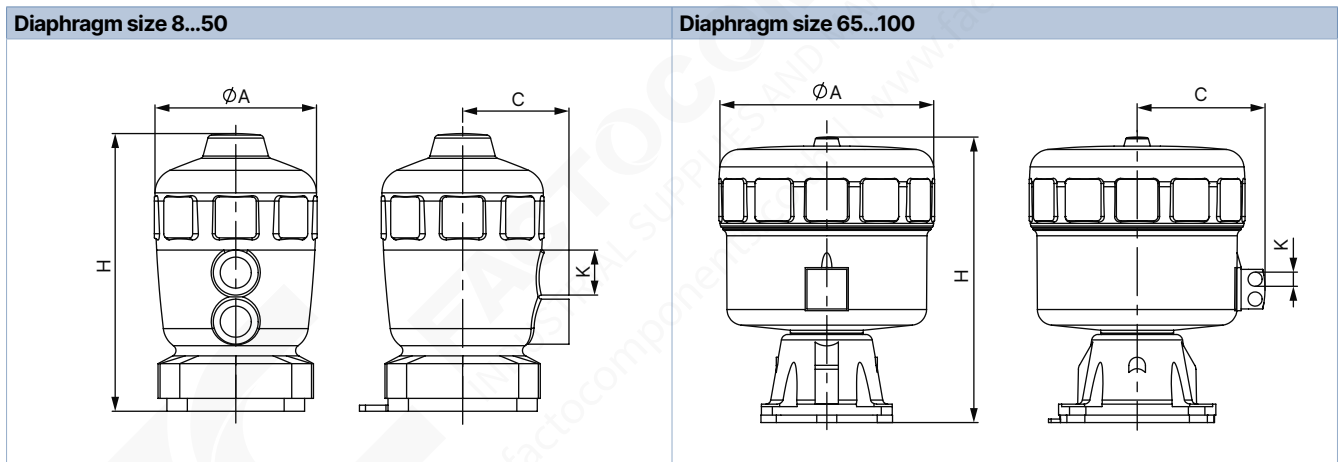
## 4. Dimensions

### 4.1. Actuator

#### CLASSIC actuator

**Note:**

Dimensions in mm, unless otherwise stated



Diaphragm size	Actuator size Ø	Ø A	C	K	H
8	40 (C)	53	34	G 1/8"	89
15	50 (D)	64	39	G 1/8"	108
	63 (E)	80	52	G 1/4"	125
20	63 (E)	80	52	G 1/4"	131
	80 (F)	101	60	G 1/4"	152
25	63 (E)	80	52	G 1/4"	136
	80 (F)	101	60	G 1/4"	156
40	100 (G)	127	73	G 1/4"	205
	125 (H)	158	86	G 1/4"	243
50	100 (G)	127	73	G 1/4"	207
	125 (H)	158	86	G 1/4"	242
65	175 (K)	211	130	G 1/4"	350
80	175 (K)	211	130	G 1/4"	350
	225 (L)	261	155	G 1/4"	345
100	225 (L)	261	155	G 1/4"	345

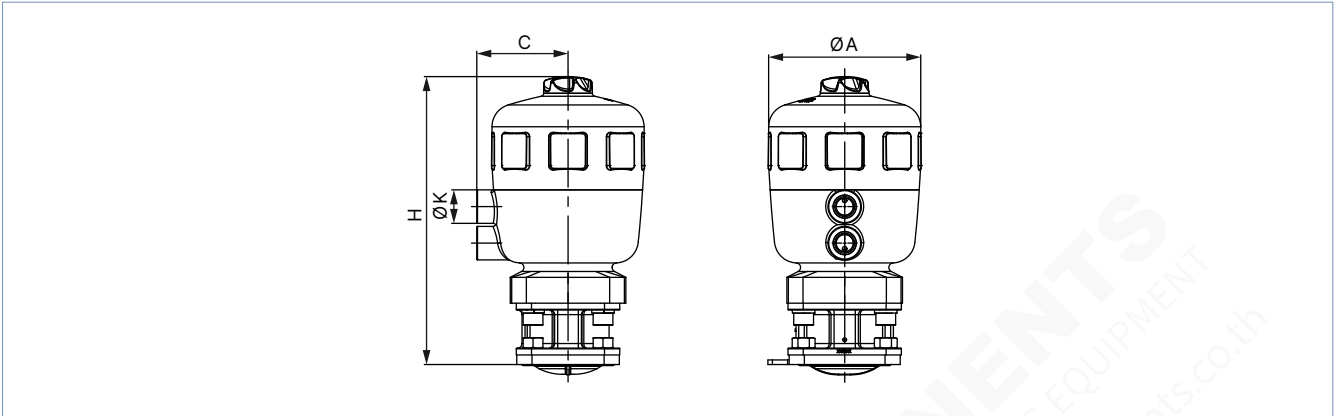
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**CLASSIC actuator with interface for block mounting (MT85)**

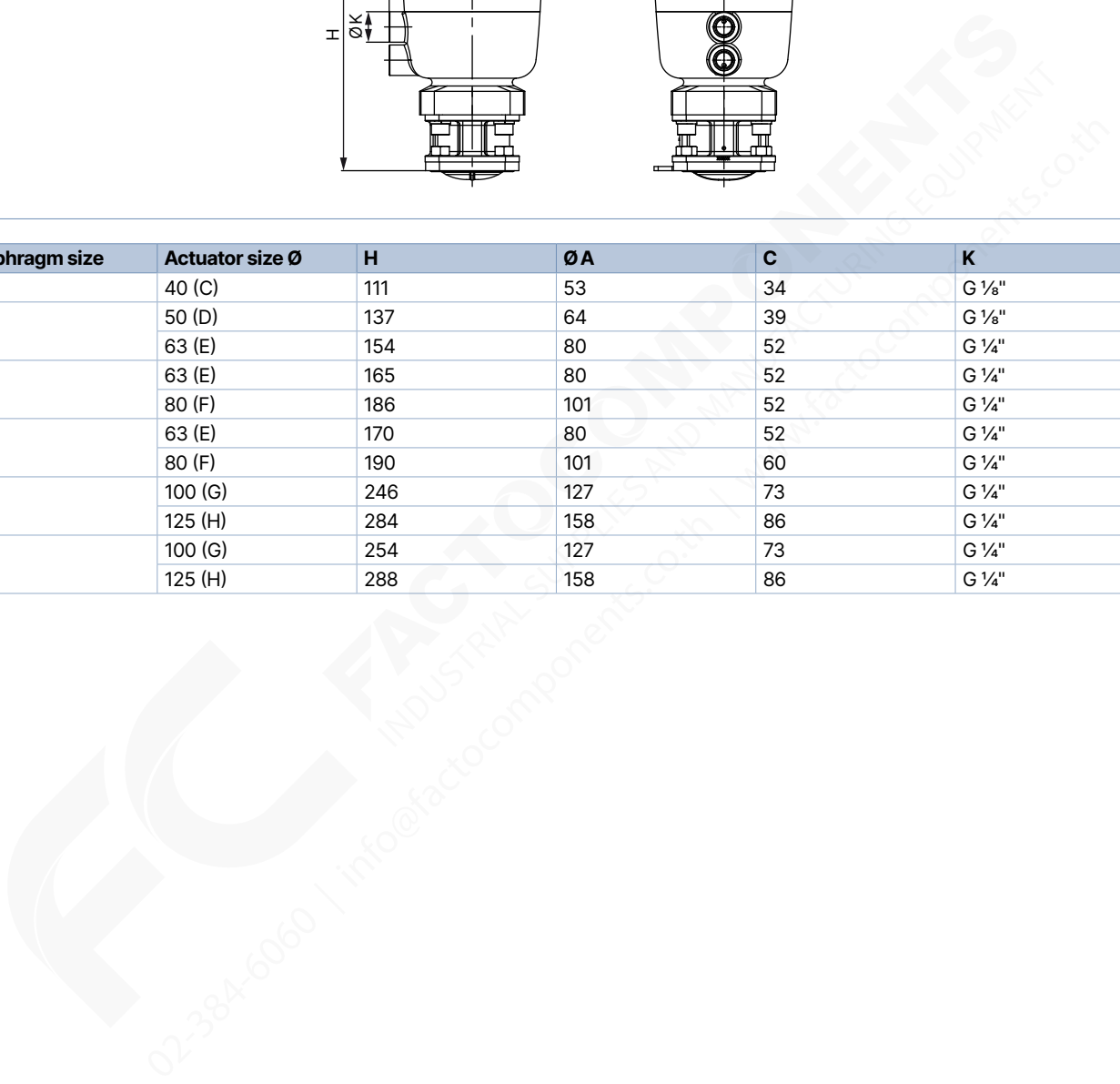
**Note:**

Dimensions in mm, unless otherwise stated



Diaphragm size	Actuator size Ø	H	ØA	C	K
8	40 (C)	111	53	34	G 1/8"
15	50 (D)	137	64	39	G 1/8"
	63 (E)	154	80	52	G 1/4"
20	63 (E)	165	80	52	G 1/4"
	80 (F)	186	101	52	G 1/4"
25	63 (E)	170	80	52	G 1/4"
	80 (F)	190	101	60	G 1/4"
40	100 (G)	246	127	73	G 1/4"
	125 (H)	284	158	86	G 1/4"
50	100 (G)	254	127	73	G 1/4"
	125 (H)	288	158	86	G 1/4"

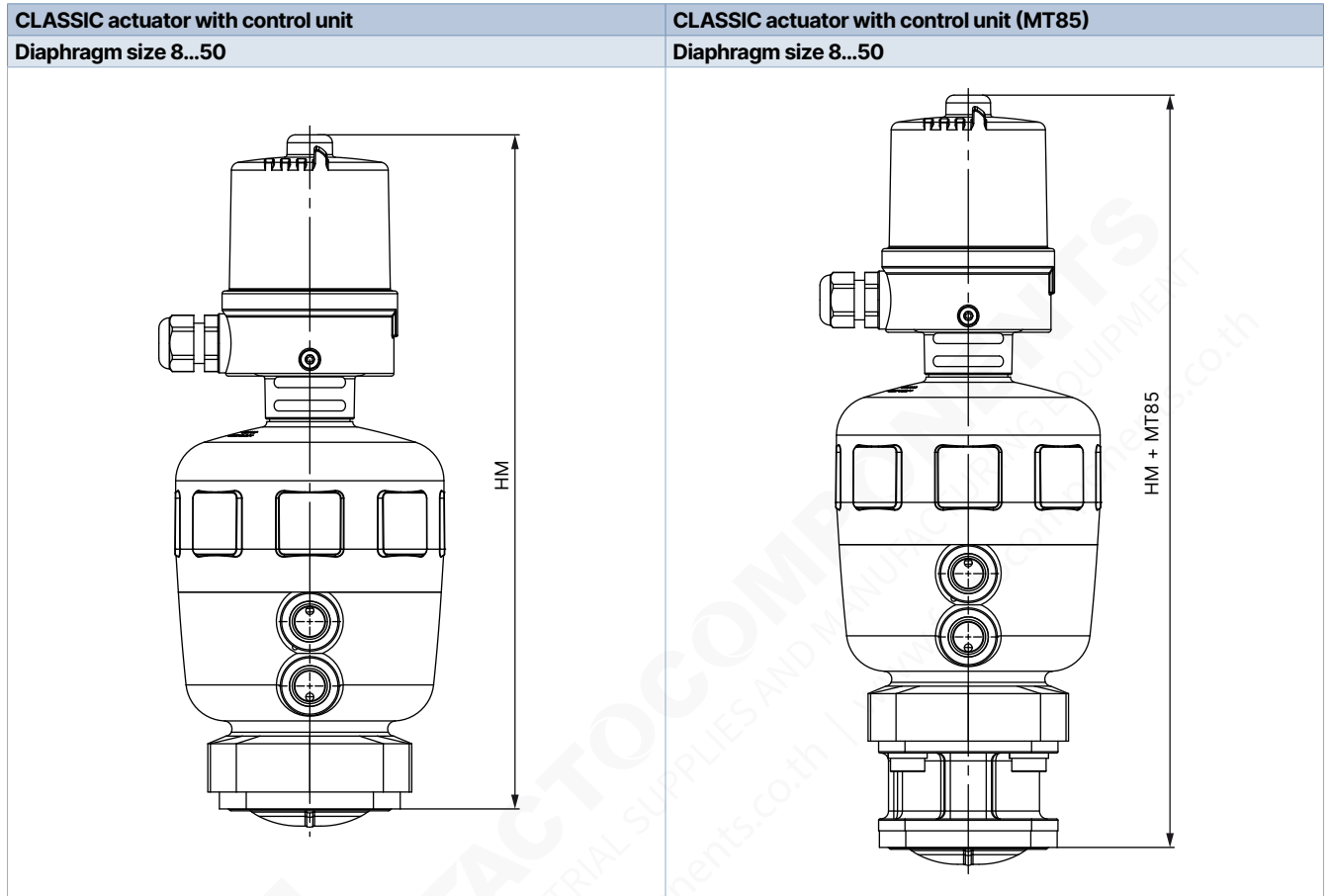
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**CLASSIC actuator with control unit Type 8697**

**Note:**

Dimensions in mm, unless otherwise stated



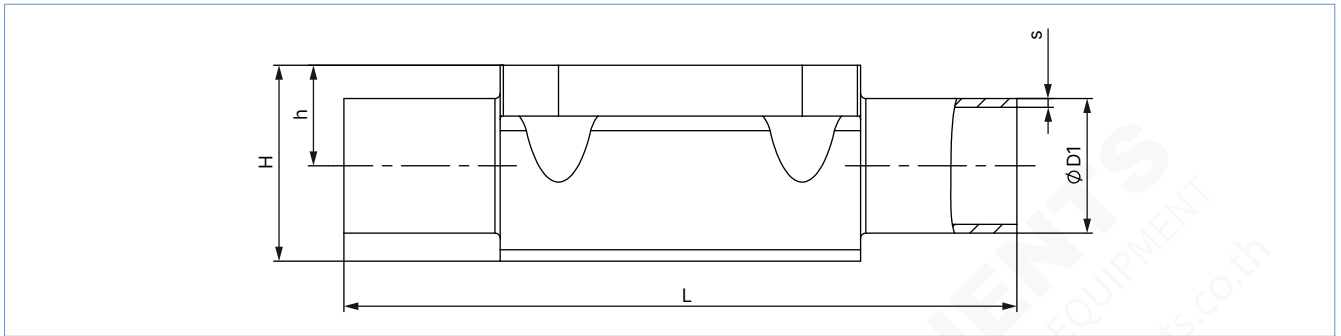
Diaphragm size	Actuator size Ø	HM	HM + MT85
8	40 (C)	185	207
15	50 (D)	204	233
	63 (E)	220	249
20	63 (E)	227	261
	80 (F)	247	281
25	63 (E)	232	266
	80 (F)	252	286
40	100 (G)	298	339
	125 (H)	336	377
50	100 (G)	301	347
	125 (H)	335	381
65	175 (K)	–	437
80	175 (K)	–	446
	225 (L)	–	440
100	225 (L)	–	440

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### 4.2. Forged steel valve body (VS) with welded connection

**Note:**

- Dimensions in mm, unless otherwise stated
- Further information on the draining angle can be found in the “Additional manual Type 2xxx 3xxx” on our website (see **operating instructions Type 2031** ▶).



Diaphragm size	Port connection DN	ØD1	s	L	h	H	Product key <sup>1)</sup>
<b>DIN EN ISO 1127 / ISO 4200 / DIN 11866 series B</b>							
8	8	13.5	1.6	90	9.3	18.8	SA40
15	8	13.5	1.6	108	8.15	19.85	SA40
8	10	17.2	1.6	90	9.3	18.8	SA41
15	10	17.2	1.6	110	12.05	23.75	SA41
15	15	21.3	1.6	110	12.05	23.75	SA42
20	15	21.3	1.6	119	16	30.3	SA42
20	20	26.9	1.6	119	16	30.3	SA43
25	20	26.9	1.6	119	19	37	SA43
25	25	33.7	2.0	129	19	37	SA44
40	25	33.7	2.0	161	27.6	52.4	SA44
40	32	42.4	2.0	161	27.6	52.4	SA45
40	40	48.3	2.0	161	27.6	52.4	SA46
50	50	60.3	2.0	192	35.5	68.3	SA47
80	65	76.1	2.0	250	51	98.1	SA48
80	80	88.9	2.3	250	51	98.1	SA49
100 <sup>2)</sup>	100	114.3	2.3	295	63.5	127.0	SA39
<b>DIN 11850 - 2 / DIN 11866 series A / DIN EN 10357 series A</b>							
8	10	13	1.5	90	9.3	18.8	SD40
15	10	13	1.5	110	8.15	19.85	SD40
15	15	19	1.5	110	12.05	23.75	SD42
20	20	23	1.5	119	16.0	30.3	SD43
25	25	29	1.5	129	19.0	37.0	SD44
40	32	35	1.5	161	27.6	52.4	SD45
40	40	41	1.5	161	27.6	52.4	SD46
50	50	53	1.5	192	35.5	68.3	SD47
80	65	70	2.0	250	51.0	98.1	SD48
80	80	85	2.0	250	51.0	98.1	SD49
100 <sup>2)</sup>	100	104	2	295	63.5	127.0	SD50

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Diaphragm size	Port connection DN	ØD1	s	L	h	H	Product key <sup>1)</sup>
<b>ASME BPE / DIN 11866 series C</b>							
8	¼"	6.35	0.89	78	5.7	15.2	SA90
8	⅜"	9.53	0.89	89	5.7	15.2	SA91
8	½"	12.7	1.65	89	9.3	18.8	SA92
15	½"	12.7	1.65	108	8.15	19.85	SA92
15	¾"	19.05	1.65	108	12.05	23.75	SA93
20	¾"	19.05	1.65	117	16.0	30.3	SA93
25	1"	25.4	1.65	127	19.0	37.0	SODF
40	1½"	38.1	1.65	159	27.6	52.4	SODH
50	2"	50.8	1.65	190	35.5	68.3	SODI
50	2½"	63.5	1.65	192	35.5	68.6	SODJ
80	2½"	63.5	1.65	250	51.0	98.1	SODJ
80	3"	76.2	1.65	250	51.0	98.1	SODK
100 <sup>2)</sup>	4"	101.6	2.11	295	63.5	127.0	SODL
<b>BS 4825</b>							
8	8	6.35	1.20	78	5.7	15.2	SODB
8	10	9.53	1.20	89	5.7	15.2	SODC
15	15	12.7	1.20	108	8.15	19.85	SODD
20	20	19.05	1.20	117	16.0	30.3	SODE
25	25	25.4	1.65	127	19.0	37.0	SODF
40	40	38.1	1.65	159	27.6	52.4	SODH
50	50	50.8	1.65	190	35.5	68.3	SODI
50	65	63.5	1.65	192	35.5	68.6	SODJ
80	80	63.5	1.65	250	51.0	98.1	SODJ
80	80	76.2	1.65	250	51.0	98.1	SODK
<b>SMS 3008</b>							
25	25	25	1.2	129	19	37	SA60
40	40	38	1.2	161	27.6	52.4	SA62
50	50	51	1.2	192	35.5	68.3	SA63
100 <sup>2)</sup>	100	101.6	2	295	63.5	127.0	SA66
<b>DIN 11850 series 0</b>							
8	6	8	1.0	90	5.7	15.2	SC41
8	8	10	1.0	90	5.7	15.2	SC42

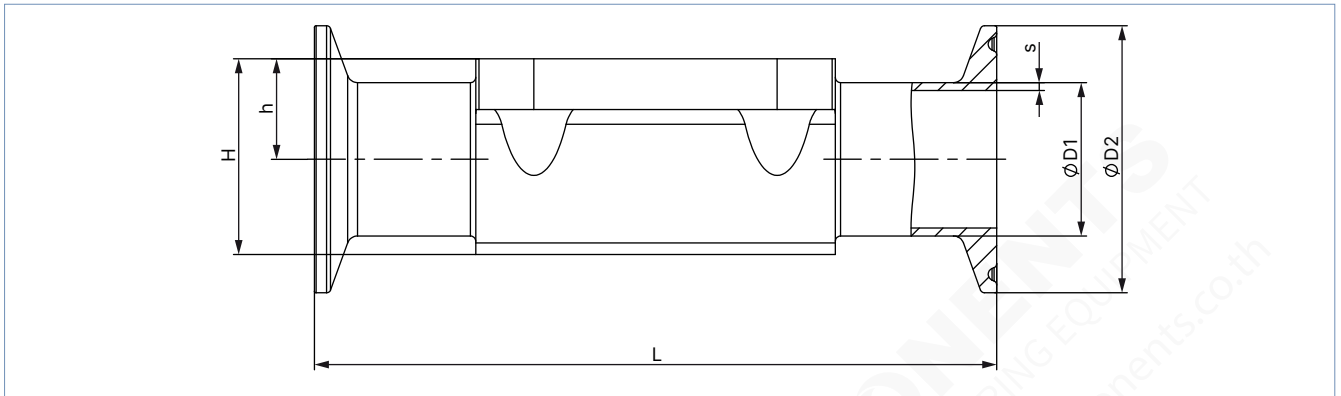
1.) This information is part of the product key (see "8.3. Bürkert Product Enquiry Form" on page 29).

2.) Only available as block material

### 4.3. Forged steel valve body (VS) with clamp connection

**Note:**

- Dimensions in mm, unless otherwise stated
- Further information on the draining angle can be found in the “Additional manual Type 2xxx 3xxx” on our website (see **operating instructions Type 2031** ▶).



Diaphragm size	Port connection DN	ØD1	s	ØD2	L	h	H	Product key <sup>1)</sup>	Variable code <sup>1)</sup>
<b>DIN 32676 series B (ISO pipe)</b>									
15	15	21.3	1.6	50.5	167	12.05	23.75	TC52	–
20	20	26.9	1.6	50.5	114	16.0	30.3	TC43	–
25	25	33.7	2	50.5	129	19	37	TC44	–
40	40	48.3	2	64.0	161	27.6	52.4	TC46	–
50	50	60.3	2	77.5	190	35.5	68.3	TC47	–
65	65	76.1	2	91	190	35.5	63.3	TC48	–
80	80	88.9	2.3	106	222	51.0	98.1	TC49	–
100 <sup>2)</sup>	100	114.3	2.3	130	350	63.5	127.0	TC50	–
<b>DIN 32676 series A (DIN pipe)</b>									
8	10	13	1.5	34.0	126	9.3	18.8	TD41	–
15	10	13	1.5	34.0	110	8.15	19.85	TD41	–
15	15	19	1.5	34.0	110	12.05	23.75	TD42	–
20	20	23	1.5	34.0	119	16	30.3	TD43	–
25	25	29	1.5	50.5	129	19	37	TD44	–
40	40	41	1.5	50.5	161	27.6	52.4	TD46	–
50	50	53	1.5	64.0	192	35.5	68.3	TD47	–
65	65	70	2	91	248	43.0	83.5	TC48	–
80	80	70	2	91	222	51.0	98.1	TC49	–

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ASME BPE									
8	1/4"	6.35	0.89	25.0	64.5	5.7	15.2	TG50	-
8	3/8"	9.53	0.89	25.0	89	5.7	15.2	TG01	AF34
8	1/2"	12.7	1.65	25.0	64	9.3	18.8	TG02	-
8	1/2"	12.7	1.65	25.0	89	9.3	18.8	TG02	AF34
15	1/2"	12.7	1.65	25.0	89	8.15	19.85	TG02	-
15	1/2"	12.7	1.65	25.0	108	8.15	19.85	TG02	AF34
15	3/4"	19.05	1.65	25.0	89	12.05	23.75	TG03	-
20	3/4"	19.05	1.65	25.0	102	16	30.3	TG03	-
20	3/4"	19.05	1.65	25.0	117	16	30.3	TG03	AF34
25	1"	25.4	1.65	50.5	114	19	37	TG04	-
25	1"	25.4	1.65	50.5	127	19	37	TG04	AF34
40	1 1/2"	38.1	1.65	50.5	140	27.6	52.4	TG05	-
40	1 1/2"	38.1	1.65	50.5	159	27.6	52.4	TG05	AF34
50	2"	50.8	1.65	64.0	159	35.5	68.3	TG06	-
50	2"	50.8	1.65	64.0	190	35.5	68.3	TG06	AF34
65	2 1/2"	63.5	1.65	77.5	249	43	83.5	TG07	-
80	2 1/2"	63.5	1.65	77.5	216	51	98.1	TG07	-
80	3"	76.2	1.65	91.0	222	51	98.1	TG08	-
100 <sup>2)</sup>	4"	101.6	2.11	119	306	63.5	127.0	TG09	-

1.) This information is part of the product key (see "8.3. Bürkert Product Enquiry Form" on page 29).

2) Only available as block material

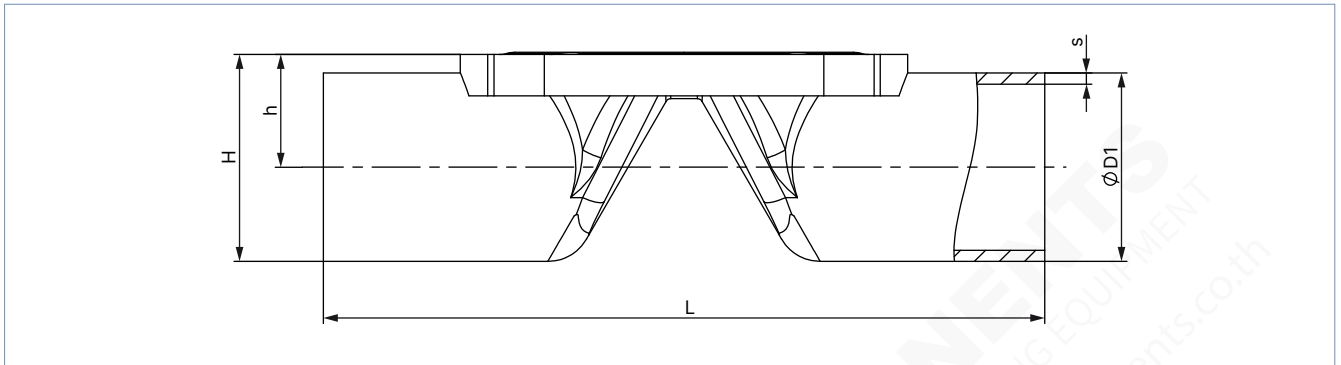
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#### 4.4. Tube valve body (VP) with welded connection

**Note:**

- Dimensions in mm, unless otherwise stated
- Further information on the draining angle can be found in the “Additional manual Type 2xxx 3xxx” on our website (see **operating instructions Type 2031** ▶).



Diaphragm size	Port connection DN	ØD1	s	L	h	H	Product key <sup>1)</sup>
<b>DIN EN ISO 1127 / ISO 4200 / DIN 11866 series B</b>							
8	8	13.5	1.6	90.0	9.85	16.6	SA40
8	10	17.2	1.6	90.0	11.70	20.3	SA41
15	15	21.3	1.6	110.0	14.35	25.0	SA42
20	20	26.9	1.6	119.0	17.15	30.45	SA43
25	25	33.7	2.0	129.0	20.55	37.4	SA44
32	32	42.4	2.0	148.0	25.10	46.3	SA45
40	40	48.3	2.0	161.0	29.35	53.5	SA46
50	50	60.3	2.0	192.0	35.35	65.50	SA47
<b>DIN 11850 - 2 / DIN 11866 series A / DIN EN 10357 series A</b>							
8	10	13	1.5	90	9.85	16.35	SD40
15	15	19	1.5	110	13.20	22.70	SD42
15	20	23	1.5	119	15.20	26.70	SD43
20	25	29	1.5	129	18.20	32.70	SD44
25	32	35	1.5	148	21.20	38.70	SD45
32	40	41	1.5	161	24.40	44.90	SD46
40	50	53	1.5	192	31.70	58.20	SD47
<b>ASME BPE / DIN 11866 series C</b>							
8	1/2"	12.7	1.65	90.0	9.45	21.95	SA92
15	3/4"	19.05	1.65	117.0	13.23	25.73	SA93
20	1"	25.4	1.65	127.0	16.40	41.65	SODF
32	1 1/2"	38.1	1.65	159.0	22.95	48.20	SODH
40	2"	50.8	1.65	190	30.60	62.60	SODI
50	2 1/2"	63.5	1.65	192	37.35	69.1	SODJ
65	3"	76.2	1.65	250	46.3	84.4	SODK
80	4"	101.6	2.11	295	60	110.8	SODL

1.) This information is part of the product key (see “8.3. Bürkert Product Enquiry Form” on page 29).

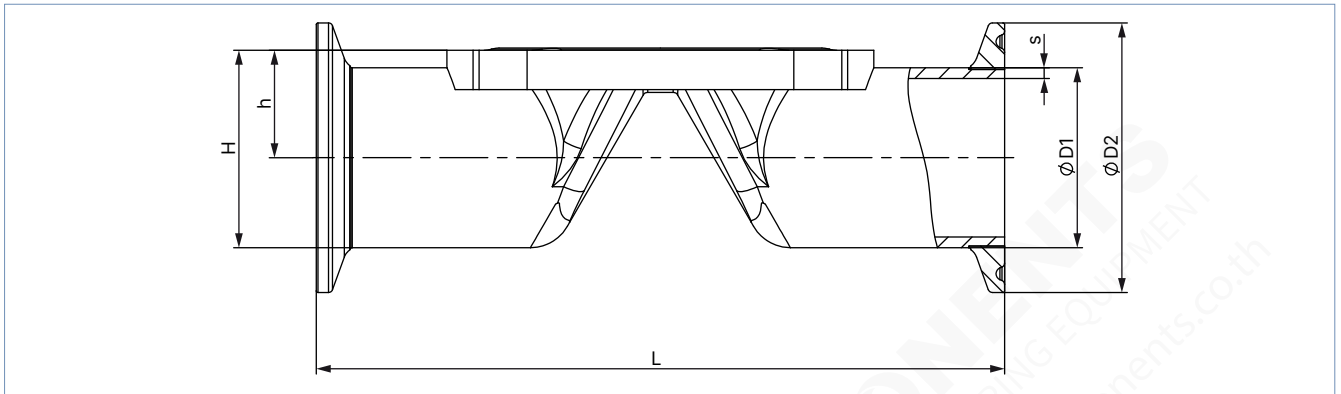
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#### 4.5. Tube valve body (VP) with clamp connection

**Note:**

- Dimensions in mm, unless otherwise stated
- Further information on the draining angle can be found in the “Additional manual Type 2xxx 3xxx” on our website (see **operating instructions Type 2031** ▶).



Diaphragm size	Port connection DN	ØD1	s	ØD2	L	h	H	Product key <sup>1)</sup>
<b>DIN 32676 series B (ISO pipe)</b>								
8	8	13.5	1.6	25.0	89	9.85	22.35	TC40
8	10	17.2	1.6	25.0	89	11.70	24.20	TC53
15	15	21.3	1.6	50.5	110	14.35	39.60	TC52
20	20	26.9	1.6	50.5	119	17.15	42.40	TC43
25	25	33.7	2.0	50.5	129	20.55	45.80	TC44
32	32	42.4	2.0	64.0	148	25.10	57.10	TC55
40	40	48.3	2.0	64.0	161	29.35	61.35	TC46
50	50	60.3	2.0	77.5	192	35.35	74.10	TC47
<b>DIN 32676 series A (DIN pipe)</b>								
8	10	13.0	1.5	34.0	89	9.85	26.85	TD41
15	15	19.0	1.5	34.0	110	13.2	30.20	TD42
15	20	23.0	1.5	34.0	119	15.20	32.20	TD43
20	25	29.0	1.5	50.5	129	18.20	43.45	TD44
25	32	35.0	1.5	50.5	148	21.20	46.45	TD45
32	40	41.0	1.5	50.5	161	24.40	49.65	TD46
40	50	53.0	1.5	64.0	192	31.70	63.70	TD47
<b>ASME BPE</b>								
8	½"	12.7	1.65	25.0	89	9.45	21.95	TG02
15	¾"	19.05	1.65	25.0	102	13.20	25.73	TG03
20	1"	25.4	1.65	50.5	114	16.40	41.65	TG04
32	1½"	38.10	1.65	50.5	140	22.95	48.20	TG05
40	2"	50.80	1.65	64.0	159	30.60	62.60	TG06
50	2½"	63.5	1.65	77.5	190	37.35	69.1	TG07

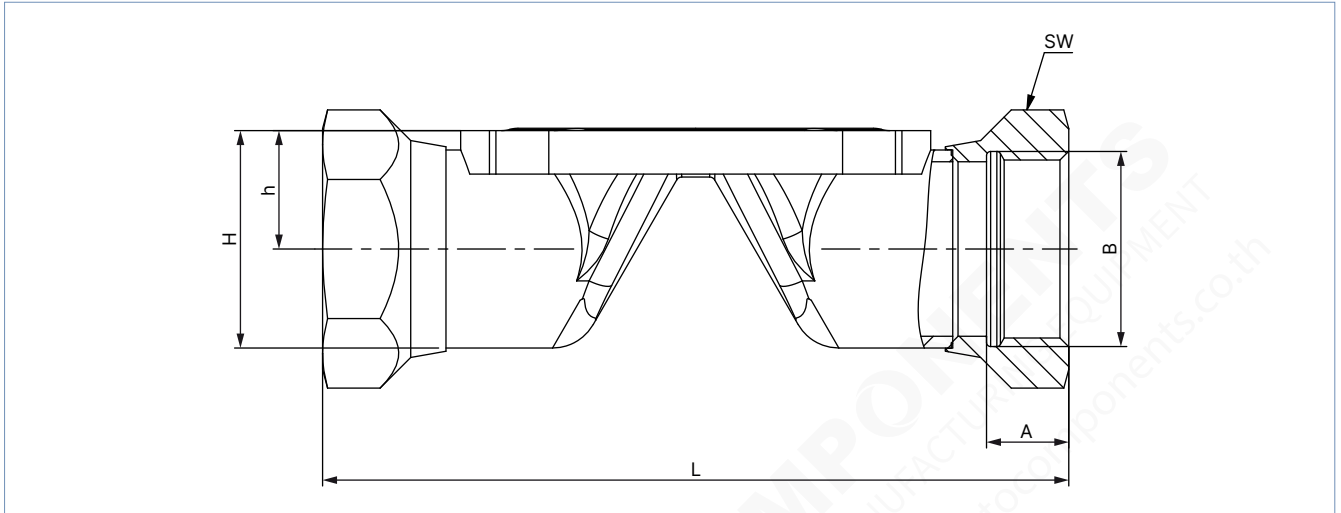
1.) This information is part of the product key (see "8.3. Bürkert Product Enquiry Form" on page 29).

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**4.6. Tube valve body (VP) with threaded connection**

**Note:**

- Dimensions in mm, unless otherwise stated
- Further information on the draining angle can be found in the “Additional manual Type 2xxx 3xxx” on our website (see **operating instructions Type 2031** ▶).



Diaphragm size	L	A	B	h	H	Spanner width of threaded ports	Product key <sup>1)</sup>
08	85	9	G ¼	11.70	20.3	17	GM82
15	102	14	G ½	14.35	25.0	27	GM84
20	118	12	G ¾	17.15	30.45	32	GM85
25	127	14	G 1	20.55	37.4	41	GM86
32	146	16	G 1¼	25.10	46.3	50	GM87
40	159	18	G 1½	29.35	53.5	60	GM88
50	191	20	G 2	35.35	65.50	70	GM89
Diaphragm size	L	A	B	h	H	Spanner width of threaded ports	Product key <sup>1)</sup>
08	85	9.7	Rc ¼	11.70	20.3	17	RC82
15	102	13.2	Rc ½	14.35	25.0	27	RC84
20	118	14.5	Rc ¾	17.15	30.45	32	RC85
25	127	16.8	Rc 1	20.55	37.4	41	RC86
32	146	19.1	Rc 1¼	25.10	46.3	50	RC87
40	159	19.1	Rc 1½	29.35	53.5	60	RC88
50	191	23.4	Rc 2	35.35	65.50	70	RC89
Diaphragm size	L	A	B	h	H	Spanner width of threaded ports	Product key <sup>1)</sup>
08	85	10	NPT ¼	11.70	20.3	17	NM82
15	102	13.7	NPT ½	14.35	25.0	27	NM84
20	118	14	NPT ¾	17.15	30.45	32	NM85
25	127	16.8	NPT 1	20.55	37.4	41	NM86
32	146	17.3	NPT 1¼	25.10	46.3	50	NM87
40	159	17.3	NPT 1½	29.35	53.5	60	NM88
50	191	17.6	NPT 2	35.35	65.50	70	NM89

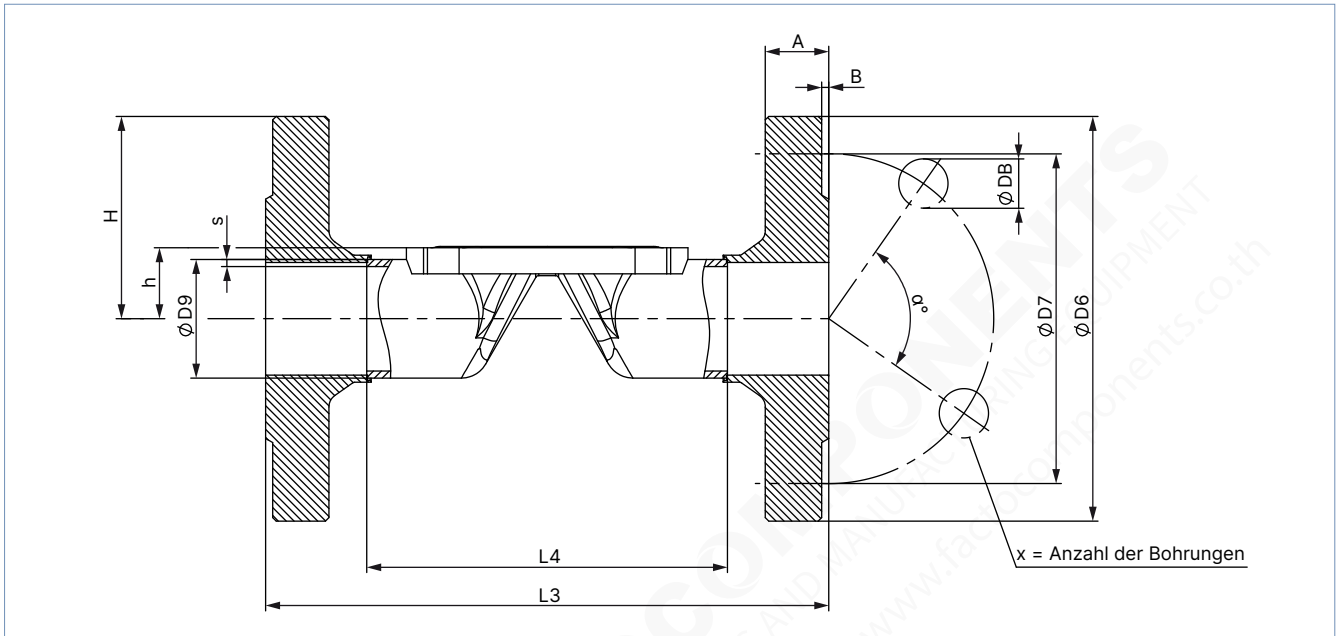
1.) This information is part of the product key (see “8.3. Bürkert Product Enquiry Form” on page 29).

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#### 4.7. Tube valve body (VP) with flange connection

**Note:**

- Dimensions in mm, unless otherwise stated
- Further information on the draining angle can be found in the “Additional manual Type 2xxx 3xxx” on our website (see **operating instructions Type 2031** ▶).



Diaphragm size	L4	L3	s3	ØD9	ØD6	ØD7	a°	ØDB	A	B	X	Product key <sup>1)</sup>
<b>DIN EN 1092 - 1</b>												
15	76.5	130	1.6	21.3	76.5	65.0	90	14	16	2	4	FD22
20	92.5	150	1.6	26.9	92.5	75.0	90	14	18	2	4	FD23
25	102.5	160	2.0	33.7	102.5	85.0	90	14	18	2	4	FD24
32	122.5	180	2.0	42.4	122.5	100.0	90	18	18	2	4	FD25
40	136.5	200	2.0	48.3	136.5	110.0	90	18	18	3	4	FD26
50	160.5	230	2.0	60.3	160.5	125.0	90	18	20	3	4	FD27
<b>ANSI B16.5</b>												
15	67.0	130	1.6	21.3	89	60.5	90	15.7	11.2	1.6	4	FA02
25	106.0	160	2.0	33.7	108	79.2	90	15.7	14.2	1.6	4	FA04
40	128.0	200	2.0	48.3	127	98.6	90	15.7	17.5	1.6	4	FA06
50	151.0	230	2.0	60.3	152	120.7	90	19.1	19.1	1.6	4	FA07
<b>JIS 10K</b>												
15	89	130	1.6	21.3	95	70	90	15	12	1	4	FJ01
20	103	150	1.6	26.9	100	75	90	15	14	1	4	FJ02
25	116	160	2.0	33.7	125	90	90	19	14	1	4	FJ03
40	147	200	2.0	48.3	140	105	90	19	16	2	4	FJ05
50	175	230	2.0	60.3	155	120	90	19	16	2	4	FJ06

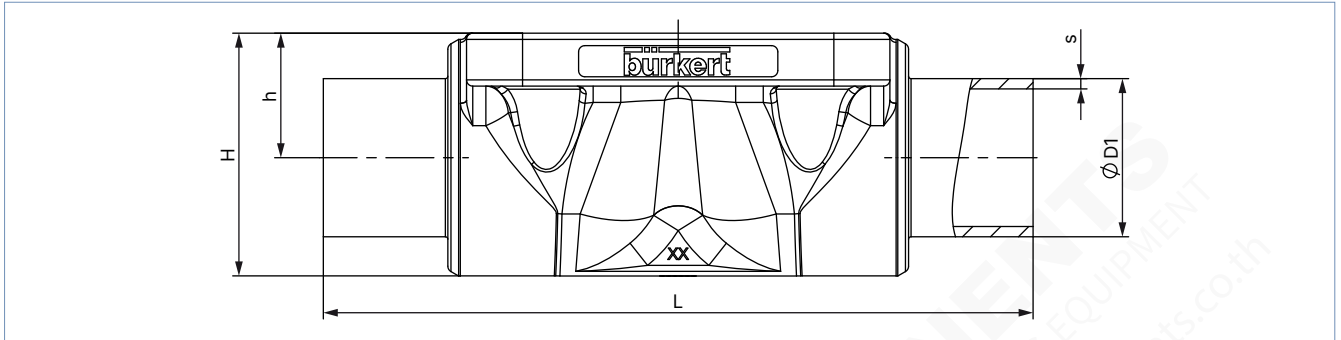
1.) This information is part of the product key (see “8.3. Bürkert Product Enquiry Form” on page 29).

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#### 4.8. Cast valve body (VG) with welded connection

**Note:**

- Dimensions in mm, unless otherwise stated
- Further information on the draining angle can be found in the “Additional manual Type 2xxx 3xxx” on our website (see **operating instructions Type 2031** ▶).



Diaphragm size	Port connection DN	ØD1	s	L	h	H	Product key <sup>1)</sup>
<b>DIN EN ISO 1127 / ISO 4200 / DIN 11866 series B</b>							
8	8	13.5	1.6	90	9.6	18.5	SA40
8	10	17.2	1.6	90	9.6	18.6	SA41
15	15	21.3	1.6	110	13.5	25.0	SA42
20	15	21.3	1.6	119	18.0	32.9	SA42
20	20	26.9	1.6	119	18.0	32.7	SA43
25	25	33.7	2.0	129	20.0	39.0	SA44
40	32	42.4	2.0	161	28.6	55.0	SA45
40	40	48.3	2.0	161	28.6	55.0	SA46
50	50	60.3	2.0	192	35.5	68.0	SA47
65	65	76.1	2.0	192	43.0	82.0	SA48
80	80	76.1	2.0	250	51.0	101.0	SA48
80	80	88.9	2.3	250	51.0	101.0	SA49
100	100	114.3	2.3	295	63.5	123.5	SA39
<b>DIN 11850 - 2 / DIN 11866 series A / DIN EN 10357 series A</b>							
8	10	13	1.5	90	9.6	18.6	SD40
15	15	19	1.5	110	13.5	25.0	SD42
20	20	23	1.5	119	18.0	32.8	SD43
25	25	29	1.5	129	20.0	39.0	SD44
40	40	41	1.5	161	28.6	55.0	SD46
50	50	53	1.5	192	35.5	68.0	SD47
65	65	70	2.0	192	43.0	82.0	SD48
80	80	85	2.0	250	51.0	101.0	SD49
100	100	104	2.0	295	63.5	123.5	SD50
<b>ASME BPE / DIN 11866 series C</b>							
8	¼"	6.35	0.89	64.5	9.6	18.6	SA90
8	⅜"	9.53	0.89	89	9.6	18.6	SA91
8	½"	12.7	1.65	89	9.6	18.6	SA92
15	¾"	19.05	1.65	102	13.5	25.0	SA93
20	¾"	19.05	1.65	119	18.0	32.8	SA93
20	1"	25.4	1.65	119	18.0	32.7	SODF
25	1"	25.4	1.65	114	20.0	39.0	SODF
40	1½"	38.1	1.65	140	28.6	55.0	SODH
50	2"	50.8	1.65	159	35.5	68.0	SODI
50	2½"	63.5	1.65	192	35.5	68.0	SODJ
65	2½"	63.5	1.65	192	43.0	82.0	SODJ
80	3"	76.2	1.65	250	51.0	101.0	SODK
100	4"	101.6	2.11	295	63.5	123.5	SODL

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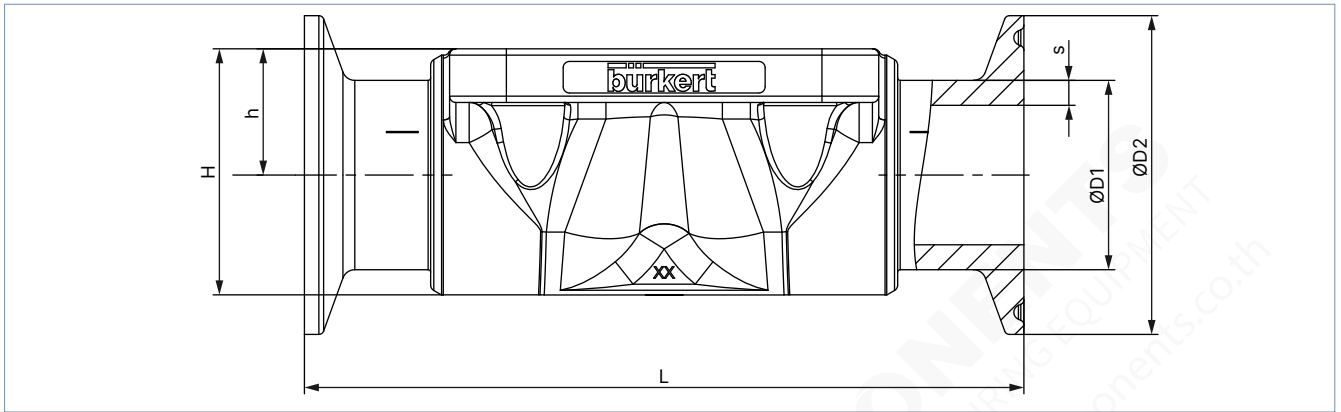
Diaphragm size	Port connection DN	ØD1	s	L	h	H	Product key <sup>1)</sup>
<b>BS 4825</b>							
8	8	6.35	1.20	64.5	9.6	18.6	SODB
8	10	9.53	1.20	89	9.6	18.6	SODC
8	15	12.7	1.20	89	9.6	18.6	SODD
15	20	19.05	1.20	102	14.0	25.5	SODE
20	25	25.4	1.65	119	18.0	32.8	SODF
25	25	25.4	1.65	114	20.0	39.0	SODF
40	40	38.1	1.65	140	28.6	55.0	SODH
50	50	50.8	1.65	159	35.5	68.0	SODI
50	65	63.5	1.65	192	35.5	68.0	SODJ
65	65	63.5	1.65	192	43.0	82.0	SODJ
80	80	76.2	1.65	250	51.0	101.0	SODK
100	100	101.6	2.11	295	63.5	123.5	SODL
<b>SMS 3008</b>							
20	25	25	1.2	119	18.0	32.8	SA60
25	25	25	1.2	129	20.0	39.0	SA60
40	40	38	1.2	161	28.6	55.0	SA62
50	50	51	1.2	192	35.5	68.0	SA63
<b>DIN 11850 series 0</b>							
8	4	6	1.0	90	9.6	18.6	SC40
8	6	8	1.0	90	9.6	18.6	SC41
8	8	10	1.0	90	9.6	18.6	SC42
15	15	18	1.5	110	13.5	25.0	SC43
20	20	22	1.5	119	18.0	32.8	SC44
25	25	28	1.5	129	20.0	39.0	SC45
25	32	34	1.5	129	20.0	39.0	SC46
40	40	40	1.5	161	28.6	56.0	SC47
50	50	52	1.5	192	35.5	68.0	SC48

1.) This information is part of the product key (see "8.3. Bürkert Product Enquiry Form" on page 29).

### 4.9. Cast valve body (VG) with clamp connection

**Note:**

- Dimensions in mm, unless otherwise stated
- Further information on the draining angle can be found in the “Additional manual Type 2xxx 3xxx” on our website (see **operating instructions Type 2031** ▶).



Diaphragm size	Port connection DN	ØD1	s	ØD2	L	h	H	Product key <sup>1)</sup>
<b>DIN 32676 series B (ISO pipe)</b>								
25	25	33.7	2	50.5	129	20.0	39.0	TC44
40	40	48.3	2	64.0	161	28.6	55.0	TC46
50	50	60.3	2	77.5	192	35.5	68.0	TC47
<b>DIN 32676 series A (DIN pipe)</b>								
15	15	19	1.5	34.0	110	13.5	25.0	TD42
20	20	23	1.5	34.0	119	18.0	32.8	TD43
25	25	29	1.5	50.5	129	20.0	39.0	TD44
40	40	41	1.5	50.5	161	28.6	55.0	TD46
50	50	53	1.65	64.0	192	35.5	68.0	TD47
<b>ASME BPE</b>								
8	¾"	9.53	0.89	25.0	89	9.6	18.6	TG01
8	½"	12.7	1.65	25.0	89	9.6	18.6	TG02
15	¾"	19.05	1.65	25.0	102	13.5	23.0	TG03
20	¾"	19.05	1.65	25.0	117	18.0	25.0	TG03
25	1"	25.4	1.65	50.5	114	18.0	40.0	TG04
40	1½"	38.1	1.65	50.5	140	28.6	55.0	TG05
50	2"	50.8	1.65	64.0	159	35.5	68.0	TG06
50	2½"	63.5	1.65	77.5	190	35.5	68.0	TG07
65	2½"	63.5	1.65	77.5	249.2	43.0	82.0	TG07
80	3"	76.2	1.65	91	306.2	51.0	101.0	TG08
100	4"	101.6	2.11	119	352.2	63.5	123.5	TG09
<b>BS 4825: Clamp BS 4825 - 3 / pipe BS 4825 - 1</b>								
8	15	12.7	1.2	25	89	9.6	18.9	TH42
15	20	19.05	1.2	25	102	13.5	25.0	TH43
25	25	25.4	1.65	50.5	114	20.0	39.0	TG04
40	40	38.1	1.65	50.5	140	28.6	55.0	TG05
50	50	50.8	1.65	64.0	159	35.5	68.0	TG06
50	65	63.5	1.65	77.5	190	35.5	68.0	TG07
<b>Clamp 34.0 similar to DIN 32676 series B (ISO pipe)</b>								
15	15	21.3	1.6	34	110	13.5	25.0	TC42

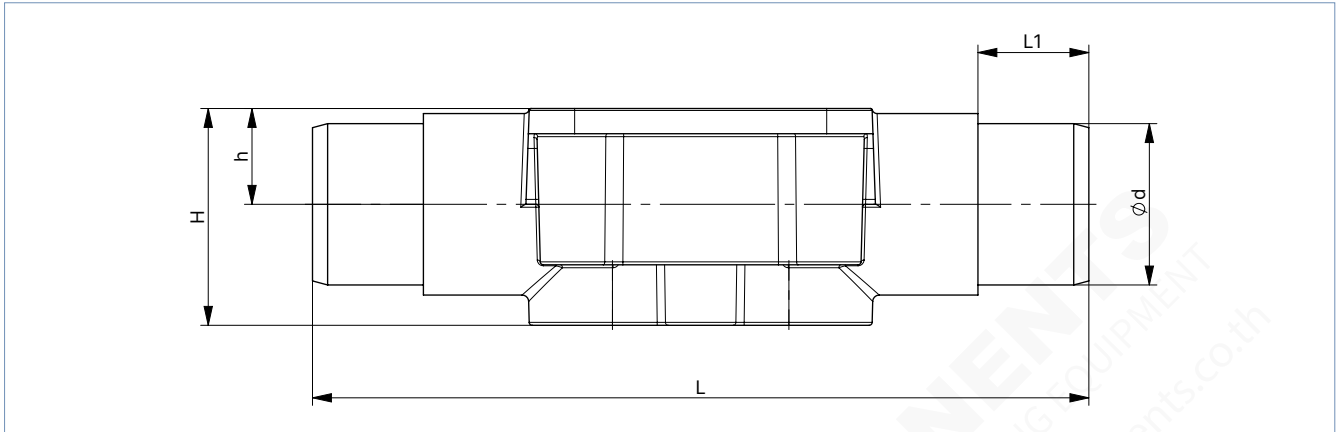
1.) This information is part of the product key (see "8.3. Bürkert Product Enquiry Form" on page 29).

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4.10. Plastic valve body (PV, PP, PD) with spigot connection

Note:

Dimensions in mm, unless otherwise stated



Diaphragm size	Ød	Wall thickness	h	H	L	L1	Product key <sup>1)</sup>
<b>PVC-U (PV)</b>							
15	20	2.5	12	29	125	16	KS25
20	25	2.5	17	36	145	19	KS26
25	32	3.5	19	43	155	22	KS27
32	40	4	25	53	175	26	KS28
40	50	5	29	66	194	31	KS29
50	63	6.5	36	79	224	44	KS30
<b>PVDF (PD)</b>							
15	20	2.5	12	29	123	16	SS25
20	25	2.5	17	36	143	19	SS26
25	32	3.5	19	43	154	22	SS27
32	40	4	25	52	173	26	SS28
40	50	5	29	66	194	31	SS29
50	63	6.5	36	79	224	44	SS30
<b>PP (PP)</b>							
15	20	2.5	12	29	124	16	SS25
20	25	2.5	17	36	144	19	SS26
25	32	3.5	19	43	155	22	SS27
32	40	4	25	52	174	26	SS28
40	50	5	29	66	194	31	SS29
50	63	6.5	36	79	224	44	SS30

1.) This information is part of the product key (see "8.3. Bürkert Product Enquiry Form" on page 29).

2.) The specified values refer to the new plastic body. The previous enclosures (REV1) may differ slightly from the new dimensions.

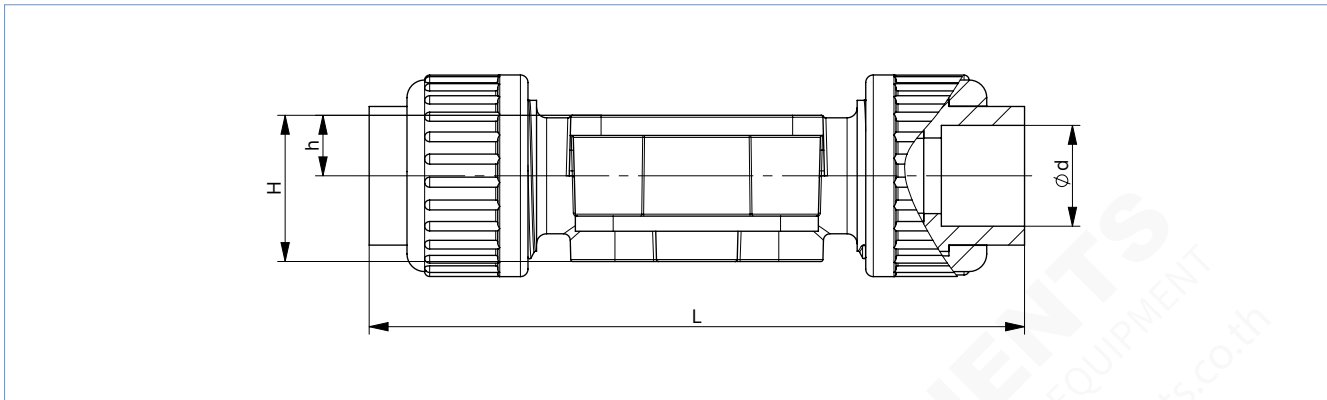
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4.11. Plastic valve body (PW, PV, PP, PD) with true union

Note:

Dimensions in mm, unless otherwise stated



Diaphragm size	L	h	H	Ø d	Product key <sup>1)</sup>
<b>PVC-C (PW)</b>					
15	128	12	29	20	KM25
20	152	17	36	25	KM26
25	166	19	43	32	KM27
32	192	25	53	40	KM28
40	222	29	66	50	KM29
50	266	36	79	63	KM30
<b>PVC-U (PV)</b>					
15	128	12	29	20	KM25
20	152	17	36	25	KM26
25	167	19	43	32	KM27
32	192	25	53	40	KM28
40	223	29	66	50	KM29
50	266	36	79	63	KM30
<b>PVDF (PD)</b>					
15	127	12	29	20	SM25
20	151	17	36	25	SM26
25	166	19	43	32	SM27
32	192	25	52	40	SM28
40	221	29	66	50	SM29
50	264	36	79	63	SM30
<b>PP (PP)</b>					
15	125	12	29	20	SM25
20	145	17	36	25	SM26
25	158	19	43	32	SM27
32	181	25	52	40	SM28
40	208	29	66	50	SM29
50	245	36	79	63	SM30

1.) This information is part of the product key (see "8.3. Bürkert Product Enquiry Form" on page 29).

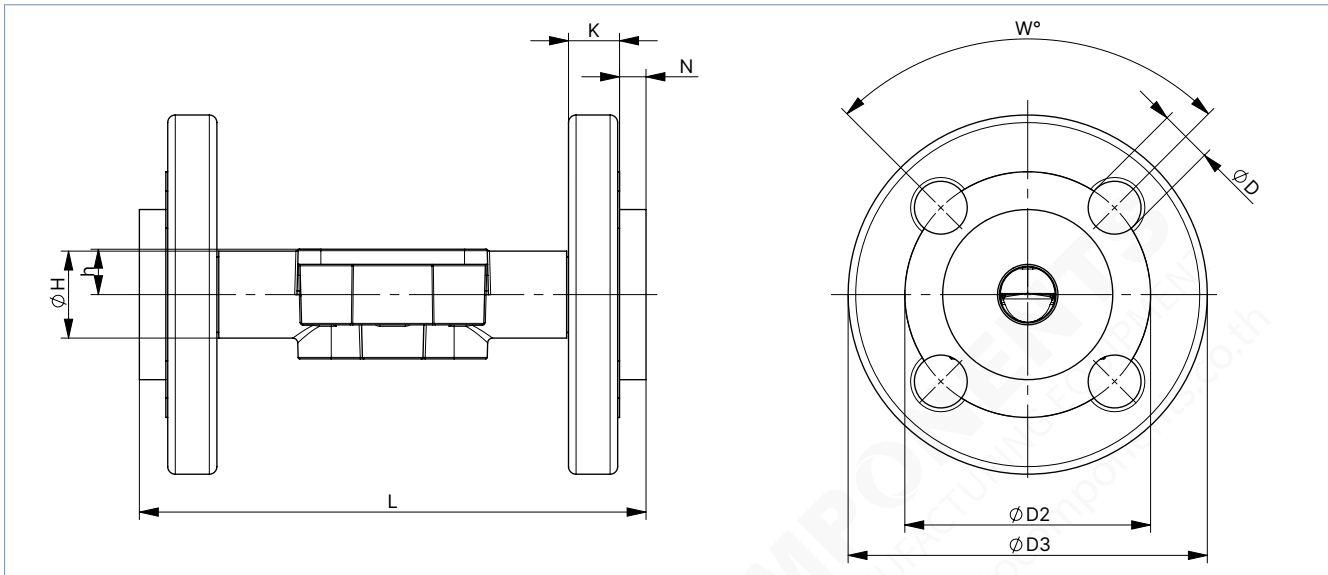
2.) The specified values refer to the new plastic body. The previous enclosures (REV1) may differ slightly from the new dimensions.

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4.12. Plastic valve body (PV, PP, PD) with flange connection

Note:

Dimensions in mm, unless otherwise stated



Diaphragm size	L	ØD2	ØD3	K	H	h	ØD	W	N	Product key <sup>1)</sup>
<b>PVC-U (PV)</b>										
15	131	65.5	96	12	29	12	14	4 × 90	5.9	FL24
20	151	75	105	14	36	17	14	4 × 90	6.9	FL25
25	161	85	115	15	43	19	14	4 × 90	6.9	FL26
32	181	100	140	17	53	25	18	4 × 90	7.9	FL27
40	200	110	150	17	66	29	18	4 × 90	8	FL28
50	230	125	165	18	79	36	18	4 × 90	9	FL29
65	290	145	185	19	92	47	18	4 × 90	10	FL30
80	310	160	200	36	107	50	18	8 × 45	-	FF31
100	350	180	225	35	134.5	65.5	18	8 × 45	-	FF32
<b>PVDF (PD)</b>										
15	129	65.5	96	12	29	12	14	4 × 90	5.9	FL24
20	149	75	105	14	36	17	14	4 × 90	6.9	FL25
25	160	85	115	15	43	19	14	4 × 90	6.9	FL26
32	179	100	140	17	52	25	18	4 × 90	7.9	FL27
40	200	110	150	17	65	29	18	4 × 90	8	FL28
50	230	125	165	18	79	36	18	4 × 90	9	FL29
65	290	145	185	19	92	47	18	4 × 90	10	FL30
80	310	160	200	36	107	50	18	8 × 45	-	FF31
100	350	180	225	35	134.5	65.5	18	8 × 45	-	FF32
<b>PP (PP)</b>										
15	130	65.5	96	12	29	12	14	4 × 90	5.9	FL24
20	150	75	105	14	36	17	14	4 × 90	6.9	FL25
25	161	85	115	15	43	19	14	4 × 90	6.9	FL26
32	180	100	140	17	52	25	18	4 × 90	7.9	FL27
40	200	110	150	17	66	29	18	4 × 90	8	FL28
50	230	125	165	18	79	36	18	4 × 90	9	FL29
65	290	145	185	19	92	47	18	4 × 90	10	FL30
80	310	160	200	36	107	50	18	8 × 45	-	FF31
100	350	180	225	35	134.5	65.5	18	8 × 45	-	FF32

1.) This information is part of the product key (see "8.3. Bürkert Product Enquiry Form" on page 29).

2.) The specified values refer to the new plastic body. The previous enclosures (REV1) may differ slightly from the new dimensions.

## 5. Performance specifications

### 5.1. Flow characteristics

#### Note:

- The  $K_v$  values may vary slightly with different actuator sizes and diaphragm materials.
- More  $K_v$  values are available on request.
- Flow rate:  $K_v$  value water (m<sup>3</sup>/h) for elastomer diaphragm
- Measurement at + 20 °C, 4 bar at valve inlet and 3 bar at valve outlet

#### Forged steel valve body (VS)

Diaphragm size	Port connection		$K_v$ value [m <sup>3</sup> /h]					
			DIN EN ISO 1127 ISO 4200 DIN 11866 series B	DIN 11850 - 2 DIN 11866 series A DIN EN 10357 series A	ASME BPE DIN 11866 series C	DIN 11850 series O	BS4825	SMS3008
DN	[mm]	[inch]	[m <sup>3</sup> /h]	[m <sup>3</sup> /h]	[m <sup>3</sup> /h]	[m <sup>3</sup> /h]	[m <sup>3</sup> /h]	[m <sup>3</sup> /h]
8	6	1/8"	–	–	–	1.1	–	–
8	8	1/4"	1.5	–	0.7	1.7	0.5	–
8	10	3/8"	1.5	1.5	1.6	–	1.4	–
8	15	1/2"	–	–	1.5	–	–	–
15	10	3/8"	5.5	3.5	–	–	–	–
15	15	1/2"	6.5	6.5	3.1	–	3.7	–
15	20	3/4"	–	–	6.5	–	–	–
20	20	3/4"	12.5	12.4	8.4	–	8.9	–
25	25	1"	18	20	15.5	–	15.5	16
40	32	1 1/4"	–	34	–	–	–	–
40	40	1 1/2"	41	40	37	–	37	38
50	50	2"	66	66	66	–	66	66
50	65	2 1/2"	–	–	66	–	66	66
65	65	2 1/2"	110	–	110	–	–	–
80	80	3"	160	160	160	–	–	–
100	100	4"	235	235	235	–	–	–

#### Tube valve body (VP)

Diaphragm size	Port connection		$K_v$ value [m <sup>3</sup> /h]		
			DIN EN ISO 1127 ISO 4200 DIN 11866 series B	DIN 11850 - 2 DIN 11866 series A DIN EN 10357 series A	ASME BPE DIN 11866 series C
DN	[mm]	[inch]	[m <sup>3</sup> /h]	[m <sup>3</sup> /h]	[m <sup>3</sup> /h]
8	8	1/4"	1.9	–	–
8	10	3/8"	–	1.9	–
8	15	1/2"	–	–	1.8
15	10	3/8"	–	–	7.1
15	15	1/2"	7.2	7.4	–
15	20	3/4"	–	7.4	–
20	20	3/4"	13.5	–	–
20	25	1"	–	14.9	12.8
25	32	1 1/4"	–	22.3	–
25	25	1"	20.8	–	–
32	40	1 1/2"	–	34.8	31
40	40	1 1/2"	47.9	–	–
40	50	2"	–	46.2	43
50	50	2"	69.7	–	–
65	80	3"	–	–	75
80	100	4"	–	–	145

**Cast valve body (VG)**

Diaphragm size DN	Port connection		K <sub>v</sub> value [m <sup>3</sup> /h]
	[mm]	[inch]	
8	8	¼"	1
15	15	½"	5.6
20	20	¾"	10.7
25	25	1"	14.6
40	40	1½"	35
50	50	2"	47
65	65	2½"	110
80	80	3"	130
100	100	4"	150

**Plastic valve body (PW, PV, PP, PD)**

Diaphragm size DN	Seal material	Port connection		K <sub>v</sub> value	
		[mm]	[Zoll]	Previous plastic valve body Product key REV1 [m <sup>3</sup> /h]	New plastic valve body
15	EPDM	15	½"	3	8.1
	PTFE/EPDM				7.5
20	EPDM	20	¾"	7	14.1
	PTFE/EPDM				13.1
25	EPDM	25	1"	11.4	25.5
	PTFE/EPDM				21.5
32	EPDM	32	1¼"	17	38.5
	PTFE/EPDM				37.5
40	EPDM	40	1½"	24.5	57
	PTFE/EPDM				56
50	EPDM	50	2"	41.5	92
	PTFE/EPDM				92
65	EPDM	65	2½"	60	-
	PTFE/EPDM				-
80	EPDM	80	3"	105	-
	PTFE/EPDM				-
100	EPDM	100	4"	154	-
	PTFE/EPDM				-

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## 5.2. Medium pressure

### Information for control function A

**Note:**

- For low operating pressures, optional variants with reduced spring force (EC04) are recommended.
- Pressure data [bar]: overpressure to atmospheric pressure. The valve closes dynamically against maximum operating pressure.
- Information for control function B and I is available on request.

Diaphragm size	Actuator size Ø	Pilot pressure	Maximum operating pressure for seal material	
			EPDM, FKM	PTFE/EPDM, advanced PTFE/EPDM, laminate of GYLON® and EPDM
DN	[mm]	[bar]	[bar]	[bar]
8	40 (C)	5.0...7	10	10
15	50 (D)	5.0...7	8.5	–
	63 (E)	5.0...7	10	10
20	63 (E)	5.5...7	10	5
	80 (F)	5.0...7	10	10
25	80 (F)	5.5...7	10	7.5
32	100 (G)	5.5...7	10	8
40	100 (G)	5.5...7	6.5	6 <sup>1.)</sup>
	125 (H)	5.5...7	10	10
50	125 (H)	5.5...7	8	7
65	175 (K)	5.0...6	8	5
80	175 (K)	5.0...6	5	3 <sup>3.)</sup>
	225 (L)	5.0...6	10	7 <sup>2.)</sup>
100	225 (L)	5.0...6	8	4

1.) The maximum operating pressure to laminate of GYLON® and EPDM is 4 bar.  
 2.) The maximum operating pressure to laminate of GYLON® and EPDM is 8.5 bar.  
 3.) The tightness value only applies to laminate of GYLON® and EPDM (ER diaphragm), otherwise 0 bar for PTFE/EPDM and advanced PTFE/EPDM (EA and EU diaphragm).

## 6. Product accessories

Electric position feedback indicator	
Type 8697 ▶ Actuator size Ø 40...225 mm	
	<p>The position feedback Type 8697 is designed for integrated mounting on CLASSIC series 20XX process valves, suiting the requirements of hygienic process environments. Mechanical or inductive limit switches register the position of the valve.</p> <p><b>Features</b></p> <ul style="list-style-type: none"> <li>• Compact design</li> <li>• LED position indicator</li> <li>• Mechanical or inductive limit switches for end position registering</li> <li>• Easy-to-clean clean chemically resistant housing featuring IP65/IP67, 4X Rating</li> <li>• Optionally intrinsically safe variant according to IECEx</li> </ul> <p><b>Customer benefits</b></p> <ul style="list-style-type: none"> <li>• Easy and quick installation</li> <li>• High level of signal reliability thanks to self-adjusting limit switches</li> <li>• Minimised space requirement in the plant piping for more flexibility in plant design</li> </ul>

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## 7. Networking and combination with other Bürkert products

**Note:**

The **On/Off CLASSIC valve system Type 8801-DA (alternatively 8801-DB)** consists of a **diaphragm valve Type 2030 (alternatively Type 2031)** and a **position feedback Type 8697**.

You order two components and receive a completely assembled and tested valve.

**Example:**



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FACTOCOMPONENTS  
INDUSTRIAL SUPPLIES AND MATERIALS EQUIPMENT  
02-384-6060 | info@factocomponents.co.th | www.factocomponents.co.th

## 8. Ordering information

### 8.1. Bürkert eShop



#### Bürkert eShop – Easy ordering and quick delivery

You want to find your desired Bürkert product or spare part quickly and order directly? Our online shop is available for you 24/7. Sign up and enjoy all the benefits.

[Order online now](#)

### 8.2. Bürkert product filter



#### Bürkert product filter – Get quickly to the right product

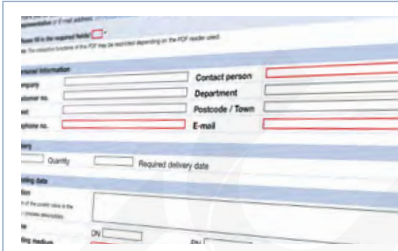
You want to select products comfortably based on your technical requirements? Use the Bürkert product filter and find suitable articles for your application quickly and easily.

[Try out our product filter](#)

### 8.3. Bürkert Product Enquiry Form

**Note:**

Please see our Product Enquiry Form for a full explanation of our specification key.



#### Bürkert Product Enquiry Form – Your enquiry quickly and compactly

Would you like to make a specific product enquiry based on your technical requirements? Use our Product Enquiry Form for this purpose. There you will find all the relevant information for your Bürkert contact. This will enable us to provide you with the best possible advice.

[Fill out the form now](#)

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