

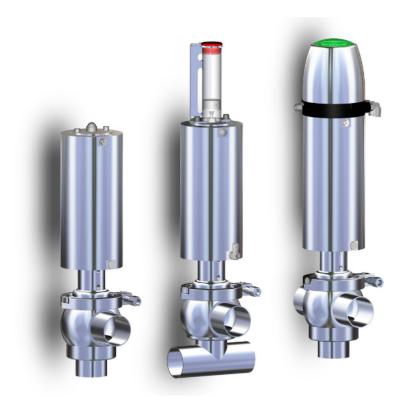
Translation of the original

Operating Instructions

KI-DS Overflow valve

Type 557x

KI-DS Angle valve 5571 KI-DS T-valve 5572 KI-DS Cross valve 5573 KI-DS Loop valve 5575



ENGLISH EN

KIESELMANN GmbH

Paul-Kieselmann-Str. 4-10 D - 75438 Knittlingen

Table of contents 1.3 Personnel 4 14 2 Safety instructions 6 Intended use 6 General notes 6 Transport 8 Storage 8 Specification 9 Description of function 11 6.1.2 6.1.3 Cleaning 15 Assembly 20

1 General informations

1.1 Informations for your safety

We are pleased that you have decided for a high-class KIESELMANN product. With correct application and adequate maintenance, our products provide long time and reliable operation.

Before installation and initiation, please carefully read this instruction manual and the security advices contained in it. This guarantees reliable and safe operation of this product and your plant respectively. Please note that an incorrect application of the process components may lead to great material damages and personal injury.

In case of damages caused by non observance of this instruction manual, incorrect initiation, handling or external interference, guarantee and warranty will lapse!

Our products are produced, mounted and tested with high diligence. However, if there is still a reason for complaint, we will naturally try to give you entire satisfaction within the scope of our warranty. We will be at your disposal also after expiration of the warranty. In addition, you will also find all necessary instructions and spare part data for maintenance in this instruction manual. If you don't want to carry out the maintenance by yourself, our KIESELMANN - service team will naturally be at your disposal.

1.2 Marking of security instructions

Hints are available in the chapter "safety instructions" or directly before the respective operation instruction. The hints are highlighted with a danger symbol and a signal word. Texts beside these symbols have to be read and adhered to by all means. Please continue with the text and with the handling at the valve only afterwards.

Symbol	Signal word	Meaning
	DANGER	Imminent danger which will result severe personal injury or death.
	WARNING	Imminent danger which may result severe personal injury or death.
	CAUTION	Dangerous situation which may cause slight personal injury or material damages.
	NOTICE	An harmful situation which may result in damages of the product itself or of adjacent vicinity.
1	INFORMATION	Marks application hints and other information which is particularly useful.

1.3 General designated use

The fitting is designed exclusively for the purposes described below. Using the fitting for purposes other than those mentioned is considered contrary to its designated use. KIESELMANN cannot be held liable for any damage resulting from such use. The risk of such misuse lies entirely with the user. The prerequisite for the reliable and safe operation of the fitting is proper transportation and storage as well as competent installation and assembly. Operating the fitting within the limits of its designated use also involves observing the operating, inspection and maintenance instructions.

1.4 Personnel

Personnel entrusted with the operation and maintenance of the tank safety system must have the suitable qualification to carry out their tasks. They must be informed about possible dangers and must understand and observe the safety instructions given in the relevant manual. Only allow qualified personnel to make electrical connections.

1.5 Modifications, spare parts, accessories

Unauthorized modifications, additions or conversions which affect the safety of the fitting are not permitted. Safety devices must not be bypassed, removed or made inactive. Only use original spare parts and accessories recommended by the manufacturer.

1.6 General instructions

The user is obliged to operate the fitting only when it is in good working order. In addition to the instructions given in the operating manual, please observe the relevant accident prevention regulations, generally accepted safety regulations, regulations effective in the country of installation, working and safety instructions effective in the user's plant.

557x_EN_2023 5 / 28

2 Safety instructions

2.1 Intended use

The overflow valve is used to set the liquid pressure in a section of a closed circular pipeline, in tanks and vessels in plants of the food and drink industry, pharmaceutical and chemical industries as well as in biotechnology.

2.2 General notes



NOTICE - observe the operating instructions

To avoid danger and damage, the fitting must be used in accordance with the safety instructions and technical data contained in the operating instructions.



NOTICE

All data are in line with the current state of development. Subject to change as a result of technical progress.

2.3 General safety instructions



MARNING

Risk of injury by moving parts

Do not grab into the valve when the actuator is pressurized. Limbs can be crushing or amputating.

- Remove the control air line before dismantling.
- Ensure that the actuator is unpressurized.



⚠ WARNING

Risk of injury by outflowing medium

Dismantling the valve or valve assemblies from the plant can cause injuries.

- Medias flowing through the leakage drain outlet are to be drained off without splashing into a discharge arrangement.
- Carry the disassembling only if when the plant has been rendered pressure-less and free of liquid and gas.



⚠ WARNING

ATEX - Guidelines

If the valve or the plant is operated in a potentially explosive atmosphere, the valid ATEX directive of the EC and the installation instructions in this operating manual must be observed.



A CAUTION

When mounting the clamps, the max. torque must not be exceeded.

(see technical data)



A CAUTION

To avoid air leaking, only use pneumatic connection parts that have an O-ring seal facing the even surface.



A CAUTION

Before starting the system, the entire pipeline system must be thoroughly cleaned.



A CAUTION

Steps should be taken to ensure that no external forces are exerted on the fitting.

557x_EN_2023 7 / 28

3 Delivery, transport and storage

3.1 Delivery

- · Immediately after receipt check the delivery for completeness and transport damages.
- · Remove the packaging from the product.
- · Retain packaging material, or expose of according to local regulations.

3.2 Transport



A CAUTION

Risk of injury and damage to the product

During the transport the generally acknowledged rules of technology, the national accident prevention regulations and company internal work and safety regulations must be observed.

3.3 Storage



NOTICE

Damage to the product due to improper storage!

Observe storage instructions avoid a prolonged storage



INFORMATION

Recommendation for longer storage

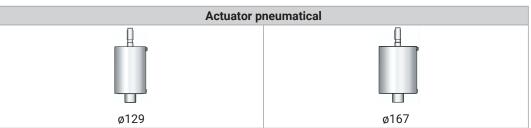
We recommend regularly checking the product and the prevailing storage conditions during long storage times.

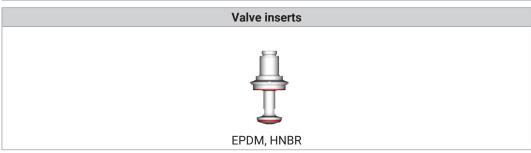
- · To avoid damage to seals and bearings,
 - products up to DN 125 / OD 5 inch should be stored horizontally for maximum 6 months.
 - products larger than DN 125 / 5 inch, should be stored in the upright position with the actuator on top.
- · Don't store any objects on the products.
- · Protect the products for wetness, dust and dirt.
- The product should be stored in a dry and well ventilated room at a constant temperature (optimal indoor temperature: 25 C ±5; indoor humidity data 70% ±5%).
- Protect seals, bearings and plastic parts for UV light and ozone.

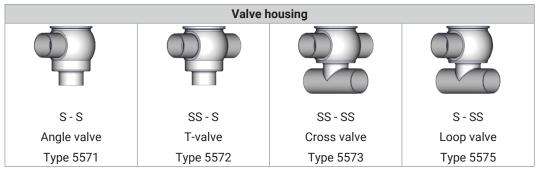
4 Specification

4.1 Modular system



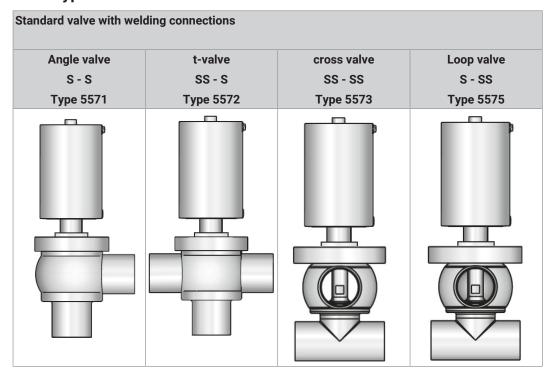






557x_EN_2023 9 / 28

4.2 Valve types



5 Function and operation

5.1 Description of function

The overflow valve is used to relieve pressure in plants or vessels event of impermissible pressures of liquid media. The leaking medium can be discharged controlled to the atmosphere or can be fed back into a closed system or forwarded.

5.1.1 Adjusting range / Actuator type

There are two types of actuator (Ø 104 mm and Ø 167 mm) available for overflow valves type 557x. Both drive types are equipped with different pressure springs. A total of 5 different drive variables are obtained which are used depending on the nominal width for the appropriate setting ranges.

Nominal size	Adjusting range	Act	uator Type Ø	104	Actuator 7	Гуре Ø167
	[bar]	No. 1	No. 3	No. 4	No. 6	No. 8
DN 25	0,5 - 5,0	X				
1"	3,0 - 10,0		Х			
	7,0 - 14,0			X		
DN 40	0,5 - 5,0	Х				
1½"	3,0 - 10,0		Х			
	7,0 - 14,0			X		
DN 50	0,5 - 7,0		Х			
2"	3,0 - 10,0			Х		
	9,0 - 15,0					Х
DN 65	0,5 - 4,0		Χ			
2½"	2,0 - 6,5				Х	
	7,0 - 15,0					Х
DN 80	0,5 - 3,0		Χ			
3"	2,0 - 5,5				Х	
	4,0 - 10,5					Х
DN 100	0,5 - 4,0				Х	
4"	3,0 - 7,0					X

5.2 Opening & closing characteristics

· Opening and closing characteristics for liquids (water) 20°C

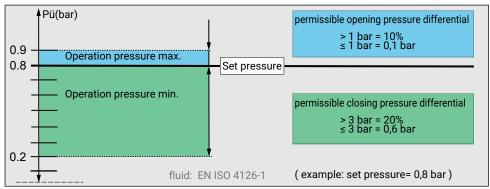


Fig. 1

557x_EN_2023 11 / 28

5.3 Control system and position indicator



Feedback unit -optional-

Optionally, modular valve control head systems can be installed to the actuator for reading and actuating valve positions. The standard version is a closed system with SPS or ASI-bus switch-on electronics, and integrated 3/2-way solenoid valves. For tough operating conditions we recommend employing a high-grade steel cover.



Feedback unit with finger guard -optional-

For the acquisition of the valve positions over inductive initiators (Sensors), a feedback unit is mounted on the actuation. The enquiry takes place over the position of the piston rod.

5.4 Pneumatic valve activation

Valve function	Pneum. activation	Pneum. activation		
	via control head with	via external solenoid valves		
	solenoid valves (MV)	(MV external)		
Valve OPEN	control air feed	control air feed		
by pressurised air	P → MV1 → P1/LA2	ext. MV → LA2		
Valve CLOSED	de-aeration	de-aeration		
by spring tension	LA2/P1 → MV1 → R	LA2 → ext. MV		

	Control Head	external
	with solenoid valve	pneum. activation
D = De-aeration	MV1	
E = mounting kit for feedback unit		
LA = air supply	R P3 P	Si
MV = solenoid valve		
P = compressed-air inlet (control unit)	P1 D	D
R = de-aeration, sound absorber		
S = Slide switch, manual operation of solenoid valve	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Si = Sensors M12x1	LA2	LA2

5.5 Pressure setting

Adjustment of the set pressure

The adjustment of the set pressure, respectively the opening pressure difference is done by turning the hexagon head (SW14) of the adjusting rod (13). Since the adjusting rod (13) is not directly connected to obturator the adjustment can be done very easily during regular operation.

The setting will be locked by assembling the locking disc (10).



NOTICE

All threaded joint have right-hand thread.

Unscrew and remove control air, steam resp. cleaning lines and electrical lines, complete feedback unit or control head.

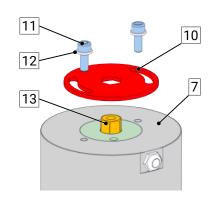
- Unscrew the screws (11) and remove the locking disc (10).
- Adjust the set pressure using the hexagon head (SW14) of the adjusting rod (13).

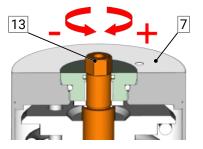


- turn the hexagon head (13) clockwise (+)

Reduce spring tension

- turn the hexagon head (13) counterclockwise
 (-)
- · Assemble the locking disc (10) to lock the setting.



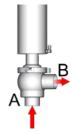


557x_EN_2023 13 / 28

6 Commissioning, service and maintenance

6.1 Commissioning

6.1.1 Installation instructions



Fitting position

The valve must be installed vertically with the actuator at the upwards. Liquid must be able to flow freely from the valve housing.

Valves with a set pressure

of 0.5 bar are generally installed vertically.

6.1.2 General welding guidelines

Sealing elements integrated in weld components must generally be removed prior to welding. To prevent damage, welding should be undertaken by certified personnel (EN ISO 9606-1). Use the TIG (Tungsten Inert Gas) welding process.



⚠ CAUTION

Damage and injuries due to high temperature supply

To avoid a distortion of the components, all welding parts must be welded to stress-relieved. Allow all components to cool before assembling.



NOTICE

Damage due to impurities

Impurities can cause damage to the seals and seals area.

Clean inside areas prior to assembly.

6.1.3 Use in EX area

For valves or plants/installations that are operated in the ATEX area, sufficient bonding (grounding) must be ensured. (see e.g. ATEX Directives EC; UKSI 696:2019-Schedule 25)

6.2 Service



RECOMMENDATION

Replacement of seals

To achieve optimal maintenance cycles, the following points must be observed!

- When replacement of seals, all product-contacting seals should be replaced.
- Only original spare parts may be installed.

Maintenance interval

The maintenance intervals depend on the operating conditions "temperature, temperature-intervals, medium, cleaning medium, pressure and opening frequency". We recommend replacing the seals 1-year cycle. The user, however should establish appropriate maintenance intervals according to the condition of the seals.

Lubricant recommendation



EPDM; HNBR; NBR; FKM; k-flex	-	Klüber Paraliq GTE703*
Silicone	-	Klüber Sintheso pro AA2*
Thread	-	Interflon Food*
*) It is only permitted to use approved by	hric	eants if the respective fitting is used for the produc-

*) It is only permitted to use approved lubricants, if the respective fitting is used for the production of food or drink. Please observe the relevant safety data sheets of the manufacturers of lubricants.

Maintenance - Lift actuator

The actuator is maintenance-free and non-removable.

6.3 Cleaning

Cleaning

Ideally, cleaning is carried out with pipe system cleaning when the valve is open.

557x_EN_2023 15 / 28

7 Technical data

Model

Overflow valve spring close

- · pneumatic lifting
- · optional with feedback unit

Valve type

Type 5571 Angle valve

Type 5572 T-valve

Type 5573 Cross valve

Type 5575 Loop valve

Size DN25 - DN100

OD 1 Inch - OD 4 Inch

Connection type

Welding end EN 10357, Series A

DIN 11866, serie C

Liner connection DIN 11851
Threaded piece DIN 11851

Temperature range

Ambient temperature:

+4° to +45°C

(air)

Operating temperature:

+0° to +95°C

(depends on medium)

Sterilisation temperature: EPDM +140°C (SIP 30 min) HNBR +120°C

FKM +140°C

Leakage rate Control air pressure Quality of control air: A (EN 12266-1) 5,5 - 8,0 bar

ISO 8573-1:2010 [3:(≤5 µm):4:4]

Nominal pressure

PN 16

Set pressure

DN 25 / 1" = 0,5 - 14,0 bar

DN 65 / 2½" = 0,5 - 15,0 bar

DN $40 / 1\frac{1}{2}$ " = 0,5 - 14,0 bar DN 50 / 2" = 0,5 - 15,0 bar DN 80 / 3" = 0,5 - 10,5 bar DN100 / 4" = 0,5 - 7,0 bar

Material (in contact with product)

Stainless steel:

1.4301 / AISI 304 1.4404 / AISI 316L

Surface: Ra \leq 0,8 μ m, e-polished

Sealing material:

EPDM (FDA)

HNBR (FDA) FKM (FDA)

Torque: clamp coupling

DN	25	40	50	65	80	100
Inch	1	1½	2	2½	3	4
Torque [Nm]	15	15	15	25	25	55

8 Disassembly and assembly

8.1 Disassembly

Assembly Tools

Item	Figure	Designation		Article number
T1	3	Combination wrench-Set	SW 8 - SW 24	-
T2		Allen key - Set	1.5 - 10	-
T10		Joint -pin wrench	Pin Ø6	8027000065-000
T11		Hinged hook wrench	DN25 - DN100	8028025100-020
			90/155 V2A	
T12a		Articulated face wrench	40-80mm, Pin Ø6	8028340080-000



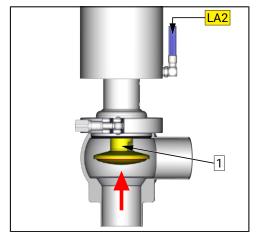
NOTICE

All threaded joint have right-hand thread.

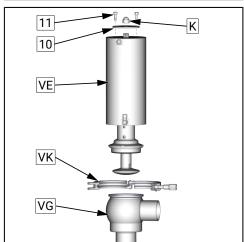
Unscrew and remove control air, steam resp. cleaning lines and electrical lines, complete feedback unit or control head.

Assembly valve insert

- Connect compressed air to LA2 and pressurize the actuator with air.
 - The piston (1) retracts.



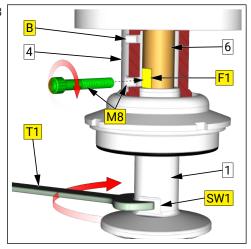
- Unscrew the clamp coupling (VK).
 Dismount the valve insert (VE) out of the housing (VG).
- Disconnect compressed air at air supply LA2.
 - The piston (1) returns to the basic position.
- · Remove cap (K).
- Unscrew the screw (11) and remove the locking disc (10).



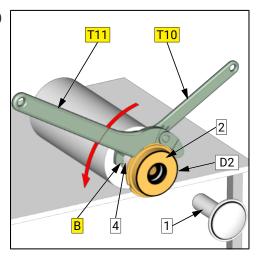
557x_EN_2023 17 / 28

Replacement of seals - in product contact

- Fix the piston rod (6). For this, screw a screw M8 into the lantern (4) as far as the surface (F1).
 - Unscrew the piston (1) with a wrench via spanner flat (SW1).



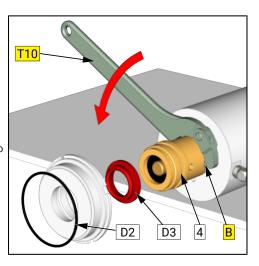
Unscrew with a hook wrench (T11) the insert (2) from the lantern (4). For this, holding on the lantern with a pin wrench T10 at bore (B).



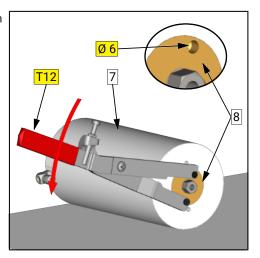
- Remove O-ring (2) and seal (D3).
- Unscrew the lantern (4) from the actuator (7) with a pin wrench T10 at bore (B) and remove it from piston rod (6).
- · Remove the O-rings (D4) and (D5).

NOTICE!

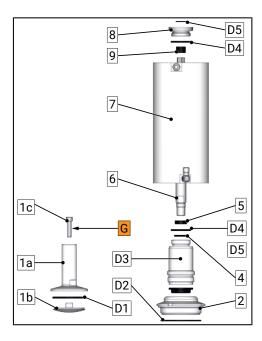
The bearing bushes (3) and (5) and the O-rings (D4) and (D5) do not need to be removed for a product-contacted seal change. The positions are not included in the seal set. If they are worn,please order them (see wearing parts kit).



- Unscrew the insert (8) from the actuator (7) with a pin type face spanner T12.
- Remove the O-rings (D4) and (D5).



Unscrew the screw (1c) from actuator (1a). Remove the plate (1b) nd O-ring (D1) from piston (1a).



557x_EN_2023 19 / 28

8.2 Assembly

Before installation, thoroughly clean and slightly lubricate mounting areas and running surfaces.



NOTICE

Mount the threaded connection (G) with Screw retention detachable (e.g. Loctite 243).

- · Assemble in reverse order.
- · Check the function according to the specified performance data in the operating state.



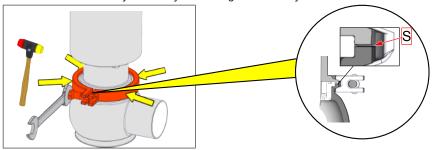
NOTICE

During assembly, the following points must be observed!

Carefully fit in the complete valve insert into the casing. When fitting the valve insert and running surfaces onto the piston, do not damage.

Mounting clamp coupling

- For mounting the clamp coupling, please note that it continuously fits form locking to the inclinations of the casing and the lantern/casing bottom.
- The centring of the retaining clamp during tightening can be accomplished with a slight beat (please use a soft-head hammer) on the extent of the retaining clamp.
- When tightening the clamp coupling, please pay attention to the turning moment and the gap size 'S' (\leq 0,4mm) between the components.
- Check valve functions by manually activating the 3/2-way solenoid valves after assembly!

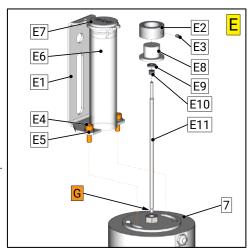


Torque: clamp coupling

DN	25	40	50	65	80	100
Inch	1	1½	2	21/2	3	4
Torque [Nm]	15	15	15	25	25	55

Assembly - Feedback unit (E)

- · Unscrew the screws (E4).
- Remove the bracket (E1) complete with cover (E7) and sleeve (E6).
- Unscrew switch shaft (E11) complete with (E2), (E3), (E8), (E9) and (E10) from actuator (7).
- · Loosen the set screw (E3) from switch cam (E2).
- · Remove switch cam (E2) from adapter (E8).



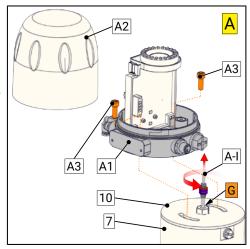


NOTICE

Mount the threaded connection (G) with Screw retention detachable (e.g. Loctite 243).

Assemble - Control head (A)

- · Remove the cover (A2) (bayonet lock).
- · Unscrew screws (A3).
- Remove the control head housing (A1) complete with attachments.
- · Remove locking disc (10).
- Unsrew the pulse generator (A-I) complete from actuator (7).





NOTICE

Mount the threaded connection (G) with Screw retention detachable (e.g. Loctite 243) .

557x_EN_2023 21 / 28

9 Drawings and dimensions

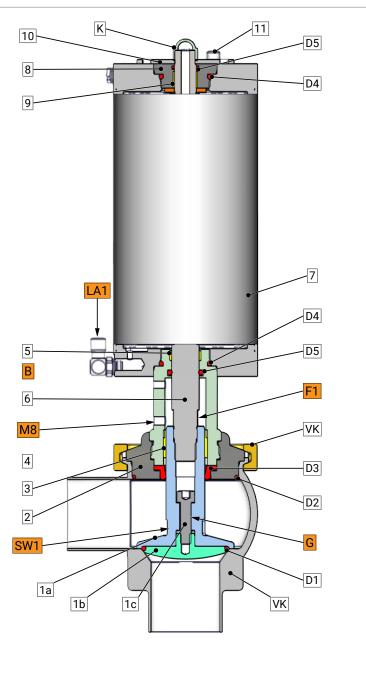
9.1 Drawings

Standard valve - Angle version

- 1a = Piston
- 1b = Piston plate
- 1c = Screw
- 2 = Insert
- 3 = Bearing bush
- 4 = Lantern
- 5 = Bearing bush
- 6 = Piston rod
- 7 = Actuator
- 8 = Insert lantern
- 9 = Bearing bush
- 10 = Locking disc
- 11 = Screws

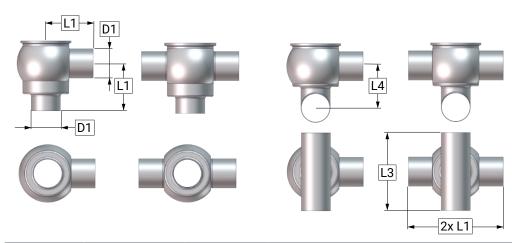
seals

- D1 = 0-ring
- D2 = 0-ring
- D3 = Shaft seal
- D4 = 0-ring
- D5 = 0-ring
- B = Hole
- K = Cap
- F1 = Flat
- G = Thread connection secure
- with threaded connection "removable"
- (e.g. Loctite 243)
- LA1 = Air supply (stroke)
- M8 = Thread M8
- SW = Wrench size
- VG = Angle Valve housing
- VK = Clamp coupling



9.2 Dimensions



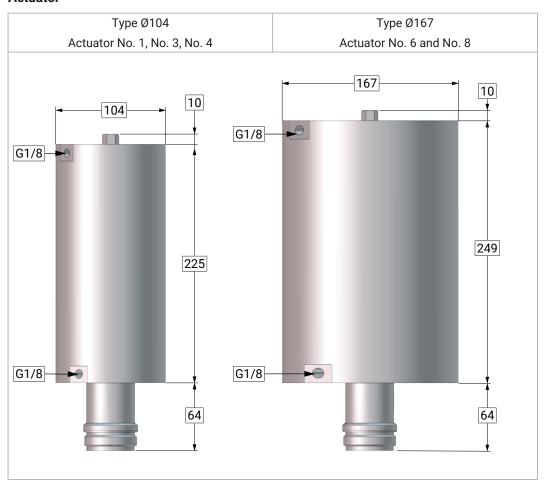


Nominal size	Adjusting range	Actuator	Dimension						
	[bar]	D2	D1	L1	L2	L3	L4		
DN 25	0,5 - 5,0	Ø104							
	3,0 - 10,0	Ø104	Ø 29 x 1,5	75	333	100	57		
	7,0 - 14,0	Ø104							
DN 40	0,5 - 5,0	Ø104							
	3,0 - 10,0	Ø104	Ø 41 x 1,5	85	328	120	66		
	7,0 - 14,0	Ø104							
DN 50	0,5 - 7,0	Ø104		85		140			
	3,0 - 10,0	Ø104	Ø 53 x 1,5		343		74,5		
	9,0 - 15,0	Ø167			367				
DN 65	0,5 - 4,0	Ø104		105	351	160			
	2,0 - 6,5	Ø167	Ø 70 x 2,0		375		96		
	7,0 - 15,0	Ø167							
DN 80	0,5 - 3,0	Ø104			358				
	2,0 - 5,5	Ø167	Ø 85 x 2,0	115	382	180	122		
	4,0 - 10,5	Ø167							
DN 100	0,5 - 4,0	Ø167	Ø 104 x 2,0	130	390	200	144		
	3,0 - 7,0	Ø167							

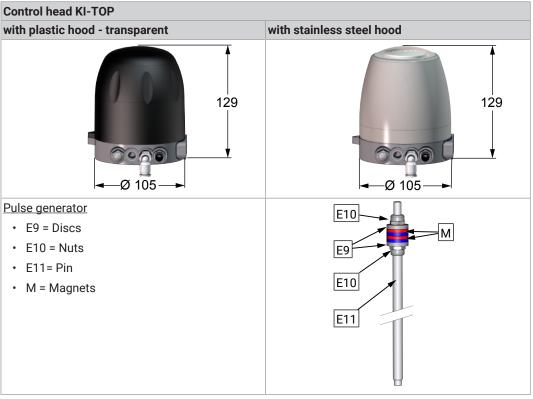
557x_EN_2023 23 / 28

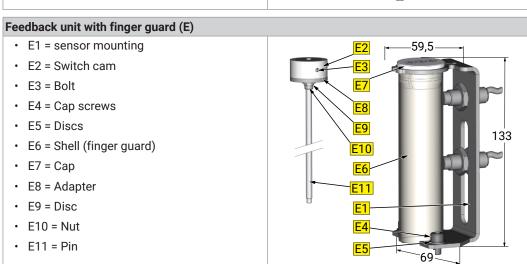
Nominal size	Adjusting range	Actuator	Dimension	Dimension						
	[bar]	D2	D1	L1	L2	L3	L4			
OD 1"	0,5 - 5,0	Ø104								
	3,0 - 10,0	Ø104	Ø25.4x1.65	75	329	100	57			
	7,0 - 14,0	Ø104								
OD 1½	0,5 - 5,0	Ø104								
	3,0 - 10,0	Ø104	Ø38,1 x 1,65	85	335	120	66			
	7,0 - 14,0	Ø104								
OD 2"	0,5 - 7,0	Ø104		85		140	74,5			
	3,0 - 10,0	Ø104	Ø50,8 x 1,65		342					
	9,0 - 15,0	Ø167			366					
OD 2½"	0,5 - 4,0	Ø104		105	348	160				
	2,0 - 6,5	Ø167	Ø63,5 x 1,65		372		96			
	7,0 - 15,0	Ø167								
OD 3"	0,5 - 3,0	Ø104			354					
	2,0 - 5,5	Ø167	Ø 76,2 x 1,65	115	378	180	122			
	4,0 - 10,5	Ø167								
OD 4"	0,5 - 4,0	Ø167	Ø101,6 x 2,0	130	390	200	144			
	3,0 - 7,0	Ø167								

Actuator



9.3 Control units





557x_EN_2023 25 / 28

10 Wearing parts

10.1 Wearing parts

Pos.	Material	pce.	DN 25	DN 40	DN 50	DN 65	DN 80	DN 100
			1 Inch	1½ Inch	2 Inch	2½ Inch	3 Inch	4 Inch
				,	,			
3	XSM	1x			Bearin	g bush		
					8050 028	3 020-156		
5	XSM	1x			Bearin	g bush		
					8050 020	007-156		
9	GSM	1x			Bearin	g bush		
					8050 016	012-060	I	
			O-ring	O-ring	O-ring	O-ring	O-ring	O-ring
	EPDM	1x	2304 044 035-159	2304 044 035-159	2304 054 035-170	2304 072 035-170	2304 085 035-159	2304 105 045-170
			033-139	033-139	033-170	033-170	033-139	045-170
			2204.044	2304 044	2204.054	2204.072	2204 005	2204 105
D1	HNBR	1x	2304 044 035-171	035-171	2304 054 035-050	2304 072 035-171	2304 085 035-050	2304 105 045-171
			2304 044	2304 044	2304 054	2304 072	2304 085	2304 105
	FKM	1x	035-051	035-051	035-051	035-251	035-051	045-251
			O-ring	O-ring	O-ring	O-ring	O-ring	O-ring
	EPDM	1x	2304 069 026-159	2304 069 026-159	2304 069 026-159	2304 082 026-159	2304 098 035-159	2304 117 035-159
			020-139	020-139	020-139	020-139	033-139	033-139
			2304 069	2304 069	2304 069	2304 082	2304 098	2304 117
D2	HNBR	1x	026-171	026-171	026-171	026-050	035-050	035-171
			2304 069	2304 069	2304 069	2304 082	2304 098	2304 117
	FKM	1x	026-251	026-251	026-251	026-051	035-051	035-051
						t seal		
	EPDM	1x				009-054		
D3	HNBR	1x				009-050		
- 1	FKM	1x			5506 050			
D4	NBR	2x				ing		
	LINIDD	0				0 035-055		
D5	HNBR	2x				ing		
D6	ПИПП	254			2304 019			
D6	HNBR	2x				ing		
					2304 016	020-055		

Wear part sets

• Seals (D1), (D2), (D3)

Material	DN 25	DN 40	DN 50	DN 65	DN 80	DN 100
	1 Inch	1½ Inch	2 Inch	2½ Inch	3 Inch	4 Inch
EPDM	5571 025	5571 040	5571 050	5571 065	5571 080	5571 100
	990-054	990-054	990-054	990-054	990-054	990-054
HNBR	5571 025	5571 040	5571 050	5571 065	5571 080	5571 100
	990-050	990-050	990-050	990-050	990-050	990-050
FKM	5571 025	5571 040	5571 050	5571 065	5571 080	5571 100
	990-251	990-251	990-251	990-251	990-251	990-251

557x_EN_2023 27 / 28

11 Appendix

11.1 Declaration of incorporation



Declaration of incorporation

Translation of the original

Manufacturer / authorised representative: KIESELMANN GmbH

Paul-Kieselmann-Str. 4-10

75438 Knittlingen

Germany

Authorised representative:

(for compiling technical documents)

Achim Kauselmann

(Documentation / Development)

KIESELMANN GmbH

Paul-Kieselmann-Str. 4-10

75438 Knittlingen

Germany

Product name Function

pneum. Lift actuators Stroke movement pneum. Rotary actuators Rotary movement

Ball valves Media cutoff
Butterfly valves Media cutoff

Butterfly valves Media cutoff Single seat valves Media cutoff

Flow control valves Control of liquefied media
Throttle valve Control of liquefied media
Overflow valve Definition of fluid pressure

Double seat valve
Bellow valves
Sampling valves
Two way valves

Media separation
Sampling of liquids
Sampling of liquids
Media cutoff

Tankdome fitting Prevention of overpressure and vacuum, Tank cleaning

Safety valve Prevention of overpressure

The manufacturer hereby states that the above product is considered as an incomplete machine in the sense defined in the Directive 2006/42/EC on Machinery. The above product is exclusively intended to be installed into a machine or an incomplete machine. The said product does not yet conform to all the relevant requirements defined in the Directive on Machinery referred to above for this reason.

The specific technical documents listed in Appendix VII, Part B, have been prepared. The Authorized Agent empowered to compile technical documents may submit the relevant documents if such a request has been properly justified.

Commissioning of an incomplete machine must not only carried out if it has been determined that the respective machine into which the incomplete machine is to be installed conforms to the regulations set out in the Directive on Machinery referred to above.

The above product conforms to the requirements of the directives and harmonized standards specified below:

Directive 2014/68/EU

· EN ISO 12100 Safety of machinery

Knittlingen, 21.09.2017

i.V. Uwe Heisswolf Head of Development



28 / 28