



## GEA Aseptomag valve technology – configuration key

Aseptic change-over valve UV

## Aseptic change-over valve UV

Closing pressure 5-6 bar by default

Air connections on the actuator for tubes with outer diameter 6mm by default

**Ordering example: UV 65 DIN E/E - PA100 NC -** (aseptic change-over valve DN65)

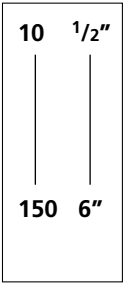


### 1. Valve type

**UV**

Aseptic change-over valve

### 2. Valve dimension



DIN 11850 (standard) Dim. ø x s (mm)	Nominal diameter	10	15	25	40	50	65	80	100	125	150
		12x10	18x1,5	28x1,5	40x1,5	52x1,5	70x2	85x2	104x2	129x2	154x2
	ISO (DIN 11866 B) Dim. ø x s (mm)	Nominal diameter	10	15	25	40	50	65	80	100	125
		17,2x1,6	21,3x1,6	33,7x2	48,3x2	60,3x2	76,1x2	88,9x2,3	114,3x2,6	139,7x2,6	168,3x2,6
OD (DIN 11866 C) Dim. ø x s (mm) Dim. ø x s (inch)	Nominal diameter	1/2"	3/4"	1"	1 1/2"	2"	2 1/2"	3"	4"	6"	
		12,7x1,65	19,05x1,65	25,4x1,65	38,1x1,65	50,8x1,65	63,5x1,65	76,2x1,65	101,6x2,11	152,4x2,77	6x0,83

### 3. Standard connection size

**DIN**  
**ISO**  
**OD**

DIN 11850 (standard)  
DIN 11866 B  
DIN 11866 C

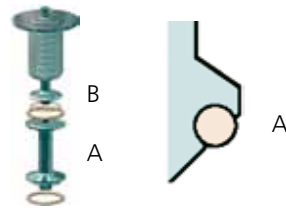
### 4. Connection ports change-over valve

**E/E**  
**E/T**  
**T/E**  
**T/T**



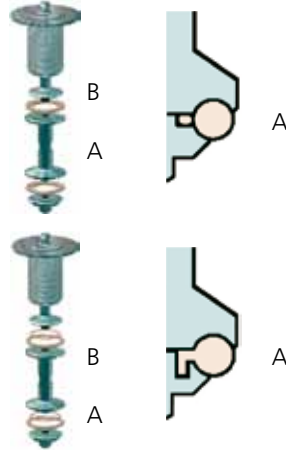
## 5. Internal assembly

-	Seat A: Valve disk with shrunk TEFASEP® valve seat seal Seat B: Divisible valve disk with TEFASEP® valve seat seal
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### 5.1 Valve seat seal options

<b>TVT</b>	Divisible valve disk (seat A + B) with TEFASEP® valve seat seal
<b>TVP</b>	Divisible valve disk (seat A + B) with PTFE valve seat seal
<b>TVPV</b>	Divisible valve disk (seat A + B) with valve seat seal made of PTFE reinforced
<b>TVE</b>	Divisible valve disk (seat A + B) with EPDM valve seat seal
<b>TVV</b>	Divisible valve disk (seat A + B) with Viton® valve seat seal

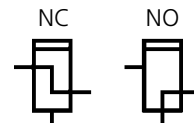


## 6. Actuator type

<b>PA ...</b>	Pneumatic actuator (standard)	Pipe-Ø (OD)	1/2"	3/4"	1"	1 1/2"	2"	2 1/2"	3"	4"	6"	
		Pipe-Ø (DIN)	10	15	25	40	50	65	80	100	125	150
<b>H</b>	Manual actuator	PA	60	60	80	80	100	100	135	180	255	255

## 7. Actuation

<b>NC</b>	normally closed, spring-closing (standard)
<b>NO</b>	normally open, spring-opening
<b>LL</b>	air-opening / air-closing



## 8. Option 3A

<b>3A</b>	Valve 3A approved
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## 9.

### Options

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#### Parts in contact with medium

- Electropolishing
- Surface roughness < Ra 0,8 µm
- Special material
- Mixed connection ports (specify all dimensions) .....

#### Monitoring of the internal assembly

- Steam barrier DS
- Bellow monitoring BW

#### Pneumatic actuator

- Increased closing pressure (specify pressure) .....
- Air connections for OD tubing 1/4"

#### Valve accessories

- Open feedback unit M8 (without proximity switches)
- Open feedback unit M12 (without proximity switches)
- Adjusting drive without feedback
- Adjusting drive with feedback
- Stroke limiter
- Binder with valve description

#### Certification

- Inspection certificate 3.1
- Certificate for surface roughness
- Certificate for delta ferrite
- Certificate for FDA conformity of seals in contact with medium

#### Spare parts

Spare parts for aseptic change-over valves are listed in the mounting / dismounting manual and also on the customer drawing.

#### Customer specific design

If you can not find your valve configuration in our standard, please contact us. We would like to discuss this with you.

#### Feedback units

Please see therefore the configuration keys "valve accessories".




#### Repairs

We are able to repair damaged valve components. Our workshop is well equipped.

#### Would you like to place an order or do you want a quotation first?

- Order
- Quotation

#### How you can contact us:

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