



## GEA Aseptomag valve technology – configuration key

Aseptic leakage valve ADV

Aseptic leakage bottom-seat valve ADVBS

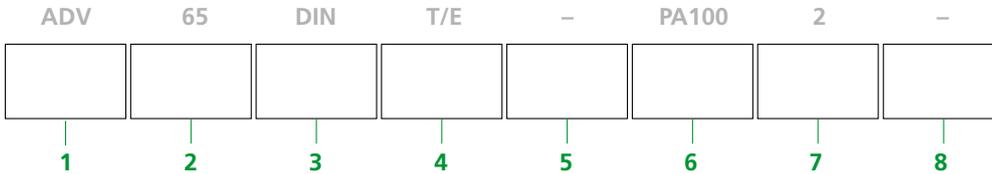
## Aseptic leakage valve ADV

## Aseptic leakage bottom-seat valve ADVBS

Closing pressure 5-6 bar by default

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

**Ordering example: ADV 65 DIN T/E – PA100 2SV 2 –** (Aseptic leakage valve ADV DN65)



### 1. Valve type

<b>ADV</b>	Aseptic leakage valve ADV
<b>ADVBS</b>	Aseptic leakage bottom-seat valve ADVBS

### 2. Valve dimension

<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <p><b>25 1"</b></p> </div> <div style="text-align: center;"> <p><b>100 4"</b></p> </div> </div>	DIN 11850 (standard) Dim. ø x s (mm)	Nominal diameter	25	40	50	65	80	100	
				29x1,5	41x1,5	53x1,5	70x2	85x2	104x2
		ISO (DIN 11866 B) Dim. ø x s (mm)	Nominal diameter	25	40	50	65	80	100
				33,7x2	48,3x2	60,3x2	76,1x2	88,9x2	114,3x1,95
		OD (DIN 11866 C) Dim. ø x s (mm) Dim. ø x s (inch)	Nominal diameter	1"	1 1/2"	2"	2 1/2"	3"	4"
				25,4x1,65 1x0,65	38,1x1,65 1,5x0,65	50,8x1,65 2x0,65	63,5x1,65 2,5x0,65	76,2x1,65 3x0,65	101,6x2,11 4x0,83

### 3. Standard connection size

<b>DIN</b>	DIN 11850 (standard)
<b>ISO</b>	DIN 11866 B
<b>OD</b>	DIN 11866 C

### 4. Connection ports ADV valve

<b>E/E</b>	Connection ports execution E/E - 2 welding connections	
<b>T/T</b>	Connection ports execution T/T - 4 welding connections	
<b>E/T</b>	Connection ports execution E/T - 3 welding connections	
<b>T/E</b>	Connection ports execution T/E - 3 welding connections	

## 4.1 Connection ports ADVBS valve

**E BSS**  
**T BSS**

Bottom-seat valve with welding flange

**E BSO**

Bottom-seat valve with loose flange  
(Welding tank flange must be ordered separately)

## 5. Internal Assembly

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Valve seat A: Divisible valve disk with Tefasep® valve seat seal  
Valve seat B: Divisible valve disk with EPDM valve seat seal

Other sealing materials upon request



## 6. Actuator type

**PA...**  
**PA...AZ**

Pneumatic actuator  
Pneumatic actuator with  
seat lifting function

Pipe-Ø (OD)	1"	1 1/2"	2"	2 1/2"	3"	4"
Pipe-Ø (DIN)	25	40	50	65	80	100
PA	80	80	100	100	135	180

## 7. Position side valves

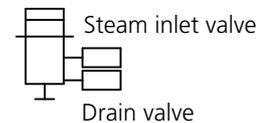
**1**  
**2**  
**4**  
**5**  
**6**

### Steam inlet valve

NO  
NO  
NC  
NC  
NO

### Drain valve

NC  
NO (standard)  
NC



Configurations 5 and 6 available, if only one side valve included

## 8. Accessories

**PT100**

Temperature monitoring in the leakage chamber via PT100

## 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

- Welding tank flange for bottom-seat valve BSO
- 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 leakage 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 key "T.VIS feedback system".

#### 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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-  +41 (0)34 426 29 28
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