

**Description:**

- overflow valve
- angular shape
- female thread acc. to ISO228
- proportional control characteristics
- oil- and gas-tight bonnet
- adjustable without media outflow
- ÜVA04: Body: red brass (CW419K)
stainless steel (1.4571 / 1.4408)
- ÜVA14: Body: red brass (CC 499K)
stainless steel (1.4401 / 1.4408)

Range of application:

- pressure maintenance
- pressure control
- Protection of pumps and plants against high pressures
- fluids and gaseous media
- high flow rate at low pressure differences
- max. permitted medium temperature depending on sealing material:
NBR: max. 130°C
FKM: max. 200°C
PTFE: max. 225°C

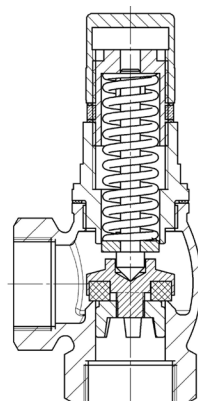
Comments:

Threads according to EN 228: It describes the threaded connection of a parallel male thread with a parallel female thread and is marked with "G".

The **flow direction** is indicated on the body. The red brass design with PTFE-sealing is suitable for **pressures up to 20 bar**. Optionally **factory configuration and sealing** is possible.

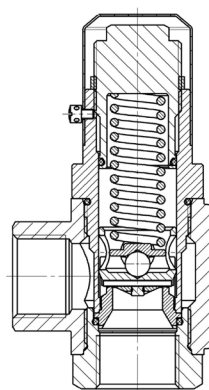
| pos. | part | red brass (ÜVA04) | red brass (ÜVA14) | stainless steel (ÜVA04) | stainless steel (ÜVA14) | Options |
|------|----------|----------------------|----------------------|----------------------------|----------------------------|-------------------|
| 1 | body | CW 491K | B CC 499K | B 1.4571 / 1.4408 | O 1.4401/1.4408 | O |
| 2 | interior | CW614N | A CW614N | A 1.4571 | O 1.4401 | O |
| 3 | sealing | NBR | B NBR | B NBR | B NBR | B FKM V PTFE T |

For details about the order code see "Order information". An overview of the complete material code you can find at the beginning of each product section of the product catalogue.



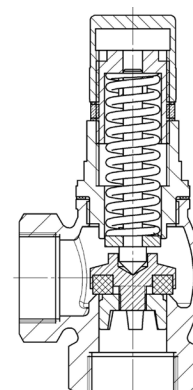
red brass design

ÜVA04 (B)



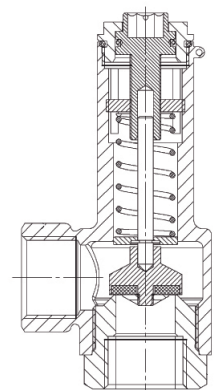
stainless steel design

ÜVA04 (O)



red brass design

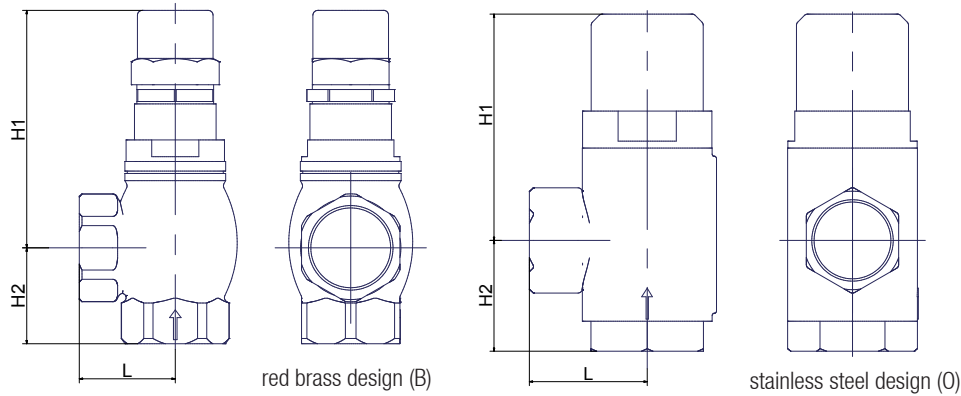
ÜVA14 (B)



stainless steel design

ÜVA14 (O)

OVERFLOW VALVE



| match code | connection size [inch] inlet/outlet | setting pressure [bar] | nominal size [DN] | L [mm] | H1 [mm] | H2 [mm] | weight [kg] |
|--------------------------|---|------------------------------|----------------------|-----------|------------|------------|----------------|
| red brass design: | | | | | | | |
| ÜVA04-03/03BAx100 | 3/8 | 0.2 - 20 | 10 | 27 | 66 | 26 | 0.3 |
| ÜVA04-04/04BAx130 | 1/2 | 0.2 - 20 | 15 | 29 | 74 | 30 | 0.4 |
| ÜVA04-05/05BAx190 | 3/4 | 0.2 - 20 | 20 | 34 | 83 | 35 | 0.7 |
| ÜVA04-06/06BAx250 | 1 | 0.2 - 20 | 25 | 42 | 100 | 43 | 1,2 |
| ÜVA04-07/07BAx300 | 1 1/4 | 0.2 - 20 | 32 | 46 | 117 | 46 | 1.9 |
| ÜVA04-08/08BAx380 | 1 1/2 | 0.2 - 20 | 40 | 51 | 136 | 52 | 2.5 |
| ÜVA04-09/09BAx500 | 2 | 0.2 - 20 | 50 | 60 | 146 | 61 | 3.8 |

possible setting ranges:

- 0,2 - 0,8 bar
- 0,5 - 2,5 bar
- 2,0 - 12 bar
- *12,0 - 20 bar (optionally)

*for extra costs with PTFE sealing

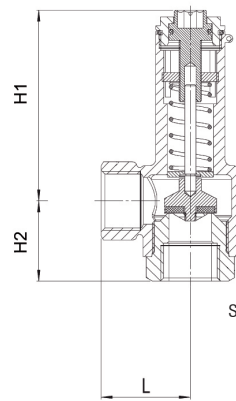
| match code | connection size [inch] inlet/outlet | setting pressure [bar] | nominal size [DN] | L [mm] | H1 [mm] | H2 [mm] | weight [kg] |
|--------------------------------|---|------------------------------|----------------------|------------|------------|------------|----------------|
| stainless steel design: | | | | | | | |
| ÜVA04-03/0300x100 | 3/8 | 0.2* - 30 | 10 | 34 | 73 | 33 | 0.5 |
| ÜVA04-04/0400x140 | 1/2 | 0.2* - 30 | 15 | 34 | 73 | 33 | 0.5 |
| ÜVA04-05/0500x160 | 3/4 | 0.2* - 30 | 20 | 40 | 84 | 36 | 0.8 |
| ÜVA04-06/0600x250 | 1 | 0.2* - 30 | 25 | 50 | 98 | 48 | 1.8 |
| ÜVA04-07/0700x250 | 1 1/4 | 0.2* - 30 | 32 | 50 | 98 | 48 | 1.9 |
| ÜVA04-08/0800xxxx | 1 1/2 | | | on request | | | |
| ÜVA04-09/0900xxxx | 2 | | | on request | | | |

possible setting ranges:

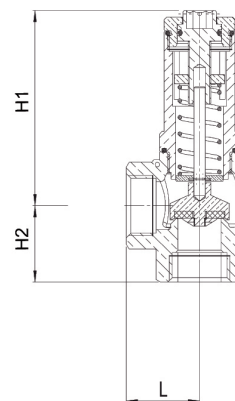
- 0,2* - 1,2 bar
- 1,2 - 3 bar
- 2,0 - 12 bar
- 12,0 - 30 bar

*with PTFE sealing starting from 0,5bar

OVERFLOW VALVE



stainless steel design (O)



red brass design (B)

| match code | connection size [inch] inlet/outlet | setting pressure [bar] | nominal size [DN] | L [mm] | H1 [mm] | H2 [mm] | weight [kg] |
|--------------------------|---|------------------------------|----------------------|-----------|------------|------------|----------------|
| red brass design: | | | | | | | |
| ÜVA14-03/03BAx100 | 3/8 | 0,2 - 20 | 10 | 27 | 60 | 26 | 0,3 |
| ÜVA14-04/04BAx130 | 1/2 | 0,2 - 20 | 15 | 30 | 69 | 30 | 0,4 |
| ÜVA14-05/05BAx190 | 3/4 | 0,2 - 20 | 20 | 33 | 86 | 35 | 0,7 |
| ÜVA14-06/06BAx250 | 1 | 0,2 - 20 | 25 | 40 | 101 | 41 | 1,2 |
| ÜVA14-07/07BAx300 | 1 1/4 | 0,2 - 20 | 32 | 45 | 118 | 45 | 1,9 |
| ÜVA14-08/08BAx380 | 1 1/2 | 0,2 - 20 | 40 | 50 | 139 | 51 | 2,5 |
| ÜVA14-09/09BAx500 | 2 | 0,2 - 20 | 50 | 60 | 149 | 60 | 3,8 |

possible setting ranges:

- 0,5 - 2,5 bar
- 2,0 - 8,0 bar
- 2,0 - 12,0 bar
- *12,0 - 20 bar (optionally)

*for extra costs with PTFE sealing

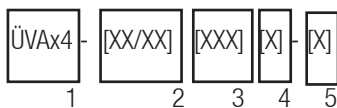
| match code | connection size [inch] inlet/outlet | setting pressure [bar] | nominal size [DN] | L [mm] | H1 [mm] | H2 [mm] | weight [kg] |
|--------------------------------|---|------------------------------|----------------------|-----------|------------|------------|----------------|
| stainless steel design: | | | | | | | |
| ÜVA14-03/0300x100 | 3/8 | 0,2 - 20 | 10 | 30 | 60 | 29 | 0,3 |
| ÜVA14-04/0400x130 | 1/2 | 0,2 - 20 | 15 | 34 | 69 | 33 | 0,4 |
| ÜVA14-05/0500x190 | 3/4 | 0,2 - 20 | 20 | 40 | 86 | 36 | 0,7 |
| ÜVA14-06/0600x250 | 1 | 0,2 - 20 | 25 | 46 | 101 | 48 | 1,2 |
| ÜVA14-07/0700x300 | 1 1/4 | 0,2 - 20 | 32 | 50 | 118 | 52 | 1,9 |
| ÜVA14-08/0800x380 | 1 1/2 | 0,2 - 20 | 40 | 61 | 139 | 60 | 2,5 |
| ÜVA14-09/0900x500 | 2 | 0,2 - 20 | 50 | 67 | 149 | 62 | 3,8 |

possible setting ranges:

- *0,2 - 0,8 bar
- 0,5 - 2,5 bar
- 2,0 - 8,0 bar
- 2,0 - 12,0 bar
- **12,0 - 20 bar

*with PTFE sealing starting from 0,5bar

** for extra costs with PTFE sealing

**Order information:**

1: type: ÜVA04
ÜVA14

2: connection size (see table):

- inlet/outlet: 03-09

3: materials:

- 1. digit: body:
B = red brass
O = stainless steel
- 2. digit: interior
A = brass

O = stainless steel

- 3. digit: sealing
B = NBR (standard)
V = FKM
T = PTFE

4. nominal size in 1/10mm**5: options: none**

Please specify the required setting range with your order!

Please ask for field specifications that are not listed in this data sheet.

Before installation please consider the installation and maintenance manual, especially the safety indications!