

**Description:**

- overflow valve
- angular shape
- proportional control characteristics
- spring-loaded
- male-female thread acc. to ISO228
- seal cap prevents unauthorized changing of set pressure
- cone liftable
- with gas tight cap

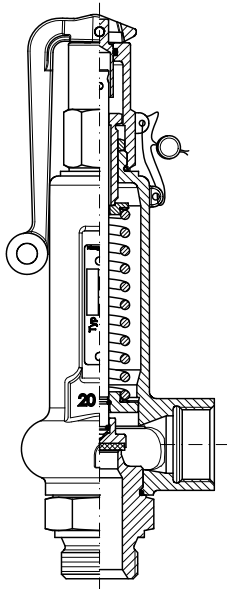
Range of application:

- pressure maintenance
- pressure control
- Protection of pumps and plants against high pressures
- fluids and gaseous media
- high flow rate at low pressure differences
- temperature resistance:
 - type stainless steel V2A: -10° up to +280°C
 - type stainless steel V4A: -60°C up to +280°
 - optionally -200°C up to +280°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".

More **soft sealings** on request. For **outlet enlargements** please contact us. A design for **extreme temperatures** is also possible. Other valve heads than listed below on request.



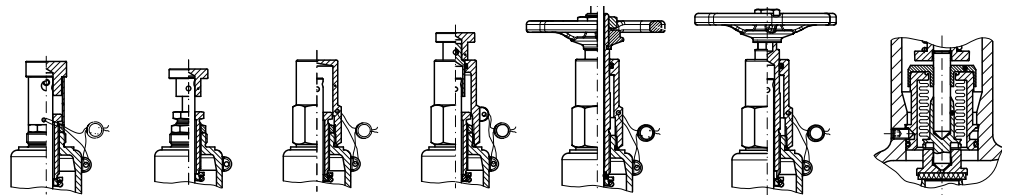
illustrated design with lifting lever

An overview of the complete material code you can find at the beginning of each product section of the product catalogue.

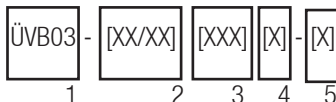
pos.	part	stainless steel V2A		stainless steel V4A			
1	body	1.4104 / 0.7043	P	1.4571	O		
2	interior	1.4571	O	1.4571	O		
3	sealing	metallic	M	metallic	M	EPDM	E
						FKM	V
						PTFE	T

options:

- LH: lifting lever
- LK: gas-tight with lifting button
- TH: high / low temperature design



Many types are possible. Detailed specification on request.

**Order information:**

1: type: ÜVB03

2: connection size (see table):

- inlet: 03-08
- outlet: 04-06

3: materials:

- 1. digit: body
 - P=stainless steel V2A
 - O=stainless steel V4A
- 2. digit: interiors
 - M = metallic

- 3. digit: sealing
 - M=metallic (standard)
 - E=EPDM
 - V=FKM
 - T=PTFE

4. nominal size in 1/10mm

5: options (see "options")

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!

*only in stainless steel design 1.4571 "0"

match code	connection size [inch]		nominal size [mm]	reaction pressure [bar]		L [mm]	H1 [mm]	H2 [mm]	weight [kg]
	inlet	outlet		min	max				
size 1:									
ÜVB03-03/04x0x100	3/8	1/2	10	0.1	140	40	185	34	1
ÜVB03-03/04x0x80	3/8	1/2	8	50	250	40	185	34	1
ÜVB03-03/05x0x100	3/8	3/4	10	0.1	140	40	185	34	1
ÜVB03-03/05x0x80	3/8	3/4	8	50	250	40	185	34	1
ÜVB03-04/04x0x125	1/2	1/2	12.5	0.1	120	40	185	34	1
ÜVB03-04/04x0x100	1/2	1/2	10	0.1	140	40	185	34	1
ÜVB03-04/04x0x80	1/2	1/2	8	50	250	40	185	34	1
ÜVB03-04/05x0x125	1/2	3/4	12.5	0.1	120	40	185	34	1
ÜVB03-04/05x0x100	1/2	3/4	10	0.1	140	40	185	34	1
ÜVB03-04/05x0x80	1/2	3/4	8	50	250	40	185	34	1
ÜVB03-04/05x0x60	1/2	3/4	6*	120	500	40	185	34	1
ÜVB03-05/04x0x160	3/4	1/2	16	0.05	50	40	185	34	1
ÜVB03-05/04x0x125	3/4	1/2	12.5	0.1	120	40	185	34	1
ÜVB03-05/04x0x100	3/4	1/2	10	0.1	140	40	185	34	1
ÜVB03-05/04x0x80	3/4	1/2	8	50	250	40	185	34	1
ÜVB03-05/05x0x160	3/4	3/4	16	0.05	50	40	185	34	1
ÜVB03-05/05x0x125	3/4	3/4	12.5	0.1	120	40	185	34	1
ÜVB03-05/05x0x100	3/4	3/4	10	0.1	140	40	185	34	1
ÜVB03-05/05x0x80	3/4	3/4	8	50	250	40	185	34	1
ÜVB03-05/05x0x60	3/4	3/4	6*	120	500	40	185	34	1
size 2:									
ÜVB03-04/06x0x125	1/2	1	12.5	0.1	70	50	215	40	1.6
ÜVB03-04/06x0x80	1/2	1	8	50	350	50	215	40	1.6
ÜVB03-05/06x0x160	3/4	1	16	0.1	90	50	215	40	1.6
ÜVB03-05/06x0x125	3/4	1	12.5	0.1	170	50	215	40	1.6
ÜVB03-05/06x0x80	3/4	1	8	50	350	50	215	40	1.6
ÜVB03-06/06x0x200	1	1	20	0.1	20	50	215	40	1.6
ÜVB03-06/06x0x160	1	1	16	0.1	90	50	215	40	1.6
ÜVB03-06/06x0x125	1	1	12.5	0.1	170	50	215	40	1.6
ÜVB03-06/06x0x80	1	1	8	50	350	50	215	40	1.6
ÜVB03-07/06x0x220	1 1/4	1	22	0.05	55	50	215	40	1.8
ÜVB03-07/06x0x200	1 1/4	1	20	0.1	20	50	215	40	1.8
ÜVB03-07/06x0x160	1 1/4	1	16	0.1	90	50	215	40	1.8
ÜVB03-07/06x0x270	1 1/4	1	27	0.05	45	50	215	40	1.8
ÜVB03-08/06x0x270	2	1	27	0.05	45	50	215	40	1.8