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Алматы (7273)495-231
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Ставрополь (8652)20-65-13
Сургут (3462)77-98-35

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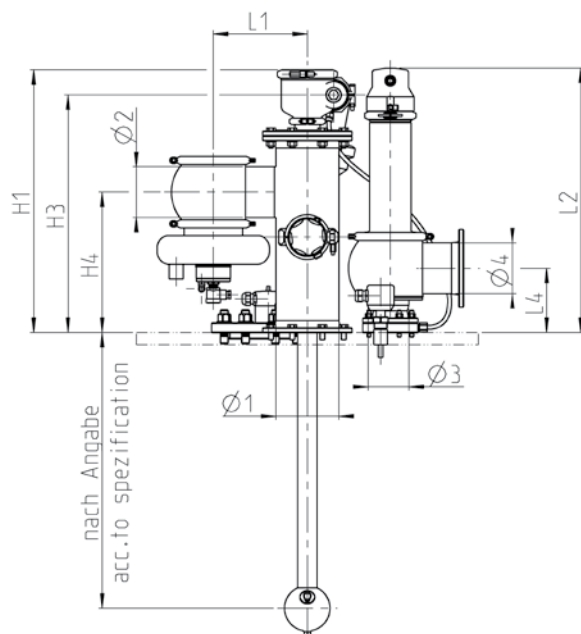
КЛАПАНЫ И КОМПОНЕНТЫ VARITOR Технические характеристики





Technical data of the standard version

Material in contact with the product	1.4404
Seal material	EPDM
Ambient temperature	0 to 45 °C
Operating temperature	< 60 °C
Air supply pressure	6 bar (87 psi), max. 8 bar (116 psi)
Product pressure	10 bar (145 psi)
Surface in contact with the product	Ra ≤ 1.6 µm
CIP/GAS management	Automatic switch-over module
Cleaner	Rotating jet cleaner
Connection fittings	VARIVENT® grooved flange on the tank side, CIP/ GAS connection of the welding end
Identification	Adhesive ID tag



Front view

Top view

		Dimension												
Nominal width Ø1	Ø2 [mm]	H1 [mm]	H3 [mm]	H4 [mm]	L1 [mm]	L6 [mm]	L7 [mm]	L8 [mm]	L9 [mm]	L10 [mm]	L11 [mm]	L12 [mm]	L13 [mm]	L14 [mm]
DN 100	80	514	457	271	180	170	116	288	50	150	295	324	160	96
DN 125	100	545	488	288	193	170	116	301	50	150	308	324	175	96
DN 162	162	649	592	361	243	170	116	323	50	180	386	324	200	96

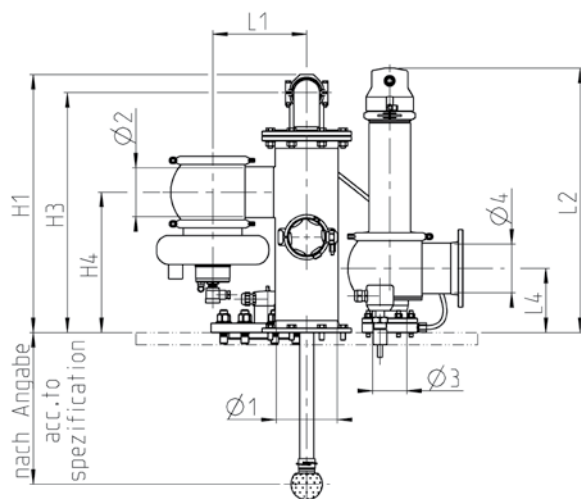
Maximum values for safety relief valve							
		Safety relief valve type 488			Safety relief valve type HyCom		
Ø3 [mm]	Ø4 [mm]	L2 [mm]	L4 [mm]	L5 [mm]	L2 [mm]	L4 [mm]	L5 [mm]
25	40	363	98	260	454	89	255
40	65	559	115	295	574	94	255
50	80	574	123	295	629	104	275
65	100	593	132	295	740	105	285
80	125	732	148	320	816	118	300

The description of the options – as well as the configuration of the system designation – can be found at the end of this section.

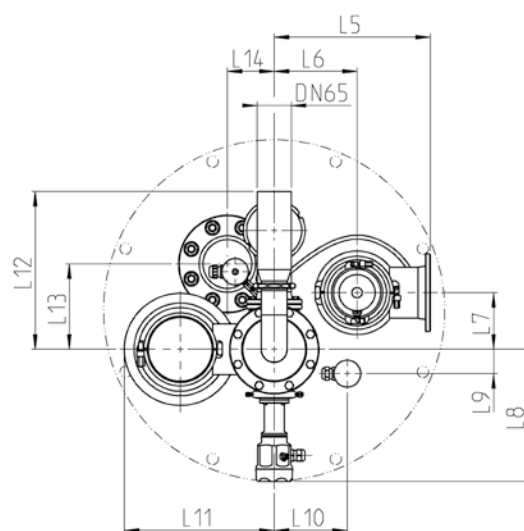


Technical data of the standard version

Material in contact with the product	1.4404
Seal material	EPDM
Ambient temperature	0 to 45 °C
Operating temperature	< 60 °C
Air supply pressure	6 bar (87 psi), max. 8 bar (116 psi)
Product pressure	10 bar (145 psi)
Surface in contact with the product	Ra ≤ 1.6 µm
CIP/GAS management	Automatic switch-over module
Cleaner	Cleaning lance
Connection fittings	VARIVENT® grooved flange on the tank side, CIP/ GAS connection of the welding end
Identification	Adhesive ID tag



Front view



Top view

Dimension														
Nominal width Ø1	Ø2 [mm]	H1 [mm]	H3 [mm]	H4 [mm]	L1 [mm]	L6 [mm]	L7 [mm]	L8 [mm]	L9 [mm]	L10 [mm]	L11 [mm]	L12 [mm]	L13 [mm]	L14 [mm]
DN 100	80	502	465	271	180	170	116	288	50	150	295	324	160	96
DN 125	100	529	492	288	193	170	116	301	50	150	308	324	175	96
DN 162	162	637	600	361	243	170	116	323	50	180	386	317	200	96

Maximum values for safety relief valve

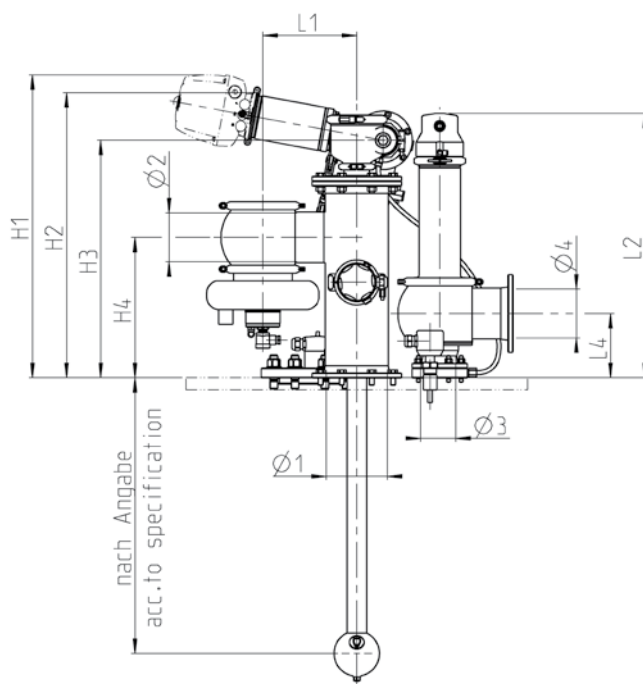
		Safety relief valve type 488			Safety relief valve type HyCom		
Ø3 [mm]	Ø4 [mm]	L2 [mm]	L4 [mm]	L5 [mm]	L2 [mm]	L4 [mm]	L5 [mm]
25	40	363	98	260	454	89	255
40	65	559	115	295	574	94	255
50	80	574	123	295	629	104	275
65	100	593	132	295	740	105	285
80	125	732	148	320	816	118	300

The description of the options – as well as the configuration of the system designation – can be found at the end of this section.

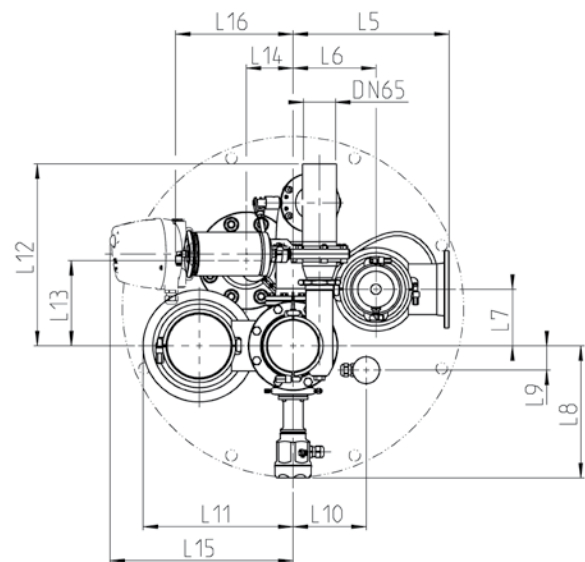


Technical data of the standard version

Material in contact with the product	1.4404
Seal material	EPDM
Ambient temperature	0 to 45 °C
Operating temperature	< 80 °C
Air supply pressure	6 bar (87 psi), max. 8 bar (116 psi)
Product pressure	10 bar (145 psi)
Surface in contact with the product	Ra ≤ 1.6 µm
CIP/GAS management	Butterfly valve combination
Cleaner	Rotating jet cleaner
Connection fittings	VARIVENT® grooved flange on the tank side, CIP/ GAS connection of the welding end
Identification	Adhesive ID tag



Front view



Top view

		Dimension															
Nominal width Ø1	Ø2 [mm]	H1 [mm]	H2 [mm]	H3 [mm]	H4 [mm]	L1 [mm]	L6 [mm]	L7 [mm]	L8 [mm]	L9 [mm]	L10 [mm]	L11 [mm]	L12 [mm]	L13 [mm]	L14 [mm]	L15 [mm]	L16 [mm]
DN 100	80	640	575	457	271	180	170	116	288	50	150	295	374	160	96	428	319
DN 125	100	671	606	488	288	193	170	116	301	50	150	308	374	175	96	428	319
DN 162	162	775	710	592	361	243	170	116	323	50	180	386	375	200	96	428	319

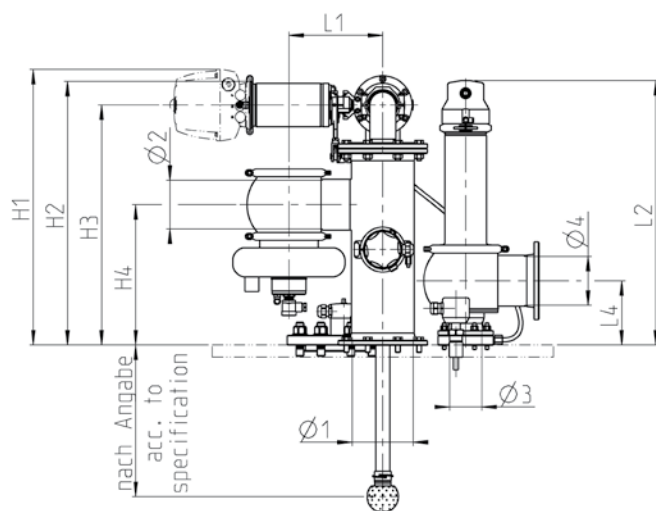
Maximum values for safety relief valve							
		Safety relief valve type 488			Safety relief valve type HyCom		
Ø3 [mm]	Ø4 [mm]	L2 [mm]	L4 [mm]	L5 [mm]	L2 [mm]	L4 [mm]	L5 [mm]
25	40	363	98	260	454	89	255
40	65	559	115	295	574	94	255
50	80	574	123	295	629	104	275
65	100	593	132	295	740	105	285
80	125	732	148	320	816	118	300

The description of the options – as well as the configuration of the system designation – can be found at the end of this section.

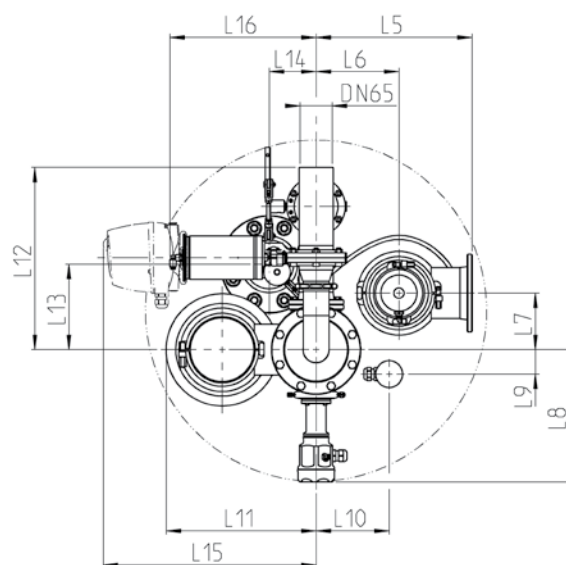


Technical data of the standard version

Material in contact with the product	1.4404
Seal material	EPDM
Ambient temperature	0 to 45 °C
Operating temperature	< 80 °C
Air supply pressure	6 bar (87 psi), max. 8 bar (116 psi)
Product pressure	10 bar (145 psi)
Surface in contact with the product	Ra ≤ 1.6 µm
CIP/GAS management	Butterfly valve combination
Cleaner	Cleaning lance
Connection fittings	VARIVENT® grooved flange on the tank side, CIP/ GAS connection of the welding end
Identification	Adhesive ID tag



Front view



Top view

		Dimension															
Nominal width Ø1	Ø2 [mm]	H1 [mm]	H2 [mm]	H3 [mm]	H4 [mm]	L1 [mm]	L6 [mm]	L7 [mm]	L8 [mm]	L9 [mm]	L10 [mm]	L11 [mm]	L12 [mm]	L13 [mm]	L14 [mm]	L15 [mm]	L16 [mm]
DN 100	80	568	526	465	271	180	170	116	288	50	150	295	374	160	96	435	326
DN 125	100	595	553	492	288	193	170	116	301	50	150	308	374	175	96	435	326
DN 162	162	700	658	597	361	243	170	116	323	50	180	386	375	200	96	435	326

Maximum values for safety relief valve							
		Safety relief valve type 488			Safety relief valve type HyCom		
Ø3 [mm]	Ø4 [mm]	L2 [mm]	L4 [mm]	L5 [mm]	L2 [mm]	L4 [mm]	L5 [mm]
25	40	363	98	260	454	89	255
40	65	559	115	295	574	94	255
50	80	574	123	295	629	104	275
65	100	593	132	295	740	105	285
80	125	732	148	320	816	118	300

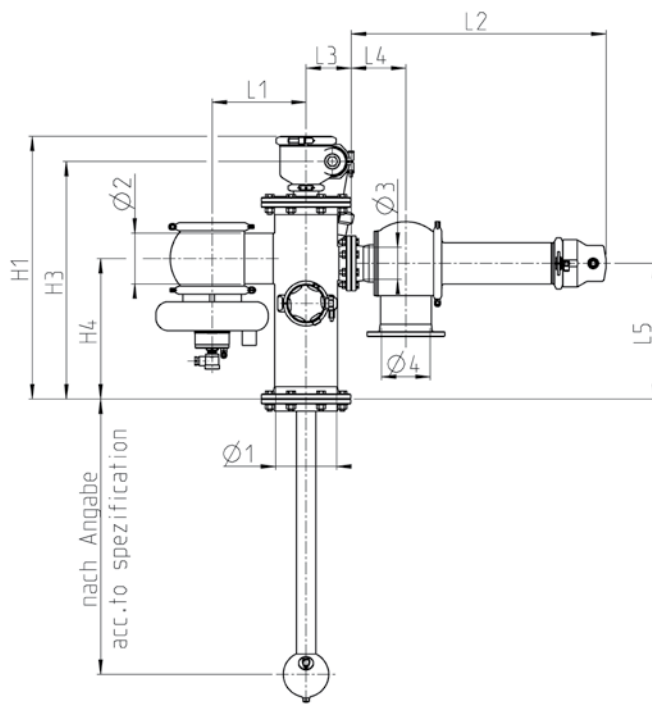
The description of the options – as well as the configuration of the system designation – can be found at the end of this section.

VARITOP® Type TTB 11 Z

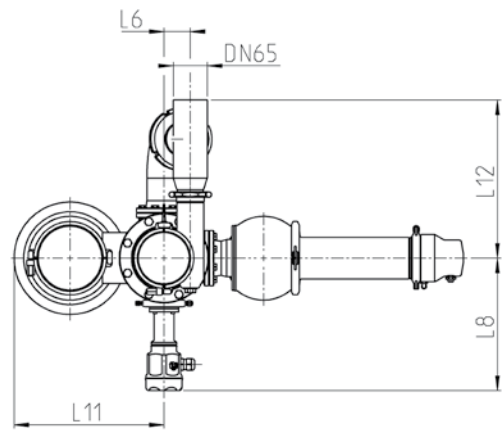


Technical data of the standard version

Material in contact with the product	1.4404
Seal material	EPDM
Ambient temperature	0 to 45 °C
Operating temperature	< 60 °C
Air supply pressure	6 bar (87 psi), max. 8 bar (116 psi)
Product pressure	10 bar (145 psi)
Surface in contact with the product	Ra ≤ 1.6 µm
CIP/GAS management	Automatic switch-over module
Cleaner	Rotating jet cleaner
Connection fittings	VARIVENT® grooved flange on the tank side, CIP/ GAS connection of the welding end
Identification	Adhesive ID tag



Front view



Top view

Dimension										
Nominal width Ø1	Ø2 [mm]	H1 [mm]	H3 [mm]	H4 [mm]	L1 [mm]	L5 [mm]	L6 [mm]	L8 [mm]	L11 [mm]	L12 [mm]
DN 100	80	514	457	271	180	276	54	288	295	324
DN 125	100	545	488	288	193	283	54	301	308	324
DN 162	162	649	592	361	243	376	54	323	386	324

Maximum values for safety relief valve					
		Safety relief valve type 488		Safety relief valve type HyCom	
Ø3 [mm]	Ø4 [mm]	L2 [mm]	L4 [mm]	L2 [mm]	L4 [mm]
25	40	343	78	434	69
40	65	539	95	554	74
50	80	554	103	609	84
65	100	573	112	720	85
80	125	712	128	796	98

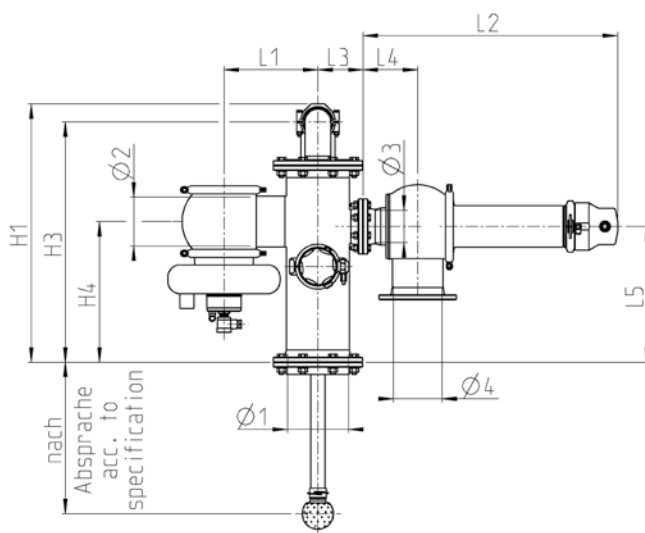
The description of the options – as well as the configuration of the system designation – can be found at the end of this section.

VARITOP® Type TTB 12 Z

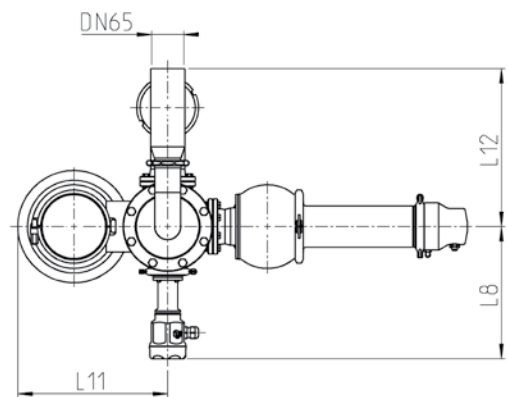


Technical data of the standard version

Material in contact with the product	1.4404
Seal material	EPDM
Ambient temperature	0 to 45 °C
Operating temperature	< 60 °C
Air supply pressure	6 bar (87 psi), max. 8 bar (116 psi)
Product pressure	10 bar (145 psi)
Surface in contact with the product	Ra ≤ 1.6 µm
CIP/GAS management	Automatic switch-over module
Cleaner	Cleaning lance
Connection fittings	VARIVENT® grooved flange on the tank side, CIP/ GAS connection of the welding end
Identification	Adhesive ID tag



Front view



Top view

Dimension									
Nominal width Ø1	Ø2 [mm]	H1 [mm]	H3 [mm]	H4 [mm]	L1 [mm]	L5 [mm]	L8 [mm]	L11 [mm]	L12 [mm]
DN 100	80	502	465	271	180	276	288	301	323
DN 125	100	529	492	288	193	283	295	308	386
DN 162	162	637	600	361	243	376	324	324	317

Maximum values for safety relief valve					
		Safety relief valve type 488		Safety relief valve type HyCom	
Ø3 [mm]	Ø4 [mm]	L2 [mm]	L4 [mm]	L2 [mm]	L4 [mm]
25	40	343	78	434	69
40	65	539	95	554	74
50	80	554	103	609	84
65	100	573	112	720	85
80	125	712	128	796	98

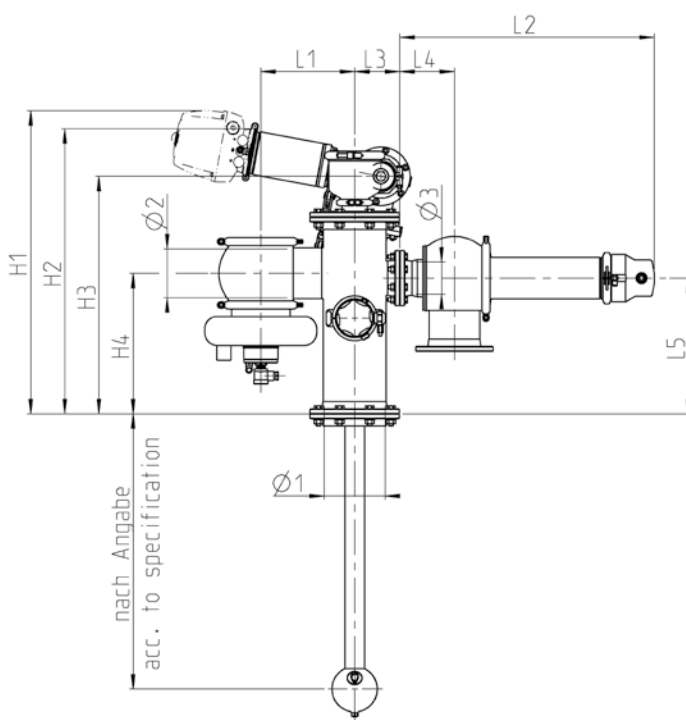
The description of the options – as well as the configuration of the system designation – can be found at the end of this section.

VARITOP® Type TTB 41 Z

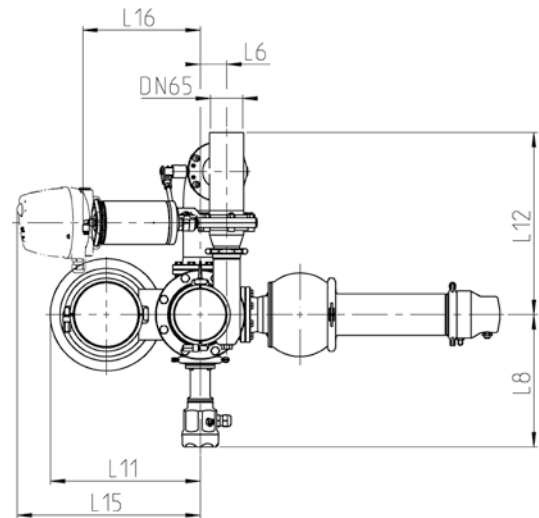


Technical data of the standard version

Material in contact with the product	1.4404
Seal material	EPDM
Ambient temperature	0 to 45 °C
Operating temperature	< 80 °C
Air supply pressure	6 bar (87 psi), max. 8 bar (116 psi)
Product pressure	10 bar (145 psi)
Surface in contact with the product	Ra ≤ 1.6 µm
CIP/GAS management	Butterfly valve combination
Cleaner	Rotating jet cleaner
Connection fittings	VARIVENT® grooved flange on the tank side, CIP/ GAS connection of the welding end
Identification	Adhesive ID tag



Front view



Top view

Dimension												
Nominal width Ø1	Ø2 [mm]	H1 [mm]	H2 [mm]	H3 [mm]	H4 [mm]	L1 [mm]	L5 [mm]	L6 [mm]	L8 [mm]	L12 [mm]	L15 [mm]	L16 [mm]
DN 100	80	640	575	457	271	180	276	54	288	374	428	326
DN 125	100	671	606	488	288	193	283	54	301	374	428	326
DN 162	162	775	710	592	361	243	376	54	323	375	428	326

Maximum values for safety relief valve

		Safety relief valve type 488		Safety relief valve type HyCom	
Ø3 [mm]	Ø4 [mm]	L2 [mm]	L4 [mm]	L2 [mm]	L4 [mm]
25	40	343	78	434	69
40	65	539	95	554	74
50	80	554	103	609	84
65	100	573	112	720	85
80	125	712	128	796	98

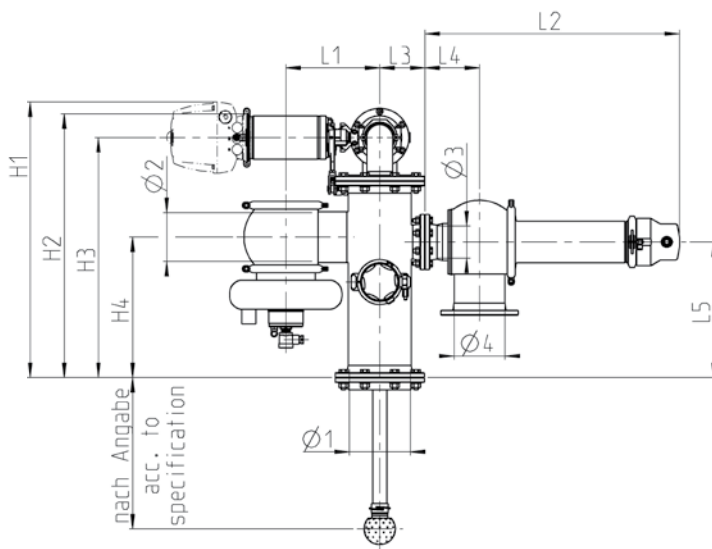
The description of the options – as well as the configuration of the system designation – can be found at the end of this section.

VARITOP® Type TTB 42 Z

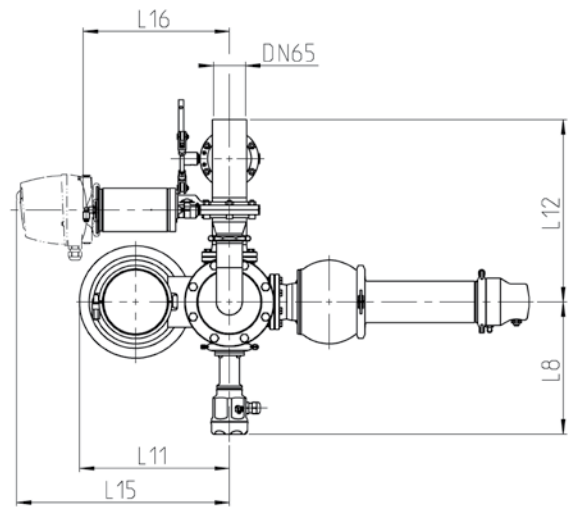


Technical data of the standard version

Material in contact with the product	1.4404
Seal material	EPDM
Ambient temperature	0 to 45 °C
Operating temperature	< 80 °C
Air supply pressure	6 bar (87 psi), max. 8 bar (116 psi)
Product pressure	10 bar (145 psi)
Surface in contact with the product	Ra ≤ 1.6 µm
CIP/GAS management	Butterfly valve combination
Cleaner	Cleaning lance
Connection fittings	VARIVENT® grooved flange on the tank side, CIP/ GAS connection of the welding end
Identification	Adhesive ID tag



Front view



Top view

	Dimension										
Nominal width Ø1	Ø2 [mm]	H1 [mm]	H2 [mm]	H3 [mm]	H4 [mm]	L1 [mm]	L5 [mm]	L8 [mm]	L12 [mm]	L15 [mm]	L16 [mm]
DN 100	80	568	526	465	271	180	276	288	374	435	326
DN 125	100	595	553	492	288	193	283	301	374	435	326
DN 162	162	700	658	597	361	243	376	323	375	435	326

Maximum values for safety relief valve					
		Safety relief valve type 488		Safety relief valve type HyCom	
Ø3 [mm]	Ø4 [mm]	L2 [mm]	L4 [mm]	L2 [mm]	L4 [mm]
25	40	343	78	434	69
40	65	539	95	554	74
50	80	554	103	609	84
65	100	573	112	720	85
80	125	712	128	796	98

The description of the options – as well as the configuration of the system design – can be found at the end of this section.

Selection Scheme VARITOP®

Position	Description of the selection scheme
1	CIP/GAS management
	1 Automatic switch-over module
	4 Butterfly valve combination
	Selection actuator type butterfly valve combination
	Pneumatic (standard) Pneumatic with control top Regular combination
	  
2	Cleaning device
	1 Rotating jet cleaner
	2 Cleaning lance
3	Tank connection
	D Tank dome cover
	Z Central connection
	DZ Tank dome cover
4	Installation orientation safety relief valve
	L Horizontal
	S Upright
5	Safety relief valve type
	L Safety relief valve type 488
	M Safety relief valve type HyCom
6	Connection type cross piece
	TN VARINLINE® grooved flange
	X Special connection tank side (for cleaner > Ø 162 mm)
7	CIP/GAS connection
	N Welding end DN 65
	GK Pipe fitting S complete DN 65 DIN 11851
	TK VARIVENT® flange connection DN 65
8	Pressure measurement
	– Without; housing connection N + blanking plate VP
	D1 Pressure transmitter 0–4 bar
	D2 Pressure transmitter 0–10 bar
9	Level indicator (optional for tank connection D and DZ)
	– Without
	N GEA Tuchenhausen level probe, type TNS
10	Sight glass (optional for tank connection D and DZ)
	– Without
	G Sight glass
	GB Sight glass illuminated 50 W 24 V
11	Counter flange cross piece (optional for tank connection Z)
	– Without
	TF VARINLINE® smooth flange

The code is composed as follows, depending on the chosen configuration:

Position		1	2	3	4	5	6	7	8	9	10	11
Code	TTB			-		-		-		-		-

For order codes differing from the standard version, please refer to section 7 (options).

По вопросам продаж и поддержки обращайтесь:

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Пенза (8412)22-31-16
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