



GOETZE Overflow valve series 618t bronze gastight internal thread

Characteristics

Series: 618t

Construction type: Angle Pattern

Housing material inlet side: Bronze

Material quality inlet side: CC499K

Housing material outlet side: Bronze

Material quality outlet side: CC499K

Connection inlet side: Internal thread [BSPP]

Standard connection inlet side: DIN ISO 228-1

Connection outlet side: Internal thread [BSPP]

Standard connection outlet side: DIN ISO 228-1

Valve lifter: No

Spring material: Stainless steel

Application

- Pressure control in liquid systems. Suitable for liquids and gases. Often used as a bypass via a pump to ensure a minimum pump delivery volume.

Technical Information

- To be adjusted on site. Can be adapted on request. Temperature range -60°C to 250°C, depending on seal.

Size chart					
DN [BSPP]	H	h1	L	dØ	Weight
¾" [10]	66	14	27	10	0.3
½" [15]	74	15	29	13	0.4
¾" [20]	83	18	34	19	0.7
1" [25]	100	23	42	25	1.2
1¼" [32]	117	28	46	30	1.9
1½" [40]	136	-	51	38	2.5
2" [50]	146	-	60	50	3.8

Pressure and temperature range		
Sealing	Pressure	Temperature
NBR	12 bar	-30 to 130 °C
FKM	12 bar	-20 to 200 °C
PTFE	0.2 - 12 bar	-60 to 225 °C
PTFE	12 - 20 bar	-60 to 225 °C

Nominal inner diameter inlet side	Nominal inner diameter outlet side	Adjustment range	Valve bore	Sealing	Bellows seal	Article
		bar	mm			
3/8" [10]	3/8" [10]	0.2 / 0.8	10	PTFE	No	10051590
3/8" [10]	3/8" [10]	0.5 / 2.5	10	PTFE	No	10051586
3/8" [10]	3/8" [10]	2 / 12	10	PTFE	No	10051592
3/8" [10]	3/8" [10]	12 / 20	10	PTFE	No	10051599
1/2" [15]	1/2" [15]	2 / 12	13	PTFE	No	11609198
1/2" [15]	1/2" [15]	12 / 20	13	PTFE	No	10051597
1/2" [15]	1/2" [15]	0.2 / 0.8	13	PTFE	No	11046470
3/4" [20]	3/4" [20]	0.2 / 0.8	19	PTFE	No	11603298
3/4" [20]	3/4" [20]	2 / 12	19	PTFE	No	11603299
3/4" [20]	3/4" [20]	0.5 / 2.5	19	PTFE	No	10051598
3/4" [20]	3/4" [20]	12 / 20	19	PTFE	No	10051591
3/4" [20]	3/4" [20]			PTFE	No	11155443

Disclaimer: The content of this document has been composed with the utmost care. However, it is possible that certain information changes over time, becomes inaccurate or incomplete. ERIKS does not guarantee that the information provided on this document is up to date, accurate and complete; the information provided is not intended to be advice. ERIKS shall never be liable for damage resulting from the use of the information provided.

Nominal inner diameter inlet side	Nominal inner diameter outlet side	Adjustment range bar	Valve bore mm	Sealing	Bellows seal	Article
1" (25)	1" (25)	2 / 12	25	PTFE	No	10051595
1" (25)	1" (25)	0.2 / 0.8	25	PTFE	No	11603300
1" (25)	1" (25)	12 / 20	25	PTFE	No	13711316
1" (25)	1" (25)	0.5 / 2.5	25	PTFE	No	10051588
1.1/4" (32)	1.1/4" (32)	2 / 12	30	PTFE	No	10051601
1.1/4" (32)	1.1/4" (32)	12 / 20	30	PTFE	No	11271631
1.1/4" (32)	1.1/4" (32)	0.5 / 2.5	30	PTFE	No	13711317
1.1/4" (32)	1.1/4" (32)	0.2 / 0.8	30	PTFE	No	11603327
1.1/2" (40)	1.1/2" (40)	0.2 / 0.8	38	PTFE	No	11382857
1.1/2" (40)	1.1/2" (40)	0.5 / 2.5	38	PTFE	No	13711318
1.1/2" (40)	1.1/2" (40)	12 / 20	38	PTFE	No	13711319
1.1/2" (40)	1.1/2" (40)	2 / 12	38	PTFE	No	10051600
2" (50)	2" (50)	0.5 / 2.5	50	PTFE	No	10051589
2" (50)	2" (50)	12 / 20	50	PTFE	No	13711320
2" (50)	2" (50)	2 / 12	50	PTFE	No	10051596
2" (50)	2" (50)	0.2 / 0.8	50	PTFE	No	11603302

Disclaimer: The content of this document has been composed with the utmost care. However, it is possible that certain information changes over time, becomes inaccurate or incomplete. ERIKS does not guarantee that the information provided on this document is up to date, accurate and complete; the information provided is not intended to be advice. ERIKS shall never be liable for damage resulting from the use of the information provided.