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
Valve lifter: No
Spring material: Stainless steel

Application

- Pressure control in liquid systems.Suitable for liquids and gasesOften 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 requestTemperature range -60°C to 250°C, depending on seal.

Size chart

DN [BSPP]	H	h1	L	dØ	Weight
?" [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
1.¼" [32]	117	28	46	30	1.9
1.½" [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	Connection inlet side	Standard connection inlet side	Nominal inner diameter outlet side	Connection outlet side	Standard connection outlet side	Adjustment range bar	Valve bore mm	Sealing	Bellows seal	Article
										10051590
3/8" [10]	Internal thread [BSPP]	DIN ISO 228-1	3/8" [10]	Internal thread [BSPP]	DIN ISO 228-1	0.2 / 0.8	10	PTFE	No	10051586
3/8" [10]	Internal thread [BSPP]	DIN ISO 228-1	3/8" [10]	Internal thread [BSPP]	DIN ISO 228-1	0.5 / 2.5	10	PTFE	No	10051592
3/8" [10]	Internal thread [BSPP]	DIN ISO 228-1	3/8" [10]	Internal thread [BSPP]	DIN ISO 228-1	2 / 12	10	PTFE	No	10051599
3/8" [10]	Internal thread [BSPP]	DIN ISO 228-1	3/8" [10]	Internal thread [BSPP]	DIN ISO 228-1	12 / 20	10	PTFE	No	11609198
1/2" [15]	Internal thread [BSPP]	DIN ISO 228-1	1/2" [15]	Internal thread [BSPP]	DIN ISO 228-1	2 / 12	13	PTFE	No	10051597

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Nominal inner diameter inlet side	Connection inlet side	Standard connection inlet side	Nominal inner diameter outlet side	Connection outlet side	Standard connection outlet side	Adjustment range	Valve bore	Sealing	Bellows seal	Article
						bar	mm			
1/2" (15)	Internal thread (BSPP)	DIN ISO 228-1	1/2" (15)	Internal thread (BSPP)	DIN ISO 228-1	12 / 20	13	PTFE	No	11046470
1/2" (15)	Internal thread (BSPP)	DIN ISO 228-1	1/2" (15)	Internal thread (BSPP)	DIN ISO 228-1	0.2 / 0.8	13	PTFE	No	11603298
3/4" (20)	Internal thread (BSPP)	DIN ISO 228-1	3/4" (20)	Internal thread (BSPP)	DIN ISO 228-1	0.2 / 0.8	19	PTFE	No	11603299
3/4" (20)	Internal thread (BSPP)	DIN ISO 228-1	3/4" (20)	Internal thread (BSPP)	DIN ISO 228-1	2 / 12	19	PTFE	No	10051598
3/4" (20)	Internal thread (BSPP)	DIN ISO 228-1	3/4" (20)	Internal thread (BSPP)	DIN ISO 228-1	0.5 / 2.5	19	PTFE	No	10051591
3/4" (20)	Internal thread (BSPP)	DIN ISO 228-1	3/4" (20)	Internal thread (BSPP)	DIN ISO 228-1	12 / 20	19	PTFE	No	11155443
1" (25)	Internal thread (BSPP)	DIN ISO 228-1	1" (25)	Internal thread (BSPP)	DIN ISO 228-1	2 / 12	25	PTFE	No	10051595
1" (25)	Internal thread (BSPP)	DIN ISO 228-1	1" (25)	Internal thread (BSPP)	DIN ISO 228-1	0.2 / 0.8	25	PTFE	No	11603300
1" (25)	Internal thread (BSPP)	DIN ISO 228-1	1" (25)	Internal thread (BSPP)	DIN ISO 228-1	12 / 20	25	PTFE	No	13711316
1" (25)	Internal thread (BSPP)	DIN ISO 228-1	1" (25)	Internal thread (BSPP)	DIN ISO 228-1	0.5 / 2.5	25	PTFE	No	10051588
1.1/4" (32)	Internal thread (BSPP)	DIN ISO 228-1	1.1/4" (32)	Internal thread (BSPP)	DIN ISO 228-1	2 / 12	30	PTFE	No	10051601
1.1/4" (32)	Internal thread (BSPP)	DIN ISO 228-1	1.1/4" (32)	Internal thread (BSPP)	DIN ISO 228-1	12 / 20	30	PTFE	No	11271631
1.1/4" (32)	Internal thread (BSPP)	DIN ISO 228-1	1.1/4" (32)	Internal thread (BSPP)	DIN ISO 228-1	0.5 / 2.5	30	PTFE	No	13711317
1.1/4" (32)	Internal thread (BSPP)	DIN ISO 228-1	1.1/4" (32)	Internal thread (BSPP)	DIN ISO 228-1	0.2 / 0.8	30	PTFE	No	11603327
1.1/2" (40)	Internal thread (BSPP)	DIN ISO 228-1	1.1/2" (40)	Internal thread (BSPP)	DIN ISO 228-1	0.2 / 0.8	38	PTFE	No	11382857
1.1/2" (40)	Internal thread (BSPP)	DIN ISO 228-1	1.1/2" (40)	Internal thread (BSPP)	DIN ISO 228-1	0.5 / 2.5	38	PTFE	No	13711318
1.1/2" (40)	Internal thread (BSPP)	DIN ISO 228-1	1.1/2" (40)	Internal thread (BSPP)	DIN ISO 228-1	12 / 20	38	PTFE	No	13711319
1.1/2" (40)	Internal thread (BSPP)	DIN ISO 228-1	1.1/2" (40)	Internal thread (BSPP)	DIN ISO 228-1	2 / 12	38	PTFE	No	10051600
2" (50)	Internal thread (BSPP)	DIN ISO 228-1	2" (50)	Internal thread (BSPP)	DIN ISO 228-1	0.5 / 2.5	50	PTFE	No	10051589
2" (50)	Internal thread (BSPP)	DIN ISO 228-1	2" (50)	Internal thread (BSPP)	DIN ISO 228-1	12 / 20	50	PTFE	No	13711320
2" (50)	Internal thread (BSPP)	DIN ISO 228-1	2" (50)	Internal thread (BSPP)	DIN ISO 228-1	2 / 12	50	PTFE	No	10051596
2" (50)	Internal thread (BSPP)	DIN ISO 228-1	2" (50)	Internal thread (BSPP)	DIN ISO 228-1	0.2 / 0.8	50	PTFE	No	11603302

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