



### Product Features

- particularly suitable for hot water circulation systems due to very low opening pressure
- wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water
- male union thread
- with plugged drain port
- with test port
- controllable check cartridge
- free from dead spots
- for any installation position

### Standards and Approvals

- DVGW approval
- ÖVGW approval
- SVGW approval
- KIWA approval
- BELGAQUA approval
- plastic parts with KTW and W 270 approval
- according to DVGW worksheet W 570
- according to accepted materials list from German environmental agency
- up to DN 32 soundproofing certification according to DIN EN ISO 3822 Class 1
- DIN EN 13959
- ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT

### Technical data

- pressure rating PN 10
- max. operating temperature 65 °C
- short-term peak temperature 90 °C

Part no.	DN	A1	A2	BS (mm)	H1 (mm)	L1 (mm)	Zeta	$\Delta p_{\text{opening}}$ (hpa)	HS (mm)	cv (m <sup>3</sup> /h)	LS (mm)	kg
1581G01500	15	G 3/4	G 1/4	27	24	70	4.3	10	37	4.3	70	0.19
1581G02000	20	G 1	G 1/4	34	27	80	3.2	10	44	8.9	80	0.27
1581G02500	25	G 1 1/4	G 1/4	42	32.5	82	2.7	10	54	15	82	0.42
1581G03200	32	G 1 1/2	G 1/4	48	36	87	2.7	10	60	24.8	87	0.47
1581G04000	40	G 1 3/4	G 1/4	54	40.5	95	1.5	10	67	51	95	0.63
1581G05000	50	G 2 3/8	G 1/4	70	47.5	115	2.4	10	82	63.9	115	1.03

## Accessories

- gunmetal sampling valve, figure 187 00
- gunmetal solder union connector, figure 476 04
- gunmetal union connector, union nut, figure 476 06
- gunmetal union connector, union nut, FPT, with drain valve, figure 476 07
- gunmetal union connector, union nut, MPT, figure 476 08
- solder / pressfit union connector, figure 476 14
- pressfit union connector, MAPRESS stainless steel and copper, figure 476 22
- pressfit union connector, SANPRESS and PROFIPRESS, figure 476 30
- pressfit union connector, SANHA and NiroSan, figure 476 35
- pressfit union connector, MEPLA, figure 476 40
- pressfit union connector, MAPRESS stainless steel, figure 476 20
- pressfit union connector, SANPRESS INOX, figure 476 70
- extension element for drain valve, figure J6109 473 00
- drain valve made of gunmetal/plastic, figure J7109 173 00
- Pt 1000 temperature sensor, figure T5100 140 00
- dial thermometer, figure T5100 150 00
- axial drain valve and immersion sleeve, figure J7109 150 00

## Spare parts

- threaded plug , figure J8101 173 00
- CV cartridge, figure P4100 158 00