

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
- VA approval
- according to UBA KTW BWGL
- according to DVGW worksheet W 570
- according to UBA BWGL Metals
- 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	H1 (mm)	L1 (mm)	Zeta	Δ $p_{opening}$ (hpa)	cv (m^3/h)	Weight (kg)
1581G01500	15	G 3/4	G 1/4	24	70	4.3	10	4.3	0.19
1581G02000	20	G 1	G 1/4	27	80	3.2	10	8.9	0.27
1581G02500	25	G 1 1/4	G 1/4	32.5	82	2.7	10	15	0.42
1581G03200	32	G 1 1/2	G 1/4	36	87	2.7	10	24.8	0.47
1581G04000	40	G 1 3/4	G 1/4	40.5	95	1.5	10	51	0.63
1581G05000	50	G 2 3/8	G 1/4	47.5	115	2.4	10	63.9	1.03

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Accessories

- gunmetal solder union connector, figure 476 04
- Pt 1000 temperature sensor, figure T5100 140 00
- gunmetal sampling valve, figure 187 00
- drain valve made of gunmetal/plastic, figure J7109 173 00
- dial thermometer, figure T5100 150 00
- gunmetal union connector, union nut, figure 476 06
- gunmetal union connector, union nut, FPT, with drain valve, figure 476 07
- extension element for drain valve, figure J6109 473 00
- axial drain valve and immersion sleeve, figure J7109 150 00
- 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

Spare parts

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

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