



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
- maintenance-free spindle sealing with self-lubricating and under pressure replaceable EPDM-lip gasket
- EPDM-seat gasket
- cone rotatable, protected against water hammer
- male union thread
- with plugged drain port
- with test port
- spindle thread not in contact with medium
- controllable check cartridge
- wear-resistant stainless steel valve seat
- with a black handwheel
- free from dead spots
- for any installation position
- with isolating function for maintenance
- Open position indicator

Standards and Approvals

- DVGW approval
- SVGW approval
- KIWA approval
- BELGAQUA approval
- according to UBA KTW BWGL
- 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	D1 (mm)	H1 (mm)	L1 (mm)	Zeta	Δ $p_{opening}$ (hpa)	cv (m^3/h)	Weight (kg)
1452G01500	15	G 3/4	G 1/4	60	100	82	5	10	4	0.43
1452G02000	20	G 1	G 1/4	60	105	97	3.8	10	8.1	0.58
1452G02500	25	G 1 1/4	G 1/4	70	132	112	3.1	10	14.1	0.92
1452G03200	32	G 1 1/2	G 1/4	70	154	131	2.8	10	24.2	1.33
1452G04000	40	G 1 3/4	G 1/4	70	161	148	2.4	10	41	1.65
1452G05000	50	G 2 3/8	G 1/4	80	192	174	2.7	10	60.3	2.54

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Accessories

- insulation shell for inclined stop valves, figure 471 10
- 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
- axial drain valve made of gunmetal, figure J7109 170 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

- EPDM seat gasket, figure B9100 173 08
- Head part gasket, figure C3100 173 07
- spindle seal as self-lubricating EPDM lip gasket for valves, figure C9100 173 03
- shut off bonnet for combined stop and check valve with cartridge, figure E0109 145 02
- CV cartridge, figure P4100 158 00

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