VAG BETA® 200, PE ends
resilient seated, with PE-HD ends

Water
Gas

PN 10/16
DN 80...200

Product Features

- Resilient seated
- Screwless, pressure-sealed, body bonnet connection
- PE-HD ends on both sides to SDR 11
- Low torque due to plastic sliding caps on the wedge
- DVGW tested and registered
- PE-HD ends DVGW tested acc. VP 600 (10bar)
- Elastomere approved in accordance with W 270 (Water)
- Final Inspection Test to EN 12266 water and gas (DIN 3230 part 4 water - DIN 3230 part 5 PG 1 gas)

Materials

- Body, bonnet and wedge of ductile cast iron EN - JS 1030 (GGG-40)
- Stem of stainless steel with 13% chromium
- Wedge fully rubber lined with EPDM for water
- Wedge fully rubber lined with NBR for gas
- PE-HD ends of PE 100

Corrosion Protection

- Inside and outside epoxy coated , in acc. with GSK guidelines

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Field of Application

- Max. operating temperature: 50°C
- Suitable for butt welding and double socket welding on PE-HD pipes

Accessories

- T-key
- Spindle extensions
- Surface box, plastic
- Surface box, plastic, adjustable.
- Supporting plate, plastic
- Surface box, cast iron
- Shaped parts made of PE-HD on request

For information about installation, commissioning, operating and maintenance we kindly refer to our **“Installation and Operating Instructions - Valves”**.

Field of use — Water

Final Inspection Tests in acc. with EN 12266

DN mm	PN	Max.operating pressure bar	Max.operating temperature for neutral liquids °C	Test pressure with water in body bar	 in seat bar
80...200	16	16	50	24	18

Field of use — Gas lines in acc. with DIN 2470 Part 1

Final Inspection Tests in acc. with EN 12266

DN mm	PN	Max.operating pressure bar	Max.operating temperature for gases in acc. with DVGW G 260 °C	Test pressure in body with air	 in body with water	 in seat with air
80...200	16	16	50	0.5	24	0.5

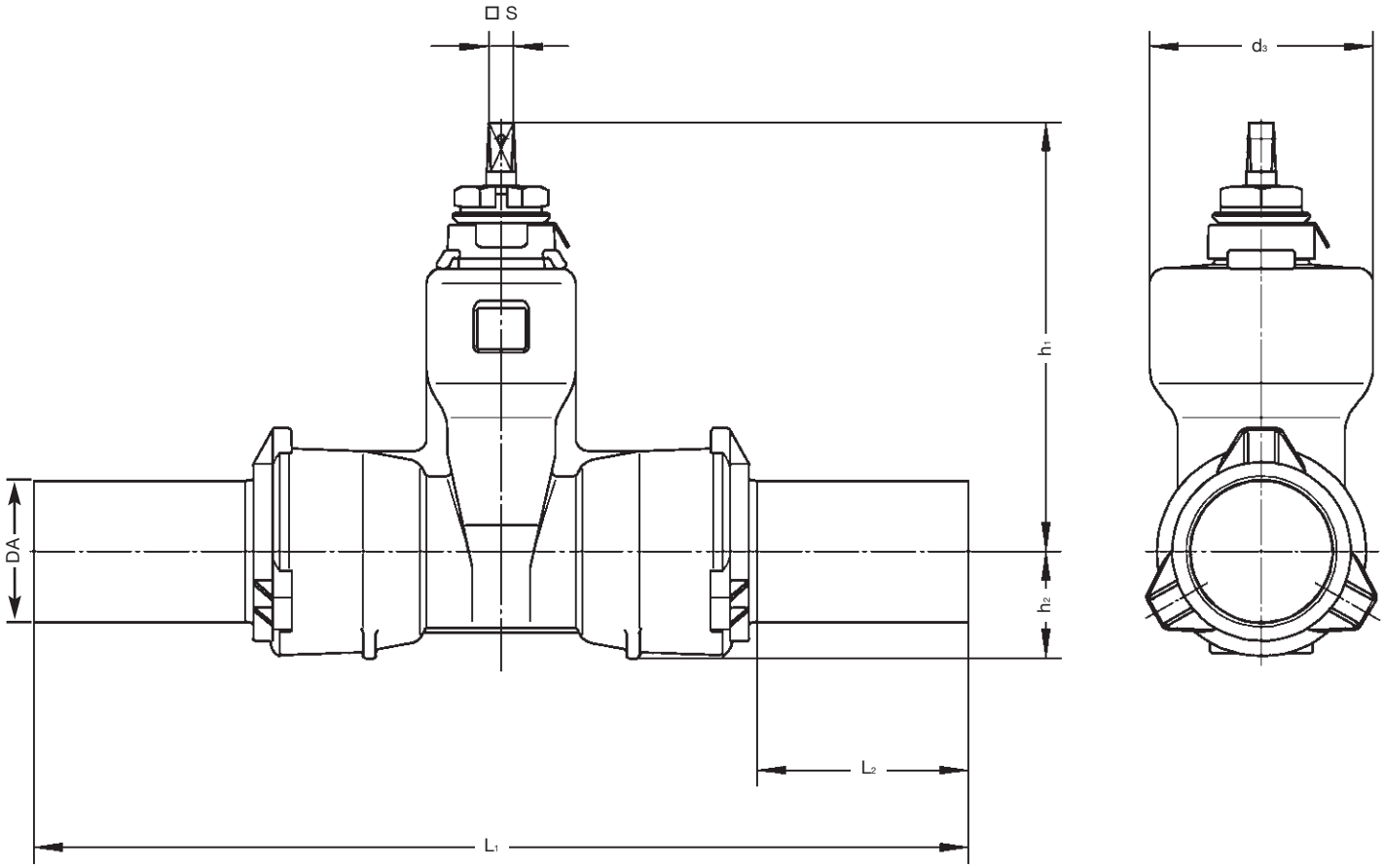
Field of use — Gas lines in acc. with DIN 30690

Final Inspection Tests in acc. with EN 12266

DN mm	PN	Max.operating pressure bar	Max.operating temperature for gases in acc. with DVGW G 260 °C	Test pressure in body with air	 in body with water	 in body with air	 in seat with air
80...200	16	16	50	0.5	24	18	0.5 and 17.6

We reserve the right to make technical changes and use similar or higher-quality materials. Drawings are non-binding

Dimensions / weight



Dimensions in mm									
DN		**80***	**100**	**100**	**125**	**150**	**150**	**200**	**200**
Outside pipe diameter	DA	90	110	125	140	160	180	200	225
Dimensions	d_3	160	174	174	220	246	246	320	320
	h_1	280	334	334	379	417	417	523	523
	h_2	74	83	83	91	109	109	140	140
Stem square	S	17	19	19	19	19	19	24	24
Face-to-face length valve	L_1	673	735	789	824	877	973	958	1000
Length of PE pipes	L_2	150	170	170	200	210	250	240	250
Turns/stroke		20	20	20	25	30	30	34	34
Weight of valve	kg	18.8	25.8	26	33	48.5	49.2	74.1	75.2
Volume req. of valve	m^3	0.038	0.053	0.057	0.085	0.113	0.126	0.203	0.212

*available: dn 40, 50 und 65.

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