



PN 1/4
DN 350...1200

Product Features

- Metal seated to EN 1171 (DIN 3352 part 2 und part 3)
- Inside stem screw
- Readjustable stem seal
- With handwheel
- With drainage plug
- Face-to-face length to EN558-1, basic series 14 (DIN 3202, F4)
- Final Inspection Test acc. to EN 12266 (DIN 3230 part 4)

Materials

- Body, bonnet and wedge of ductile cast iron EN-JS 1030 (GGG-40)
- Seats in body and on wedge of sewage-resistant zinc-free bronze
- Stem stainless steel 1.4057

Corrosion Protection

- Inside and outside epoxy coated

Field of Application

- Max. temperature for fluids: 50°C
- pressure rating
 - PN 4 DN 350...500
 - PN 2,5 DN 600...700
 - PN 1,6 DN 800
 - PN 1 DN 900...1200

Alternatives

- Outside stem screw
- With gear unit (depending on differential pressure and nominal diameter)
- Seats in body and on wedge of stainless steel
- Stem seal with O-ring
- With position display
- With E-actuator
- With by-pass
- Higher temperatures



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

Field of use

Final Inspection Tests in acc. with EN 12266

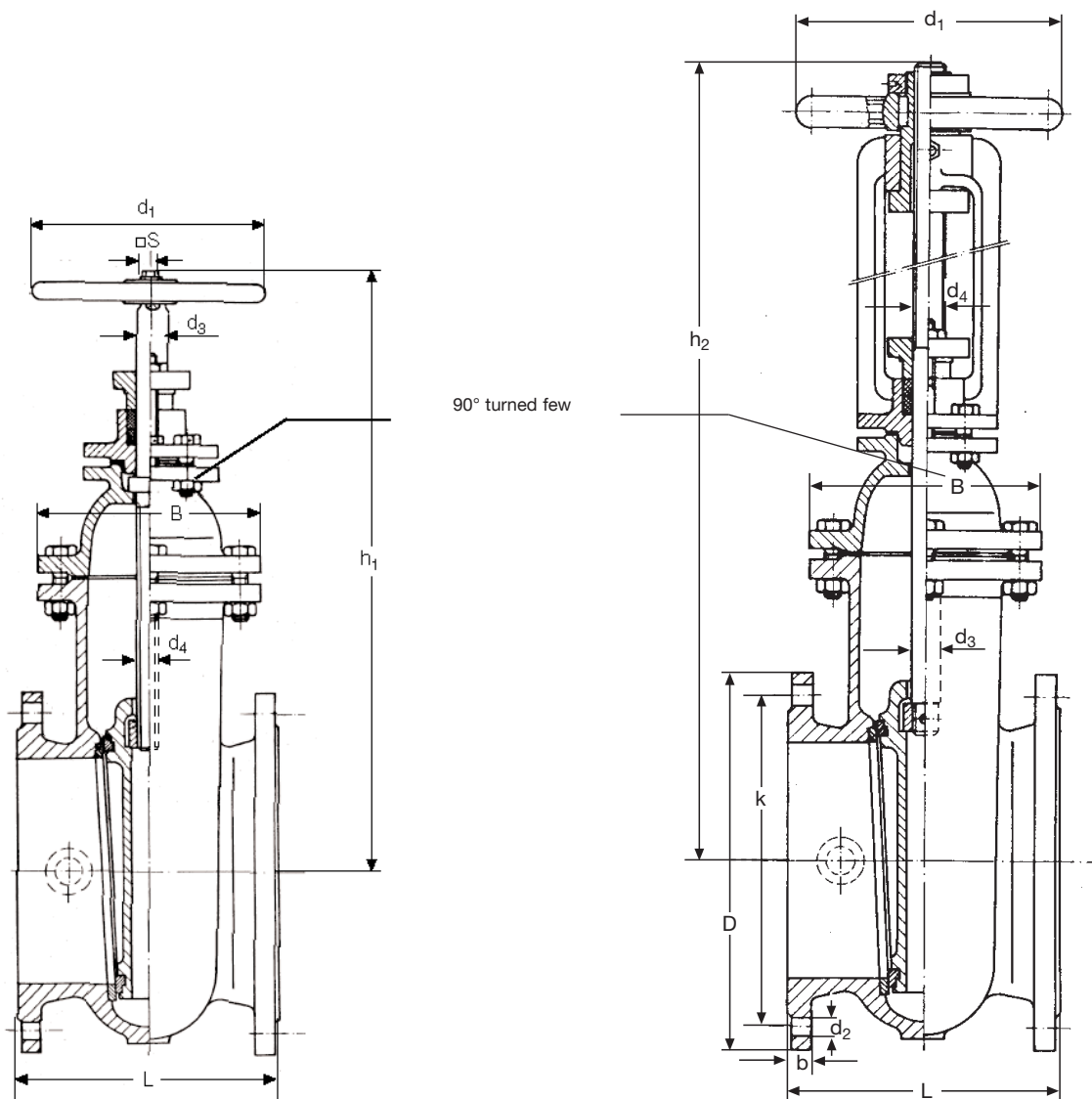
DN	PN	Max.operating pressure	Max.operating temperature for neutral liquids	Test pressure with water	
				in body	in seat
mm	bar	bar	°C		
350 ... 500	4	4	60*	6	4.4
600 ... 700	2.5	2.5	60*	4	2.8
800	1.6	1.6	60*	2.4	1.6
900 ... 1200	1	1	60*	1.6	1.1

*) higher temperature on request

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



Dimensions / weight



Dimensions in mm		350	400	500	600	700	800	900	1000	1200
DN		350	400	500	600	700	800	900	1000	1200
Dimensions	d_1	360	360	500	500	640	720	800	800	800
	$d_3 = d_4$	32	32	40	40	44	50	55	60	65
	B approx.	550	620	730	840	950	1080	1190	1300	1550
	h_1 approx.	830	945	1120	1300	1480	1710	1880	2030	2400
	h_2 closed	1320	1470	1820	2050	2300	2700	2980	3200	3900
	h_2 open	1700	1900	2360	2690	3050	3580	3940	4240	5170
	L	290	310	350	390	430	470	510	550	630
	s	24	24	27	27	32	36	41	41	46
Turns/stroke		62	71	74	90	106	105	105	116	124
Net weight with handwheel kg approx.	Inside stem	170	219	355	515	745	1130	1336	1536	2886
	Outside stem	173	235	380	560	960	1300	1500	2700	3200
Volume req. m ³ approx.	Inside stem	0.22	0.27	0.53	0.71	1.17	1.73	2.33	2.75	3.88
	Outside stem	0.32	0.39	0.79	1.03	1.67	2.5	3.37	3.97	5.74
Flange dimensions to PN 10 EN 1092-2 (GGG-40)	D	505	565	670	780	895	1015	1115	1230	1455
	k	460	515	620	725	840	950	1050	1160	1380
	b	24.5	24.5	26.5	30	32.5	35	37.5	40	45
	d_2	22	26	26	30	30	33	33	36	39
	No. of holes	16	16	20	20	24	24	28	28	32

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