

Gate valve, round body, article 506-GS

PN 10 / PN 16 diameter DN 65 up to DN 300

PN 40 diameter DN 40 up to DN 300

Flange gate valve, round body, design according to DIN 3352/7B4 with flexible wedge design. External, rising stem made of stainless steel with adjustable gland packing (optionally also with TA-Luft). Wedge guide in the body, metal sealing. Tightness class A according to EN 12266-1. Flanges are measured and drilled according to EN 1092-1, form B1.

pressure range PN 10 / PN 16 = Face-to-face length EN 558, row 15 (DIN 3202 F-5).

pressure range PN 40 = Face-to-face length EN 558, row 26 (DIN 3202 F-7).

For general industrial applications, especially for cold and hot water supply, as well steam range. Operation with hand wheel. Body outside with primer coating, 40 µm - 60 µm.

Design compliant to pressure equipment directive (DGRL97/23/EG), new 2014/68/eu.



	ambient -20° C ... +200° C
	medium -10° C ... +400° C

description	material
body	cast iron 1.0619
wedge	cast iron 1.0619
bonnet	cast iron 1.0619
stem	stainless steel 1.4021
sealing surface body	stainless steel 1.4027
sealing surface wedge	stainless steel 1.4027
sealing	graphite / metal
packing	graphite
hand wheel	ductile cast iron GGG 40 EN-JS 1030

Versions of operation:

- with gear
- with sprocket
- with electric actuator



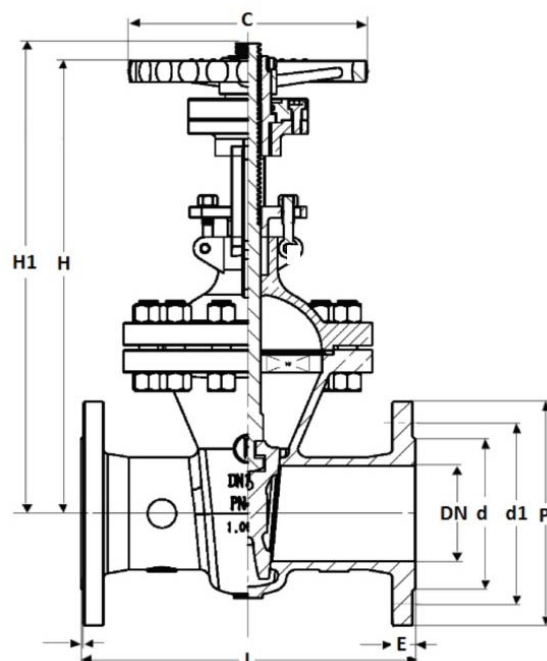
Gate Valve, round body, article 506-GS

PN 10 / PN 16 diameter DN 65 up to DN 300

PN 40 diameter DN 40 up to DN 300

Article 506-GS,	design PN 10	design PN 16
- temperature /	up to +400° C max. 6 bar	up to +400° C max. 6 bar
pressure range	up to +300° C max. 8 bar	up to +300° C max. 11 bar
	up to +200° C max. 10 bar	up to +200° C max. 14 bar

Article 506-GS,	design PN 40
- temperature /	up to +400° C max. 21 bar
pressure range	up to +300° C max. 28 bar
	up to +200° C max. 35 bar



		PN 10 / PN 16													
diameter	506-GS cast iron	L (mm)	H (mm)	H1 (mm)	P (mm)	d (mm)	d1 (mm)	C (mm)	E (mm)	Sp Ø	Nm	Zeta	U / Hub	pressure range PN	weight (kg)
DN 65	51.3020.4.24	270	410	490	185	122	145	225	18	24x5	25	0,28	16,5	10 / 16	31,5
DN 80	51.3020.4.25	280	415	515	200	138	160	225	20	24x5	30	0,25	19,5	10 / 16	34,5
DN 100	51.3020.4.27	300	490	610	220	158	180	250	20	26x5	45	0,22	24,5	10 / 16	49,5
DN 125	51.3020.4.28	325	590	725	250	188	210	300	22	26x5	75	0,19	28,0	10 / 16	70,5
DN 150	51.3020.4.29	350	670	830	285	212	240	400	22	28x5	100	0,19	34,0	10 / 16	94,0
DN 200	51.3020.4.31	400	830	1050	340	268	295	400	24	32x6	200	0,16	37,0	10 / 16	136,5
DN 250	51.3020.4.33	450	955	1230	405	320	355	450	26	36x6	220	0,15	46,0	10 / 16	231,0
DN 300	51.3020.4.34	500	1145	1450	460	378	410	500	28	40x7	250	0,14	46,0	10 / 16	364,0
		PN 10													
diameter	506-GS cast iron	L (mm)	H (mm)	H1 (mm)	P (mm)	d (mm)	d1 (mm)	C (mm)	E (mm)	Sp Ø	Nm	Zeta	U / Hub	pressure range PN	weight (kg)
DN 200	51.3037.4.31	400	830	1050	340	268	295	400	24	32x6	200	0,16	37,0	10	134,5
DN 250	51.3037.4.33	450	945	1225	395	320	350	450	26	36x6	220	0,15	46,0	10	223,5
DN 300	51.3037.4.34	500	1115	1425	445	370	400	450	26	40x7	250	0,14	46,0	10	358,0

		PN 40													
diameter	506-GS cast iron	L (mm)	H (mm)	H1 (mm)	P (mm)	d (mm)	d1 (mm)	C (mm)	E (mm)	Sp Ø	Nm	Zeta	U / Hub	pressure range PN	weight (kg)
DN 40	51.3021.4.19	240	300	360	150	88	110	200	18	18x4	28	0,29	14,5	40	15,0
DN 50	51.3021.4.21	250	340	395	165	102	125	200	20	20x4	31	0,26	15,0	40	22,5
DN 65	51.3021.4.24	290	410	490	185	122	145	225	22	24x5	67	0,23	16,0	40	33,0
DN 80	51.3021.4.25	310	415	515	200	138	160	225	24	24x5	79	0,23	21,0	40	36,0
DN 100	51.3021.4.27	350	485	610	235	162	190	250	24	26x5	107	0,21	24,5	40	53,5
DN 125	51.3021.4.28	400	590	730	270	188	220	360	26	26x5	150	0,18	29,5	40	77,5
DN 150	51.3021.4.29	450	670	840	300	218	250	400	28	28x5	200	0,18	33,5	40	103,0
DN 200	51.3021.4.31	550	815	1030	375	285	320	400	34	32x6	225	0,17	37,0	40	172,5
DN 250	51.3021.4.33	650	965	1235	450	345	385	500	38	36x6	250	0,16	46,0	40	284,5
DN 300	51.3021.4.34	750	1155	1380	515	410	450	500	42	44x7	250	0,16	46,0	40	444,0

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