

GATE VALVE STEEL WITH RISING STEM F5 DIN

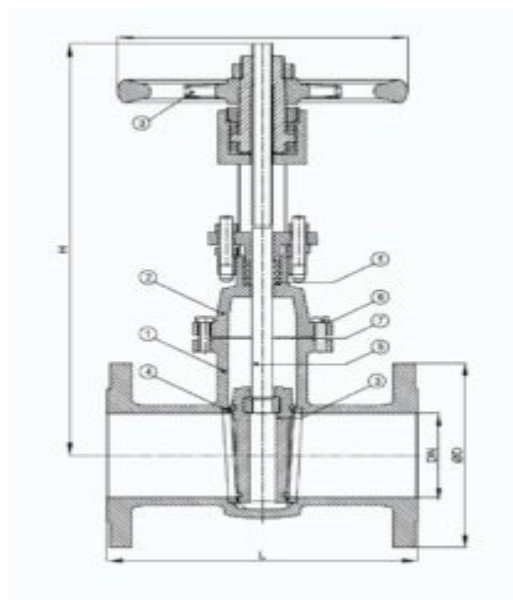
Material 1.0619; DIN GS-C25
Pressure PN 16, PN 25, PN 40

TECHNICAL CHARACTERISTICS

Gate valves are primarily intended to stop the flow of fluid. The valve is closed by turning the handwheel clockwise. It is not recommended to use tools to increase the torque of the handwheel during closing and opening of the wedge. The gate valve can only be used in the fully open or closed position. The specified gate valve is not used for flow regulation.

WORKING FLUID / MEDIUM

Steam, water, thermal oil, fuels, lubricating and combustible hydraulic oils, petroleum, air, gas, non-combustible hydraulic fluids, boiler feed water, condensate, seawater.



Dimensions: DN 50 - 500

No.	DETAILS	MATERIALS	SPECIFICATION	
1	Body	steel GP240GH 1.0619 GSC25	Standard	DIN EN 1171 (DIN 3352 T3)
2	Cover	steel GP240GH 1.0619 GSC25	Conection	DIN flanges EN 1092-1/B (DIN 2501)
3	Wedge	steel GP240GH 1.0619 GSC25	Construction length	EN 558 series 15 (DIN 3202 F5)
4	Seat	stainless steel X5CrNi18-10 (1.4301)	Cover connection	bolted
5	Stem	stainless steel X20Cr13 (1.4021)	Execution	straight
6	Cover seal	metal-graphite	Conection	flanged
7	Packing seal	graphite packing	Opperation	manually with wheel
8	Flywheel	cast iron EN-GJL250 EN-JL 1040	Actuation	multi-turn
			T max. °C	350 °C

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DN	PN	Flanges/PN	L	D		ØP*		nxd		H	R	kg
				PN16	PN40	PN16	PN40	PN16	PN40			
50	PN40	PN16-40	205	165	165	125	125	4x18	4x18	270	225	20
65	PN40	PN16-40	270	185	185	145	145	8b x 18	8x18	295	280	28
80	PN40	PN16-40	280	200	200	160	160	8x18	8x18	325	280	34
100	PN40	PN16-40	300	220	235	180	190	8x18	8x22	360	320	42
125	PN40	PN16-40	325	250	270	210	220	8x18	8x26	450	360	58
150	PN40	PN16-40	350	285	300	240	250	8x22	8x26	500	360	73
200	PN40	PN16-40	400	340	375	295	320	12x22	12x30	560	400	120
250	PN40	PN16-40	450	405	450	355	385	12x26	12x33	620	500	180
300	PN40	PN16-40	500	460	515	410	450	12x26	16x33	730	500	260
350	PN 25	PN16-40	550	520	580	470	510	16x26	16x36	1595	500	350
400	PN 25	PN16-40	600	580	685	525	610	16x30	16x39	1810	640	460
500	PN 25	PN16-40	700	715	755	650	670	20x33	20x42	2195	720	845

Note: The dimensions in column ØP should be considered as the diameters of the bolt circle, as the latter are not indicated in the drawing.