

GATE VALVE STEEL WITH RISING STEM F4 DIN

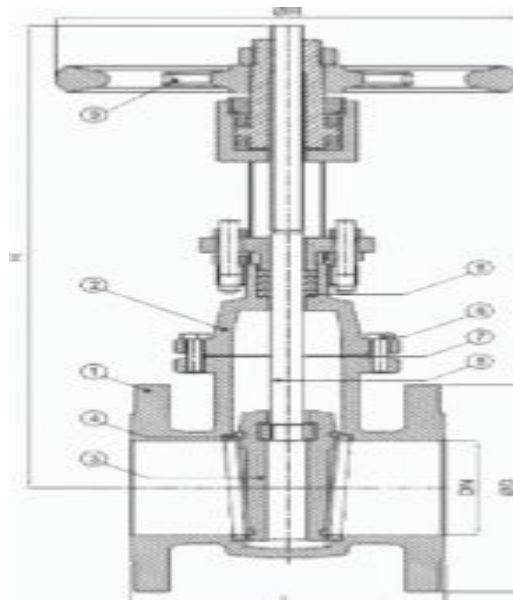
Material 1.0619; DIN GS-C25
Pressure PN 10-16

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 40 - 700

No.	DETAILS	MATERIALS	SPECIFICATION	
1	Body	steel GP240GH 1.0619 GSC25	Standard	DIN 3352 T3
2	Cover	steel GP240GH 1.0619 GSC25	Connection	DIN flanges EN 1092-1/B
3	Wedge	steel GP240GH 1.0619 GSC25	Construction length	EN 558 series 14 (DIN 3202 F4)
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	Operation	manually with wheel
7	Gland seal	graphite packing	Actuation	multi-turn
8	Handwheel	cast iron EN-GJL250, EN-JL 1040	T max. °C	350 °C

GATE VALVE STEEL WITH RISING STEM F4 DIN

Material 1.0619; DIN GS-C25

Pressure PN 10-16

DN	PN	Flanges/PN	L	D		ØP*		nxd		H	R	Weight (kg)
				PN10	PN16	PN10	PN16	PN10	PN16			
40	PN 16	PN16	140	150		110		4x18		230	140	15.0
50	PN 16	PN16	150	165		125		4x18		235	140	17.0
65	PN 16	PN16	170	185		145		4x18		260	160	20.0
80	PN 16	PN16	180	200		160		8x18		285	160	27.0
100	PN 16	PN16	190	220		180		8x18		320	200	34.0
125	PN 16	PN16	200	250		210		8x18		395	200	50.0
150	PN 16	PN16	210	285		240		8x23		435	200	60.0
200	PN 10	PN16	230	340		295		12x23		555	250	100.0
250	PN 10	PN10/16	250	395	405	350	355	12x23	12x26	645	315	165.0
300	PN 10	PN10/16	270	445	460	400	410	12x23	12x30	1160	500	220.0
350	PN 6	PN10/16	290	505	520	460	470	16x26	16x30	1305	500	250
400	PN 6	PN10/16	310	565	580	515	525	16x26	16x30	1405	640	292
500	PN 6	PN10/16	350	670	715	620	650	20x26	20x33	1785	720	530
600	PN 4	PN10/16	390	780	840	725	770	20x30	20x36	1935	720	640
700	PN 4	PN10/16	430	895	910	840	840	24x30	24x36	2200	800	830

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.