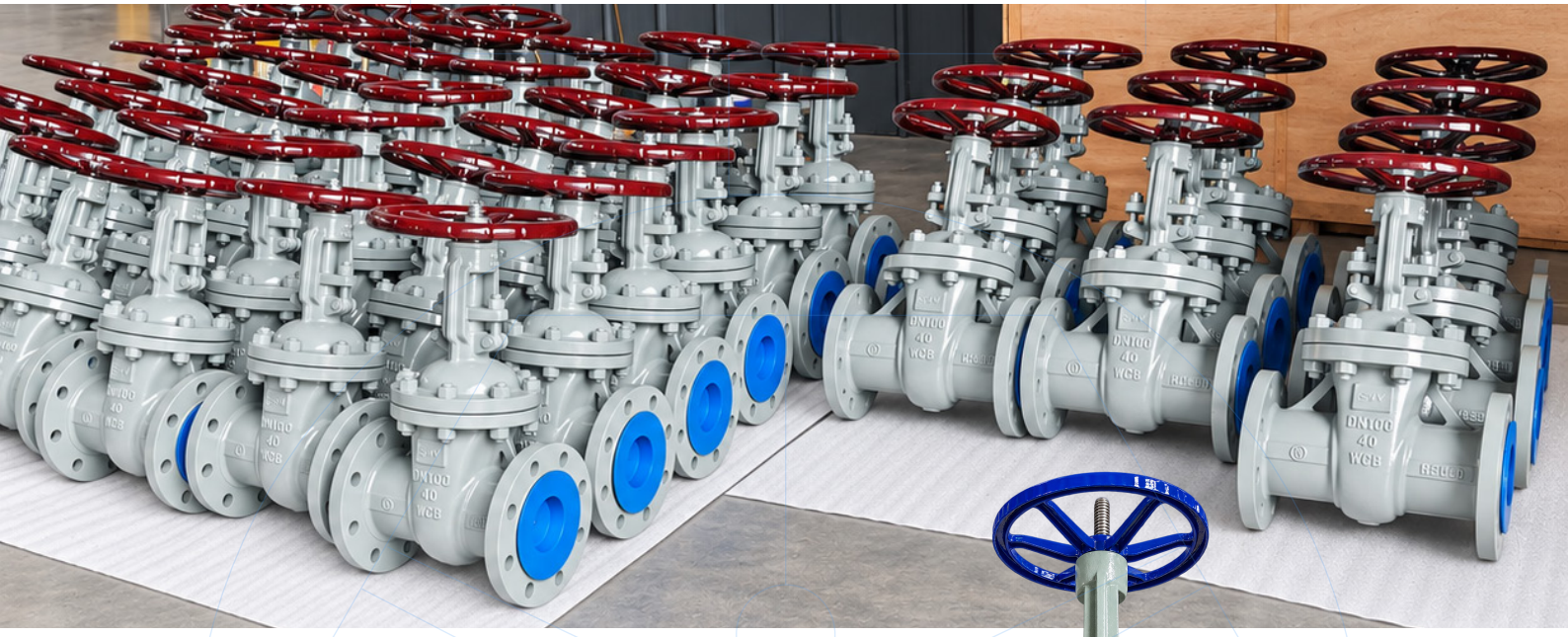
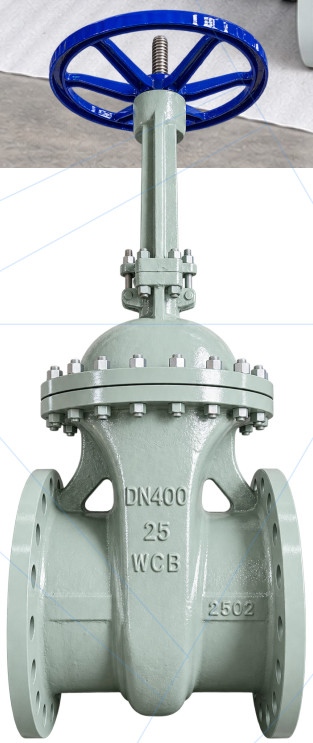
METAL SEAT GATE VALVES

RISING STEM PN16-25-40-63

Ref. 122A-LOA / PN 16-25-40-63





Application
Water and sewage hydraulic installations.
Industrial applications.
Heating installations.

Approvals/Standards
Design: DIN 3352
Manufacture according to: EN 1074-2./GB/T12232-1989
Face to Face: EN 558-1 Series 15/26 (F5/F7)
Mounting between flanges: PN16/25/40/63 EN 1092-2, ISO 7005-2.
Pressure Tests acc. to EN 12266-1 Rate A. GB/T13927-1992
Pressure Tests: Body: 1,5 x PN. Seat: 1,1 x PN

Range
DN50-600, PN16-63

GENERAL CHARACTERISTICS

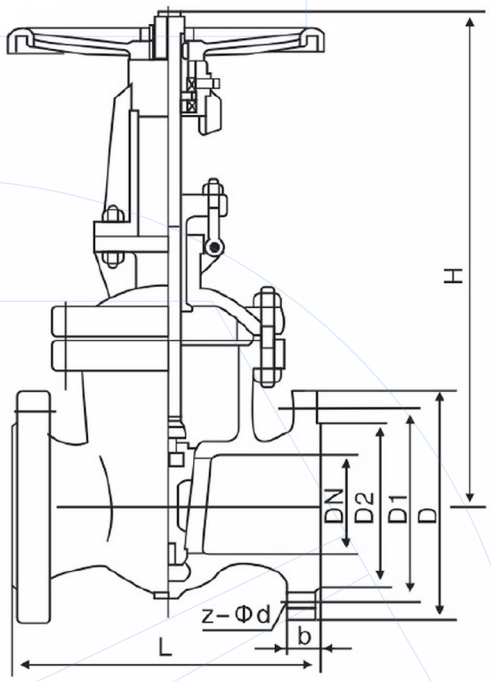
Sizes DN50 to DN600.
Full bore.
Minimum head loss.
Low torque values.
Working pressure PN16/25/40/63.

WORKING CONDITIONS

Pressure ratings: up to 6.3 Mpa.
Working temperature: -29ºC + 425ºC

Nº	ITEM	MATERIAL
	Body	WCB
	Wedge disc	WCB
	Stem	AISI 420
	Yoke nut	Brass
	Packing	Graphite
	Handwheel	Cast iron

Components may be replaced with materials of equivalent or superior grade without prior notice, in accordance with our continuous improvement policy.



PN16 - PN25

DN	L	H	D		D1		D2		z-Ød		b	
	F5		PN16	PN25	PN16	PN25	PN16	PN25	PN16	PN25	PN16	PN25
50	250	406	165		125		99		4-19		22	22
65	265	446	185		145		118		8-19		22	24
80	280	516	200		160		132		8-19		22	26
100	300	600	220	235	180	190	156	166	8-19	8-23	24	28
125	325	670	250	270	210	220	184	194	8-19	8-28	26	30
150	350	778	285	300	240	250	211	221	8-23	8-28	26	34
200	400	973	340	360	295	310	266	281	12-23	12-28	30	34
250	450	1186	405	425	355	370	319	334	12-28	12-31	32	36
300	500	1382	460	485	410	430	370	390	12-28	16-31	32	40
350	550	1543	520	555	470	490	429	449	16-28	16-34	36	44
400	600	1729	580	620	525	550	480	505	16-31	16-37	38	48
450	650	1915	640	670	585	600	530	545	20-31	20-37	40	50
500	700	2122	715	730	650	660	582	592	20-34	20-37	42	52
600	800	2520	840	845	770		628		20-37	20-40	48	56

Disclaimer: Although care has been taken to ensure the accuracy of this information, users must verify product suitability for their specific application. Dimensions are nominal and should be confirmed if critical. No warranty, express or implied, is given unless stated in a formal agreement. Check more information at: davincivalves.com or contact us at: valves@davincivalves.com

PN40 - PN63

DN	L	H		D		D1		D2		z-Ød		b	
	F7	PN40	PN63	PN40	PN63	PN40	PN63	PN40	PN63	PN40	PN63	PN40	PN63
50	250	421	431	165	180	125	135	102	112	4-19	4-23	22	26
65	280	446	446	185	205	145	160	122	137	8-19	8-23	24	26
80	310	536	536	200	215	160	170	138	148	8-19	8-23	26	30
100	350	622	622	235	250	190	200	162	172	8-23	8-28	28	32
125	400	722	722	270	295	220	240	188	208	8-28	8-31	30	34
150	450	807	807	300	345	250	280	218	248	8-28	8-34	34	36
200	550	1003	1057	375	415	320	345	285	305	12-31	12-37	40	48
250	650	1240	1251	450	470	385	400	345	360	12-34	12-37	46	55
300	750	1427	1427	515	530	450	460	410	420	16-34	16-37	50	65
350	850	1577	1577	580	600	510	525	465	480	16-37	16-40	54	72
400	950	1764	1790	660	670	585	585	535	535	16-40	16-43	62	80
450	1050	1960	---	685	---	610	---	560	---	20-40	---	/	/
500	1150	2158	2158	755	800	670	705	615	640	20-43	20-49	/	/
600	1350	2576	2576	890	930	795	820	735	750	20-49	20-57	/	/

PRESSURE-TEMPERATURE REFERENCE / ASTM A216 WCB

T (ºC)	PN16	PN25	PN40	PN63
-20 to +200	16.0	25.0	40.0	63.0
250	15.6	24.4	39.0	61.5
300	14.0	22.0	35.2	55.5
350	12.9	20.2	32.3	51.0
400	11.8	18.4	29.5	46.5
425	9.1	14.3	22.8	36.0



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CONTACT US

DAVINCI VALVES
ORDER REQUEST

Ref. 122A-LOA / PN 16-25-40-63





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