

DIN FLANGED RESILIENT NRS GATE VALVE

Type: XZ45X39

Doc No.: DS-933-XZ45X39-01-E-X

1.0 PRODUCT OVERVIEW

The valve is mainly used to connect and cut off the medium in the pipeline by rotating the stem. Its transmission thread is inside the body cavity, which can save installation space.



Dimensions:

2"(DN50)-16"(DN50-DN400)

Design Standard:

DIN EN 1171

Connection Standard:

DIN EN 1092-2

Sign Off:

Owner: _____ Contractor: _____ Engineer: _____
Location: _____ Date: _____ Approved & Date: _____

Working Pressure:

PN16、PN10

Application:

This DIN flanged resilient NRS gate valve is applied at the waterworks system, the working temperature is 0°C-80°C.

Material of Matching Products:

Ductile iron flange according to DIN EN 1092-2

Cast iron flange according to DIN EN 1092-2

Steel flange according to DIN EN 1092-1

Surface Treatment:

- ☐ Epoxy power painting (color numbers as RAL5002, RAL5005, etc)
- ☐ Painting (color numbers as RAL5005, etc)
- ☐ Others would be available upon clients' detailed request

2.0 APPROVALS

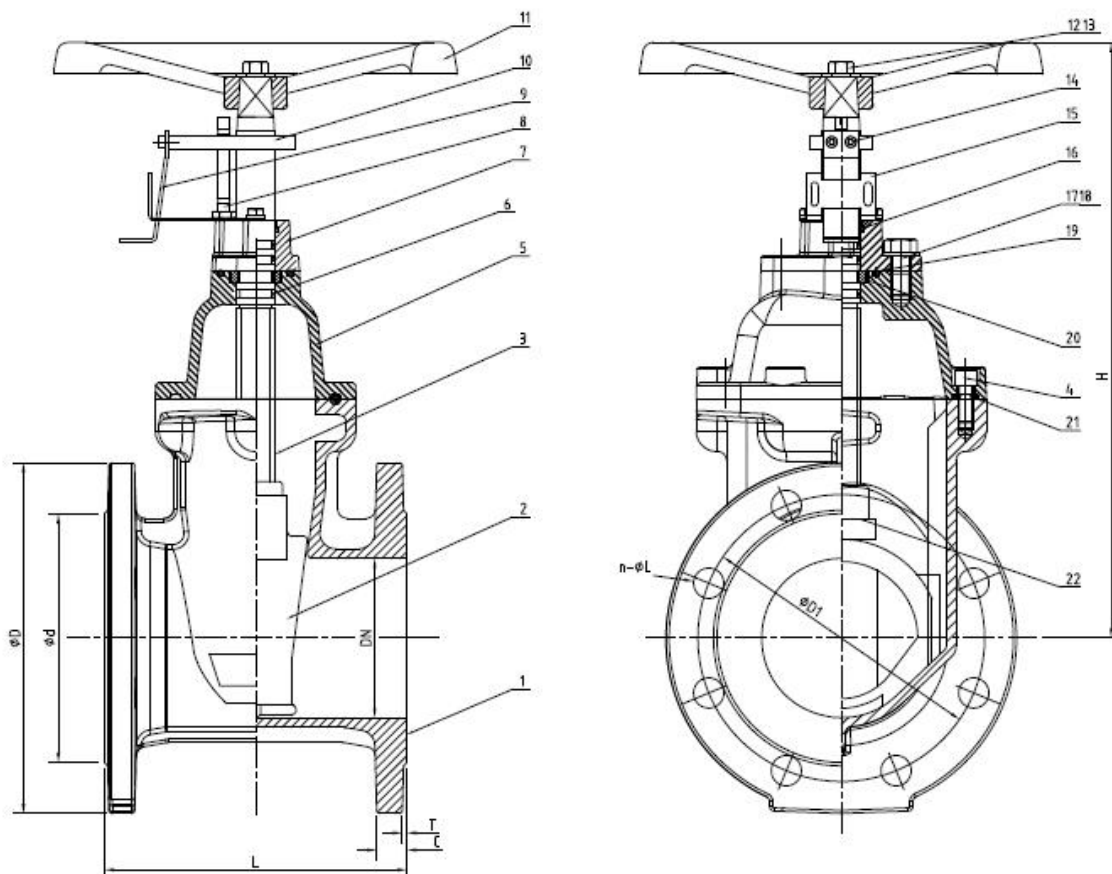


3.0 SPECIFICATIONS

Product Sketch:

Sign Off:

Owner: _____ Contractor: _____ Engineer: _____
Location: _____ Date: _____ Approved & Date: _____



Part No.	Part	Standard Specification	Options
1	Valve Body	EN-GJS-450-10	
2	Resilient Wedge disc	EN-GJS-450-10+EPDM	
3	Stem	SS420	SS304,SS316,SS431
4	Bolt	Carbon Steel Zinc Plated	SS304,SS316
5	Bonnet	QT450-10	
6	O-Ring	NBR	EPDM
7	Gland	EN-GJS-450-10	
8	Position Fixing Spindle	SS316	
9	Limit Plate (normally open gate valve)	SS316	
10	Position Fixing Plate	Hbp59-1	
11	Handwheel	EN-GJS-450-10	
12	Bolt	SS304	SS316
13	Flat Washer	SS304	SS316
14	Bolt	SS304	SS316
15	Fixed Plate	SS316	
16	Ring Wiper	EPDM	NBR

Sign Off:

Owner: _____ Contractor: _____ Engineer: _____
Location: _____ Date: _____ Approved & Date: _____

17	Bolt	Carbon Steel Zinc Plated	SS304,SS316
18	Flat Washer	Carbon Steel Zinc Plated	SS304,SS316
19	O-Ring	NBR	EPDM
20	Thrust Washer	Brass Hpb59-1	Bronze ZQSn5-5-5
21	Bonnet Gasket	EPDM	
22	Wedge nut	C95400	Bronze ZQSn5-5-5

4.0 DIMENSIONS AND PERFORMANCE

4.1 Dimensions

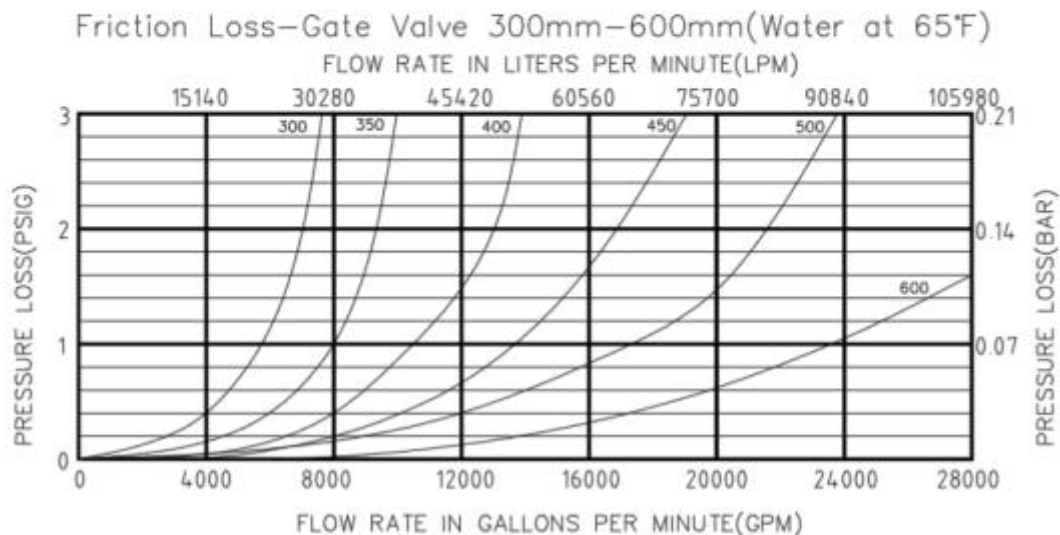
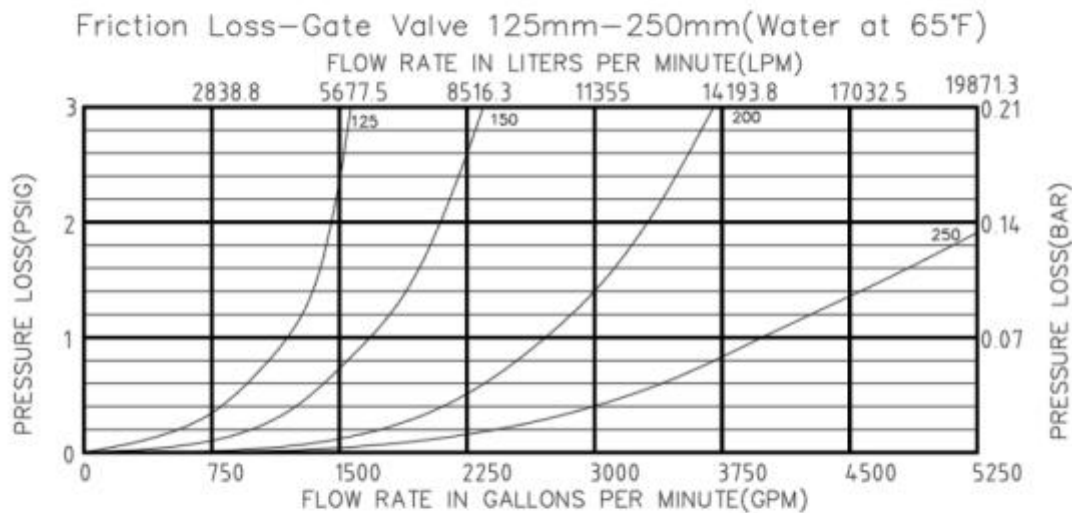
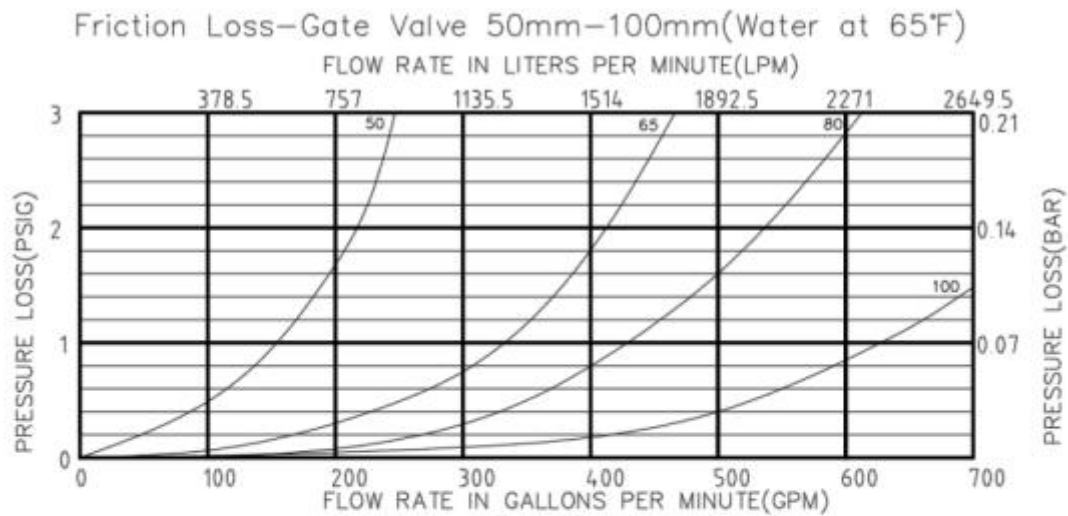
DN		Pressure	Dimensions(mm)							
Inch	mm	PN	L	H	D	D1	d	C	T	n-ΦL
2"	50	10/16	150	282	165	125	99	19	3	4-Φ19
2 1/2"	65	10/16	170	290	185	145	118	19	3	4-Φ19
3"	80	10/16	180	331	200	160	132	19	3	8-Φ19
4"	100	10/16	190	366	220	180	156	19	3	8-Φ19
5"	125	10/16	200	447	250	210	184	19	3	8-Φ19
6"	150	10/16	210	490	285	240	211	19	3	8-Φ23
8"	200	10	230	560	340	295	266	20	3	8-Φ23
		16								12-Φ23
10"	250	10	250	706	405	350	319	22	3	12-Φ23
		16				355				12-Φ28
12"	300	10	270	802	460	400	370	24.5	4	12-Φ23
		16				410				12-Φ28
14"	350	10/16	290	1028	520	470	429	26.5	4	16-Φ28
16"	400	10/16	310	1004	580	525	480	28	4	16-Φ31

4.2 Flow rates

DN	DN50	DN65	DN80	DN100	DN125	DN150	DN200	DN250	DN300	DN350	DN400
Kv	40.7	64.6	94	162.8	254.4	366.3	651.1	1017.4	1456	1960	2635

Sign Off:

Owner: _____ Contractor: _____ Engineer: _____
Location: _____ Date: _____ Approved & Date: _____



Sign Off:

Owner: _____ Contractor: _____ Engineer: _____
 Location: _____ Date: _____ Approved & Date: _____

5.0REFERENCE MATERIALS.

Approved certification for Gate Valve

Note: This document contains only basic product information. The information, photos, and drawings are not contractually binding. In all cases, the manufacturer's complete technical documentation remains the reference. Please note that certificates, test reports, and certifications may be issued in the name of the original equipment manufacturer.

Sign Off:

Owner: _____ Contractor: _____ Engineer: _____
Location: _____ Date: _____ Approved & Date: _____