

Threaded End 800 PSI

Stainless Steel

GATE VALVES



Features

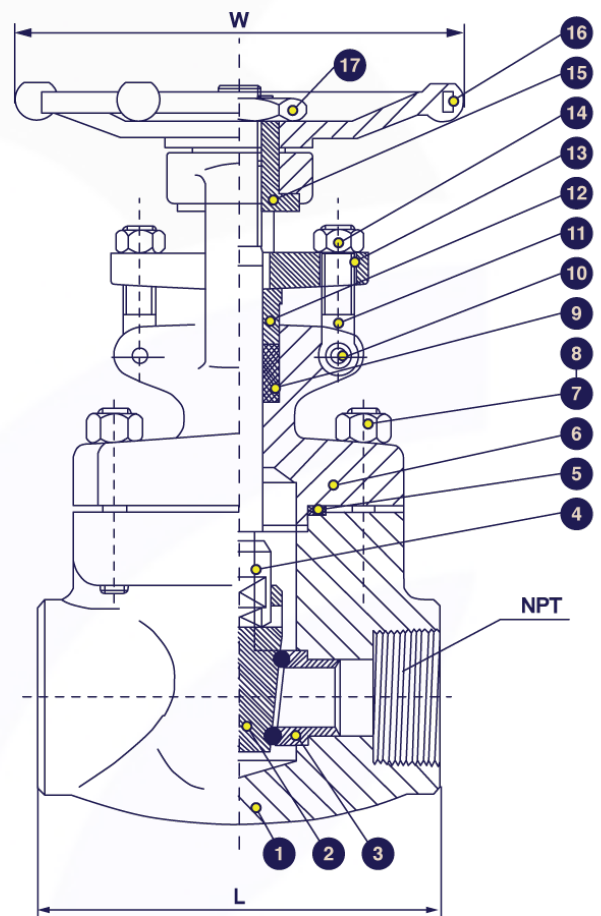
- Threaded End: NPT
- Size: 1/2" – 2" (DN15 – DN50)
- Valve Body Material: SS316
- Working Pressure: 800 PSI
- Applicable Medium: General oil, gas and water applications
- Temperature Range: ≤ 200°C



**Threaded End SS316
Gate Valves 800 PSI**

Material List

No.	Part Name	Material
1	Body	F316
2	Wedge	316 + STL
3	Seat	316 + STL
4	Stem	316
5	Gasket	316 + Graphite
6	Bonnet	F316
7	Stud Bolt	SS304
8	Nut	SS304
9	Packing	Graphite
10	Pin	304
11	Gland Eyebolt	SS304
12	Gland	316
13	Gland Flange	F304
14	Hex Nut	SS304
15	Stem Nut	410
16	Handwheel	A197
17	Locking Nut	ASTM1035



Technical Specifications

1. Basic design and manufacture according to API 602
2. Inspection and test for according to API 598
3. Connection screw for the valve according to ASME B1.20.1

Main Technical Parameter			
Nominal Pressure		800 PSI	
Test Pressure	Strength Test	21.5	MPa
	Back Seat Test	15.5	
	Sealing Test	15.5	
	Air Sealing Test	0.6	
Max Working Temperature		≤ 200 °C	
Applicable Medium: General oil, gas & water			

Ordering Information

VL	-	S	-	GA	-	N	-	800	-	08
I		II		III		IV		V		VI

I	Type of Item		
VL	Low Pressure Valves		

II	Material Grade		
S	SS316, CF8M	CI	Cast Iron
FS	Forged Steel	CS	Cast Steel
B	Brass		

III	Item		
GA	Gate Valve	B1	1 PC Ball Valve
GL	Globe Valve	B2	2 PC Ball Valve
YS	Y-Strainer	B3	3 PC Ball Valve
SC	Swing Check Valve	BL	3 Way Ball Valve L Port
VC	Vertical Check Valve	BT	3 Way Ball Valve T Port
WC	Wafer Check Valve	BMF	Male x Female Mini Ball Valve
DD	Dual Disk	BU	Butterfly Valve

IV	Connection Type		
SW	S/W	G	BSPP
BW	B/W	N	NPT
R	BSPT	F	Flange End
W	Wafer	L	Lug

V	Pressure		
200	200 PSI	2000	2000 PSI
300	300 PSI	150	ANSI 150# Flange Standard
600	600 PSI	10K	JIS 10K Flange Standard
800	800 PSI	PN16	PN 16 Flange Standard
1000	1000 PSI		

For Inch OD & Inch NB Sizes

VI	Size							
Size	1/8"	1/4"	5/16"	3/8"	1/2"	5/8"	3/4"	1"
Code	02	04	05	06	08	10	12	16
Size	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"
Code	20	24	32	40	48	64	80	96

VII	Coating		
(None)	No Additional Coating		
NI	Nickel Plating		

Dimension List

NPS	DN	L	W	Weight (Kg)
1/2"	15	80	100	2.20
3/4"	20	90	100	2.45
1"	25	112	122	4.10
1 1/4"	32	120	155	5.75
1 1/2"	40	120	157	6.70
2"	50	132	180	10.35

Part Number Reference

Part No	Description
VL-S-GA-N-800-08	1/2"NPT SS316 GATE VALVE 800 PSI STELLITE HARD FACED DISC AND SEAT
VL-S-GA-N-800-12	3/4"NPT SS316 GATE VALVE 800 PSI STELLITE HARD FACED DISC AND SEAT
VL-S-GA-N-800-16	1"NPT SS316 GATE VALVE 800 PSI STELLITE HARD FACED DISC AND SEAT
VL-S-GA-N-800-20	1 1/4"NPT SS316 GATE VALVE 800 PSI STELLITE HARD FACED DISC AND SEAT
VL-S-GA-N-800-24	1 1/2"NPT SS316 GATE VALVE 800 PSI STELLITE HARD FACED DISC AND SEAT
VL-S-GA-N-800-32	2"NPT SS316 GATE VALVE 800 PSI STELLITE HARD FACED DISC AND SEAT



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