



**Forged Gate Valves**  
**Fig. C800 Class 800**  
**Size ½" – 2" (DN 15 – 50)**

PDS – JC-C800 Rev.0



# **FIG. C800**

# **GATE VALVE**

API 602, MSS SP 118 & ASME B16.34

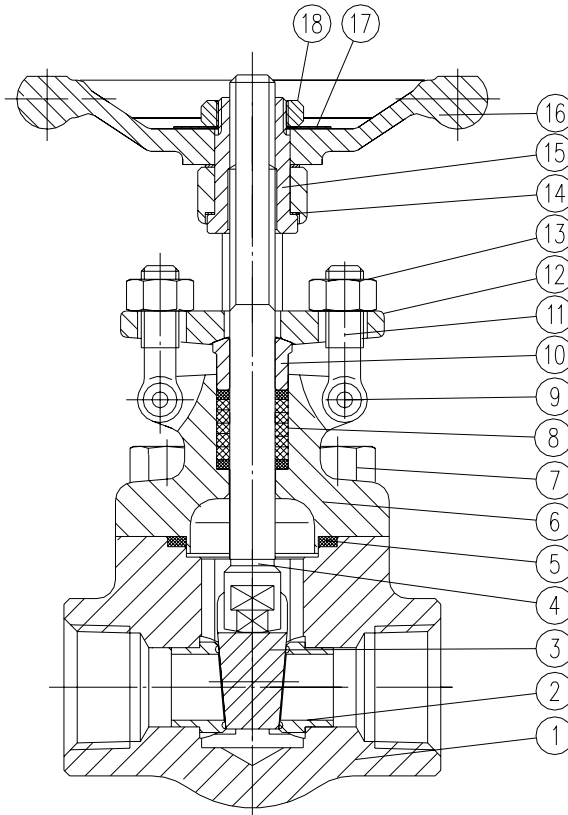
Connections according to:

ANSI B 1.20.1 (NPT)

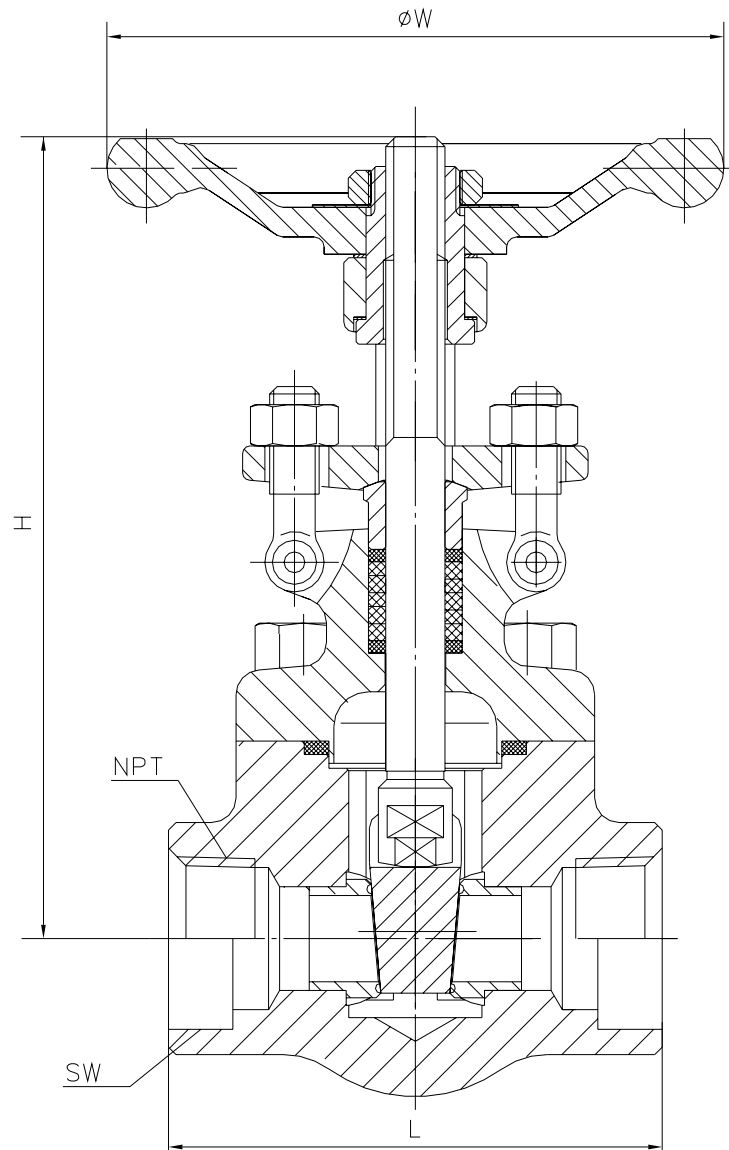
ANSI B 16.11 (SW)



**Parts and materials**



Item	Description	Material	
		Carbon Steel	Stainless Steel
1	Body	A 105	A 182 F316L
2	Seat	A 182 F6A + STL	A 182 F316L + STL
3	Gate	A 182 F6A	A 182 F316L
4	Stem	AISI 410	A 182 F316L
5	Gasket	AISI 304 + Graphite	AISI 316 + Graphite
6	Bonnet	A 105	A 182 F316L
7	Bolt	A 193 B7	A 193 B8M
8	Packing	Flexible Graphite + Carbon Fibre	
9	Pin	AISI 420	AISI 304
10	Packing Gland	AISI 420	AISI 316L
11	Eye Bolt	A 193 B8	A 193 B8M
12	Gland Flange	A 105	A 182 F316L
13	Hex Nut	A 194 8	A 194 8M
14	Washer	AISI 410	
15	Yoke Nut	AISI 410	
16	Handw heel	A 197	
17	Nameplate	Aluminium	
18	Hex Nut	1035 Zinc Plated	



**Dimensions**

SIZE	L	NPT	$\phi W$	H
1/2" (DN 15)	73	1/2"	100	144
3/4" (DN 20)	80	3/4"	100	150
1" (DN 25)	100	1"	125	180
1 1/4" (DN 32)	114	1 1/4"	160	216
1 1/2" (DN 40)	120	1 1/2"	160	235
2" (DN 50)	130	2"	180	270

(\*) Dimensions in mm.



# Forged Gate Valves

## Fig. C800 Class 800

### General Characteristics, P&T Rating

GENERAL CHARACTERISTICS	Forged Gate Valve		
<b>DESIGN STANDARDS</b>			
Valves design	API 602	ASME B 16.34	
Connections	ANSI B 1.20.1	ANSI B 16.11	
Face to face dimensions	Manufacturer's standard		
<b>TESTS AND CERTIFICATES</b>			
Quality Assurance	API 598		
	ISO 9001		
Pressure testing	EN 12266-1		
Marking	EN 19		

**Pressure-Temperature**

