



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)

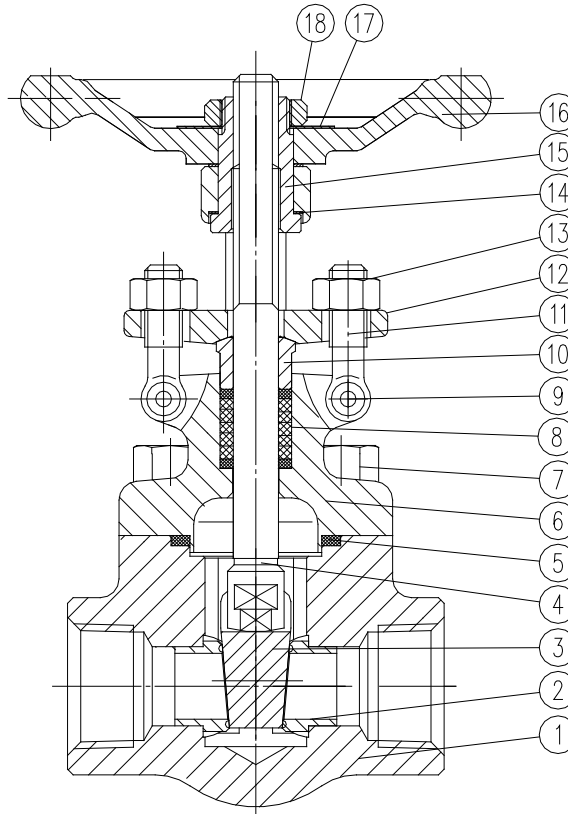


Forged Gate Valves

Fig. C800 Class 800

Parts and Materials

Parts and materials

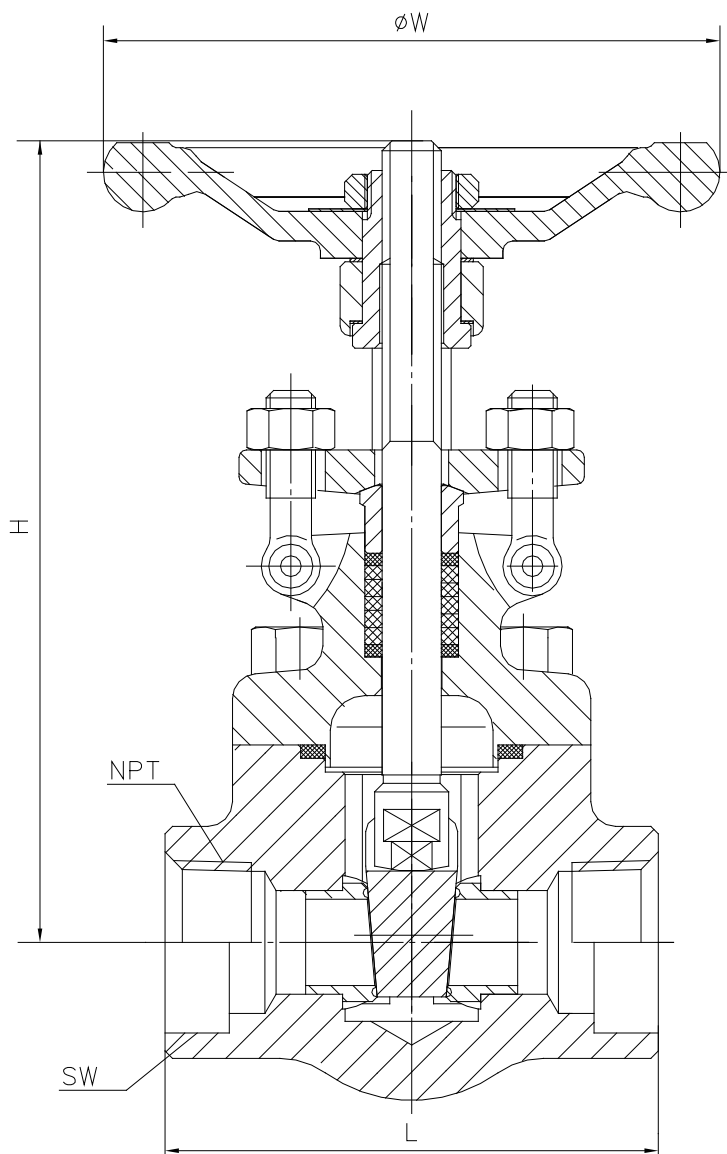


Item	Description	Material	
		Carbon Steel	Stainless Steel
1	Body	A 105N	A 182 F316L
2	Seat	A276 410 + STL	A276 316 + STL
3	Gate	A276 410 + STL	A276 316
4	Stem	A276 410	A276 316
5	Gasket	AISI 316 + Graphite	AISI 316 + Graphite
6	Bonnet	A 105N	A 182 F316L
7	Bolt	A 193 B7M	A 193 B8M
8	Packing	Graphite	
9	Pin	A276 304	A276 316
10	Packing Gland	A276 410	A276 316
11	Eye Bolt	A 193 B7M	A 193 B8M
12	Gland Flange	A 105N	A 182 F316
13	Hex Nut	A 194 2HM	A 194 8M
14	Washer	A276 410	
15	Yoke Nut	A276 410	
16	Handwheel	A 197	
17	Nameplate	Aluminium	
18	Hex Nut	A 194 2H	A 194 8

Forged Gate Valves

Fig. C800 Class 800

Dimensions



Dimensions

SIZE	L	NPT	ØW	H	Weight
½" (DN 15)	79	½"	100	157	2
¾" (DN 20)	92	¾"	100	157	2,2
1" (DN 25)	111	1"	120	185	3,5
1¼" (DN 32)	120	1¼"	160	226	5,5
1½" (DN 40)	120	1½"	160	241	6,4
2" (DN 50)	140	2"	220	273	9,3

(*) Dimensions in mm and weight in kg.

Note:

Dimensions not subject to International Standards can vary in $\pm 10\%$. ICP reserves the right to change those dimensions without notice, due to they do not affect integrity and performance of the valves.

ICP VALVES S.A.

E-Mail: sales@icp-valves.com

Internet: www.icp-valves.com

Authorized Distributor

Forged Gate Valves

Fig. C800 Class 800

General Characteristics, Torque, KV, P&T Rating

GENERAL CHARACTERISTICS	Forged Gate Valve			
DESIGN STANDARDS				
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			
TESTS AND CERTIFICATES	API 598			
Quality Assurance	ISO 9001			
Pressure testing	EN 12266-1			
Marking	EN 19			

Kv Values in m3/h

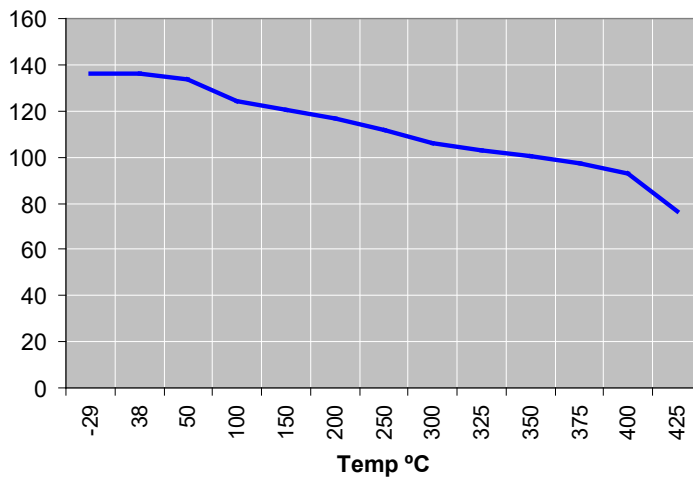
VALVE SIZE	Kv	VALVE SIZE	Kv
½" (DN 15)	5,6	1¼" (DN 32)	39
¾" (DN 20)	9,6	1½" (DN 40)	58
1" (DN 25)	21,6	2" (DN 50)	98

Pressure-Temperature

ASTM A105

MATERIAL

P Bar



— A 105
— A 182 F316L

P Bar

