Gate Forged Steel A105 Class 800

Body and Bonnet Forged Steel A105
Bolted Bonnet
Design, Manufacture,
Test in accordance with API 602
Rising Stem OS&Y
Norm to steel valves ANSI/ASME B16.34
Threaded ends NPT to ANSI/ASME B1.20.1
Ends weld (SW) ANSI/ASME B16.11
Face to Face dimensions: ANSI/ASME B16.10
Hydrostatic Testing API 598
Diameters: 1/2 " to 2"

** Certification pending to norm API 602 from American Petroleum Institute*



* Reference photo

PRESSURE TEMPERATURE RATINGS

Temperature °F/°C	Pressure worked lbs/inch2 (PSI)
	Class 800
(-) 20 °F / (-) 29 °C to (+) 100 °F / (+) 38 °C	1975
200 °F / 93 °C	1800
300 °F / 149 °C	1750
400 °F / 204 °C	1690
500 °F / 260 °C	1595
600 °F / 316 °C	1460
650 °F / 343 °C	1430
700 °F / 371 °C	1420
750 °F / 399 °C	1345
800 °F / 204 °C	1100
850 °F / 455 °C	715

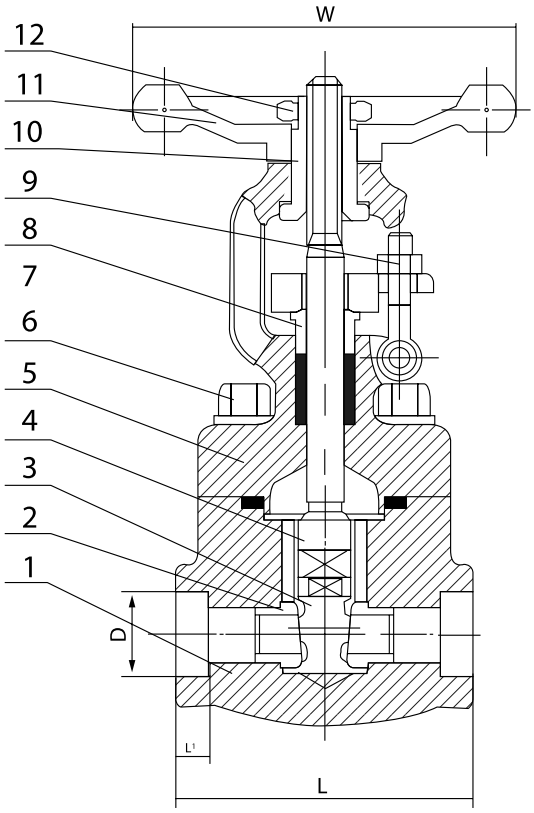
* Note : Dimensions, design and materials are subject to change without notice.

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MATERIALS

	PART NAME	MATERIAL
1	BODY	ASTM A105
2	SEAT	13% Cr
3	WEDGE	13% Cr
4	STEM	ASTM A182 F6a
5	BONNET	ASTM A105
6	BONNET BOLT	ASTM A 193 B7
7	PACKING	FLEXIBLE GRAPHITE
8	GLAND BUSTING	ASTM A276 410
9	EYE BOLT	ASTM A194 2H
10	YOQUE NUT	ASTM A276 460
11	HANDWHELL	ASTM A197
12	LOCK NUT	ASTM A194 2H

TEST API 598



DIMENSIONS (mm)

SIZE	L	D	L1	W	WEIGHT (KG)
1/2″	87	20.2	13	89	1
3/4″	92	27.1	13	100	2
1″	111	33.8	13	125	4
1-1/2″	120	48.6	13	180	7
2″	140	61.2	16	200	11

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