



GATE VALVES

STANDARD / EXTENDED BODY / BELLOWS SEAL



713.590.1312 • www.smithvalves.com • sales@smithvalves.com

A REPUTATION FOR QUALITY AND SERVICE
THAT HAS BEEN **FORGED** OVER A SOLID
HALF CENTURY...



CONTENTS

01

02

03

04

05

06

07

08

09





OUR STORY

1956

THE BEGINNING

Smith Valves was founded by James Dewolf Smith in 1956 to produce forged gate, globe, and check valves for use primarily in the petrochemical industry. By the mid-1970s, the company had become one of the industry's largest producers of industrial gate, globe, check and ball valves under the 2.5" size. Soon thereafter, exotic stainless and alloy components were added to the product line.

2011

THE END OF AN ERA

In March of 2000, the Newdell Company bought Smith and moved production to Italy. Six years later operations returned to the United States in Houston, Texas. In 2011, ERIKS acquired the Newdell Company as part of its strategy to build a comprehensive platform for flow technology in North America. CNC Flow Control was created in 2017 as part of this initiative and Smith became a brand under the CNC Flow Control Group.

2020

NEW BEGINNINGS

In October 2020, Smith Valves Company, LLC purchased the trademarks and all assets related to Smith Valves from CNC Flow Control. Smith continues its customer-driven focus as a globally approved brand with a proven reputation of excellence in quality and service.



GATE • GLOBE • CHECK •
BELLOW SEAL • CRYOGENIC
• Y-PATTERN

FORGED STEEL

THREADED ENDS
SOCKETWELD ENDS
FLANGED ENDS
BUTTWELD ENDS

RISEING HANDWHEEL
NON-RISEING HANDWHEEL

SOLID WEDGE DISC

FLEX WEDGE DISC

SPLIT WEDGE DISC

PLUG DISC

TEFLON DISC

½"–3"
CL150 — CL4500

CARBON STEEL
STAINLESS STEEL
ALLOY 20 • DUPLEX
HIGH NICKEL ALLOY
TITANIUM • ZIRCONIUM

FORGED VALVES

Smith Valves is one of the oldest valve brands for API 602 forged steel valves in the industry today. Producing a broad range of gate, globe and check valves utilized in the oil and gas, refinery, petrochemical and many other industries throughout the world, Smith delivers!



GATE VALVES



GLOBE VALVES



CHECK VALVES



CRYOGENIC VALVES



BELLOWS SEAL
VALVES



Y-PATTERN VALVES
BOLTED BONNET &
BONNETLESS



HANDWHEEL COLOR CODING

Unique color coding for gate & globe valves. Handwheel color indicates body-bonnet material or special packing.

BLUE ASTM A105 Carbon Steel
WHITE ASTM 182 F5 5 Cr, 1/2 Mo
PURPLE MONEL
YELLOW ASTM A182 F11 1 1/4, Cr, 1/2 Mo
GREEN ASTM 182 F9 9 Cr, 1 Mo
ORANGE ASTM A350 LF2 Low Temp
PINK F20 (ALLOY 20)
SILVER ASTM A182 F316 ASTM A182 F316L 316 SS
BROWN ASTM A182 F22 2 1/2 Cr, 1 Mo
RED Teflon Packing Gaskets or Seals 500F/250C Max Temp



Stainless steel nameplate color indicates trim material (gate, globe, check)



13 Cr Stainless
Soft Stem, Wedge &
Seats per NACE



316 Stainless Steel Trim



Standard 13 Cr Trim,
Stem, Wedge
Hard-Faced Seat Rings



Special Trim



Monel Trim

GATE VALVE PORTFOLIO



Standard Forged Steel

Styles: 0800/0870, 0888/5870, 0850/0890,
1500/1570, 1588/1578, 2578, 0815, 0830, 0860,
5815, 5830, 0895, 2595

Smith Forged Gate Valves feature an outside stem and yoke (OS&Y), are available in Class 150-2500, and have conventional or full ports with either threaded, socketweld, buttweld or RF ends. All are manufactured in accordance with API 602 and ASME B16.34 standards.



Extended Body

Styles: 0811/0876, 0812/0877, 0813/0878,
0814/0879, 1577, 0874, 0875, 1575

Smith Extended Body Gate Valves feature an outside stem and yoke (OS&Y), are available in Class 800 and have conventional ports with female NPT x butt weld reinforced extended ends. All are manufactured in accordance with API 602 and ASME B16.34 standards.

Part Numbering System

Valve Material Option Codes

(PREFIX) + STYLE CODE + MATERIAL SELECTION PER TABLE BELOW

C E B 8 0 0 O S O

	BODY/BONNET COVER	API TRIM #	TRIM MATERIAL			PACKING	SPRING ⁶
			STEM	WEDGE/DISC ⁷	SEAT ⁷		
A	A182-F51	A	10	316	316	A	GRAPHITE V-RINGS
B	A182-F347	B	11	MONEL	MONEL	B	
C	A182-F5	C		MONEL K500	MONEL	C	CHESTERTON 1600
D	A182-F316H	D	9	MONEL NACE	MONEL NACE	D	
E	B564-N10276	E		INCONEL 625	HF	E	GARLOCK EVSP 9000
F	B462-N08020	F	13	ALLOY 20	ALLOY 20	F	
G	A182-F9	G		317L	317L	G	
H	A182-F321	H		347H	HF	H	
I	A182-F347H	I		347H	HF	I	INCONEL X-750 ⁶
J	A182-F316DC	J		316H	316H	J	
K	A182-F11, CL.2	K		410 NACE	420 NACE	K	
L	A182-F317DC	L		321	HF	L	
M	B564-N06625	M		316H	HF	M	BRAIDED TFE
N	A182-F22, CL.3	N		304L	304L	N	
O	A105 ²	O	8	410	420	O	GRAPHITE W/BRAIDED ENDS ⁶ 302/316L ⁶
P	A182-F91	P		INCOLOY 825	HF	P	
Q	B564-N04400	Q	18	ALLOY 20	HF	Q	
R	A182-F304DC	R		F51	F51	R	
S	A105 ²	S	12	316	316	S	SLADE 3300G
T	A350-LF2, CL.1 ³	T	5	410	HF	T	
U	A350-LF2, CL.1 ³	U		F53	HF	U	
V	A182-F304H	V		304H	304H	V	TFE V-RINGS VACUUM
W	B564-N08825	W	16	316	HF	W	GARLOCK - GRAPHITE W/ CERAMIC RING
X	A182-F53	X		HAST - C276	HAST - C276	X	TFE V-RINGS
Y	A105 ²	Y		304H	HF	Y	
Z	***	Z	***	***	***	Z	***

1. For ASTM material specification, refer to EDC 001 for body/bonnet, EDC 006 for stem, EDC 005 for wedge/disc, EDC 004 for seat, EDC 019 for packing, EDC 011 for spring

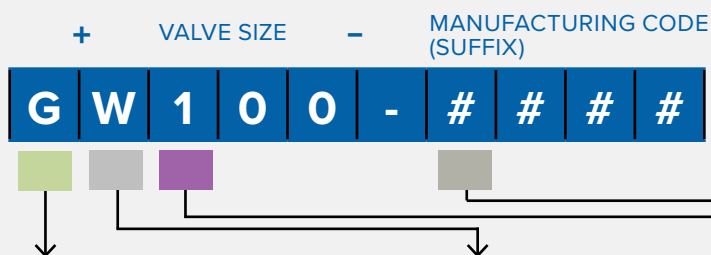
2. For A105 Body/Bonnet/Cover use O for Standard service, S for HF acid service, and Y for NACE service.

3. For A350-LF2, Cl. 1 Body/Bonnet/Cover use T for Standard service, and U for NACE service.

4. For all welded valves, use "O" for the gasket code.

5. Wedges/discs base material shall be compatible with the pressure/temperature rating and at least equal in corrosion resistance as the body material.

6. For spring loaded check valves only, the third digit of the material option code will represent the spring material. The letter "O" may be used for 302 or 316L stainless steel springs. 316L



	GASKET		END CONNECTIONS		SIZE		MODIFICATION CODE ¹⁰
A	INCOLOY 825 + GRAPHITE	A	BWE SCH. 10	025	1/4 NPS / 8 DN	0A00	Bellows: 304
B	INCONEL 600/X750 + GRAPHITE	B	BWE SCH.20	037	3/8 NPS / 10 DN	0B00	Bellows: 304L
C		C	BWE SCH. 40	050	1/2 NPS / 15 DN	0C00	Bellows: 316
D	INCONEL 600/X750 + TFE	D	BWE SCH. 80	075	3/4 NPS / 20 DN	0D00	Bellows: 316L
E		E	BWE SCH.100	100	(1 NPS / 25 DN	0E00	Bellows: 321
F	ALLOY 20 + GRAPHITE	F	BWE SCH.160	125	1 1/4 NPS 40 DN	0F00	Bellows: 347
G	316 + GRAPHITE	G	BWE SCH. 180	150	1 1/2 / 40 DN	0G00	Bellows: Inconel 625
H	HAST - C276 + GRAPHITE	H	BWE SCH. XXS	200	2 NPS / 50 DN	0H00	Bellows: Monel 400
I	347H + GRAPHITE	I		300	3 NPS / 80 DN)	000B	Special Clean (oxygen cleaned)
J		J	RING TYPE JOINT (RTJ)			000G	Gear operated
K		K				000H	RF to FF conversion
L	317L + GRAPHITE	L				000K	Actuator Operated
M	MONEL + GRAPHITE	M				000L	Live Loaded Packing
N		N				000M	Acid Shield
O	316/316L + GRAPHITE OR NO GASKET ⁴	O	F- NPT THD RAISED FACE MALE EXTENSIONS			000R	RT 100% Critical Area
P	X750 + THERMICULITE 835	P	PLAIN END FLANGE			000T	Vented Wedge & Gear Operator
Q		Q	BRITISH (ISO 228) PARALLEL THD			000V	Vented Wedge
R		R	SW X REDUCED NPT			000W	Chain Wheel Operated
S	METAL OCTAGONAL RING	S	NPT x REDUCED NPT			000X	Xylan Coated Fasteners
T	316 + TFE	T				00AA	Trim: Inconel 625 Stem with Full Stellite 6 Seats and Wedge
U	304 + TFE	U	SOCKETWELD X F-NPT			00AB	***
V	304L + GRAPHITE	V				00AC	***
W		W	SOCKETWELD (SW)			00AD	***
X	MONEL + TFE	X				00AE	***
Y		Y	F-NPT X BUTTWELD			00AF	***
Z	***	Z	***			00AG	***

7. HF = Stellite hardfaced overlay. For seats and wedges/discs where weld deposited facings are used, the base material is equal to the stem material or at least equal in corrosion

8. The grouping may be prefixed by "CE" to indicate compliance with the European Commission Pressure Equipment Directive 2014/68/EU.

9. The grouping may also be suffixed with a MANUFACTURING CODE, for special requests which will be separated from the rest of the valve figure number by a hyphen (-).

FORGED GATE VALVES

DESIGN & CONSTRUCTION

- API 602, ASME B16.34
- Bolted & welded bonnet available
- Reduced and full port available
- Threaded, Socketweld, Buttweld, ends class 800 to 2500
- Flanged ends class 150 to 2500
- Bonnet constructed of forged steel with integral backseat
- Nameplate serialized for full traceability
- API 622 and API 624 qualified packing for low emissions



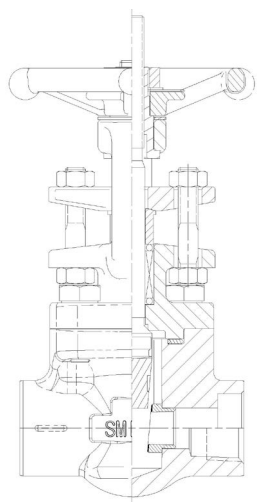
**0800
0870**

DIMENSIONAL DATA

Forged Gate OS&Y - Conventional Port
Sizes: 1/4" - 2"

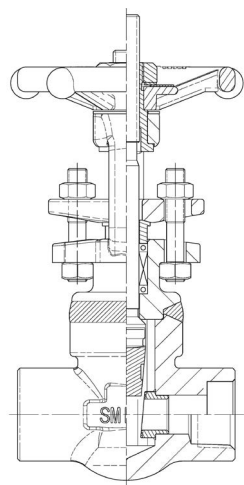
Pressure Class: 800

End Connections - Threaded or Socketweld



CLASS 800 CONVENTIONAL PORT BOLTED BONNET GATE VALVE - THREADED or SOCKETWELD - INCHES

VALVE SIZE NPS (DN)	END TO END	CENTER TO TOP (OPEN)	HANDWHEEL DIAMETER	PORT DIAMETER	APROX. WEIGHT LBS (KG)
1/4	3.25	6.31	4.00	0.31	3.8
3/8	3.25	6.31	4.00	0.39	3.8
1/2	3.25	6.31	4.00	0.39	3.8
3/4	3.50	6.50	4.00	0.50	4.5
1	3.88	7.25	4.00	0.75	6.3
1 1/4	4.75	9.13	5.50	1.19	12.0
1 1/2	4.75	9.13	5.50	1.19	12.0
2	5.50	11.06	6.63	1.50	20.5



CLASS 800 CONVENTIONAL PORT WELDED BONNET GATE VALVE - THREADED or SOCKETWELD - INCHES

VALVE SIZE NPS (DN)	END TO END	CENTER TO TOP (OPEN)	HANDWHEEL DIAMETER	PORT DIAMETER	APROX. WEIGHT LBS (KG)
1/4	3.25	6.19	4.00	0.31	3.3
3/8	3.25	6.25	4.00	0.39	3.3
1/2	3.25	6.25	4.00	0.39	3.3
3/4	3.50	6.50	4.00	0.50	3.8
1	3.88	7.25	4.00	0.75	5.3
1 1/4	4.75	9.13	5.50	1.19	10.3
1 1/2	4.75	9.13	5.50	1.19	9.8
2	5.50	11.00	6.63	1.50	16.0

**0888
5870**

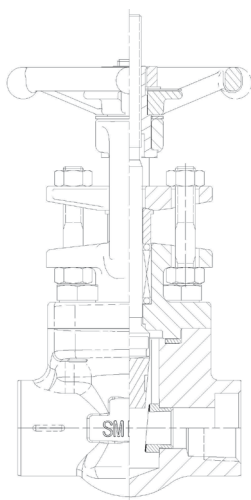
DIMENSIONAL DATA

Forged Gate OS&Y - Full Port

Sizes: 1/4" - 2"

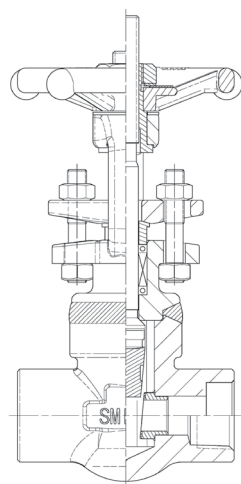
Pressure Class: 800

End Connections - Threaded or Socketweld



**CLASS 800 INSIDE SCREW RISING STEM BOLTED BONNET GATE VALVE -
THREADED or SOCKETWELD - INCHES**

VALVE SIZE NPS (DN)	END TO END	CENTER TO TOP (OPEN)	HAND- WHEEL DIAMETER	PORT DIAMETER	APROX. WEIGHT LBS (KG)
1/4	3.25	6.25	4.00	0.31	3.8
3/8	3.25	6.31	4.00	0.39	3.8
1/2	3.50	6.50	4.00	0.50	4.8
3/4	3.88	7.25	4.00	0.75	6.3
1	4.75	9.13	4.00	0.94	9.8
1 1/4	4.75	9.13	5.50	1.19	11.5
1 1/2	5.50	11.06	6.63	1.50	21.8
2	5.69	12.38	6.63	2.00	24.0



**CLASS 800 INSIDE SCREW RISING STEM WELDED BONNET GATE VALVE -
THREADED or SOCKETWELD - INCHES**

VALVE SIZE NPS (DN)	END TO END	CENTER TO TOP (OPEN)	HAND- WHEEL DIAMETER	PORT DIAMETER	APROX. WEIGHT LBS (KG)
1/4	3.25	6.25	4.00	0.31	3.3
3/8	3.25	6.25	4.00	0.39	3.3
1/2	3.50	6.50	4.00	0.50	4.3
3/4	3.94	7.25	4.00	0.75	5.8
1	4.75	8.94	5.50	0.94	10.5
1 1/4	4.75	9.13	5.50	1.19	10.3
1 1/2	5.50	11.00	6.63	1.50	17.0

**1500
1570**

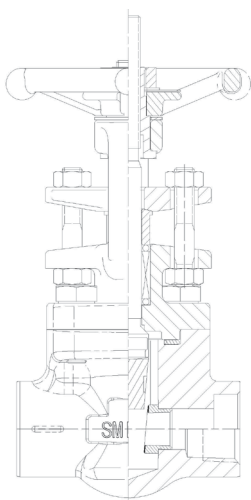
DIMENSIONAL DATA

Forged Gate OS&Y - Conventional Port

Sizes: 1/4" - 2"

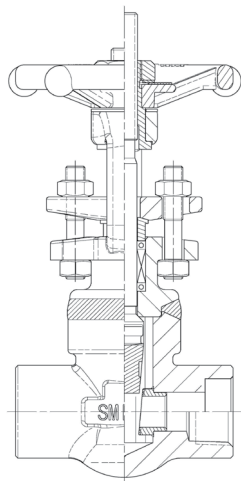
Pressure Class: 1500

End Connections - Threaded or Socketweld



**CLASS 1500 CONVENTIONAL PORT BOLTED BONNET GATE VALVE -
THREADED or SOCKETWELD - INCHES**

VALVE SIZE NPS (DIN)	END TO END	CENTER TO TOP (OPEN)	HAND- WHEEL DIAMETER	PORT DIAM- ETER	APROX. WEIGHT LBS (KG)
1/4	3.50	6.50	4.00	0.31	5.3
3/8	3.50	6.50	4.00	0.39	5.3
1/2	3.50	6.50	4.00	0.39	5.0
3/4	3.88	7.25	4.00	0.50	7.3
1	4.75	8.94	5.50	0.75	14.0
1 1/4	5.50	11.00	6.63	1.19	23.0
1 1/2	5.50	11.00	6.63	1.19	22.5
2	6.25	11.56	6.63	1.50	29.5



**CLASS 1500 CONVENTIONAL PORT WELDED BONNET GATE VALVE -
THREADED or SOCKETWELD - INCHES**

VALVE SIZE NPS (DIN)	END TO END	CENTER TO TOP (OPEN)	HAND- WHEEL DIAMETER	PORT DIAM- ETER	APROX. WEIGHT LBS (KG)
1/4	3.50	6.31	4.00	0.31	4.8
3/8	3.50	6.38	4.00	0.39	4.8
1/2	3.50	6.38	4.00	0.39	4.5
3/4	3.88	7.00	4.00	0.50	6.0
1	4.75	8.75	5.50	0.75	11.3
1 1/4	5.50	10.69	6.63	1.19	17.8
1 1/2	5.50	10.69	6.63	1.19	17.5
2	6.25	11.06	6.63	1.50	24.2

**1588
1578**

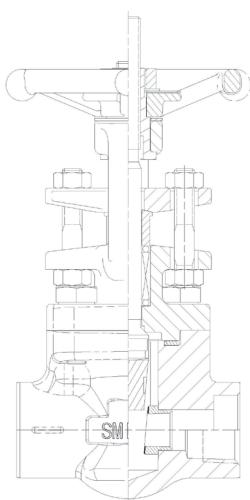
DIMENSIONAL DATA

Forged Gate OS&Y - Full Port

Sizes: 1/4" - 1 1/2"

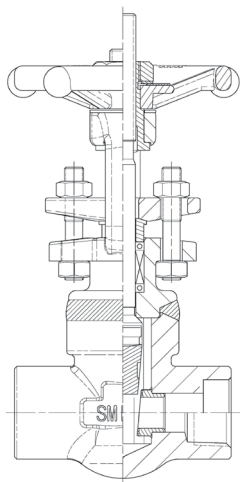
Pressure Class: 1500

End Connections - Threaded or Socketweld



CLASS 1500 FULL PORT BOLTED BONNET GATE VALVE - THREADED or SOCKETWELD - INCHES

VALVE SIZE NPS (DN)	END TO END	CENTER TO TOP (OPEN)	HAND- WHEEL DIAMETER	PORT DIAM- ETER	APROX. WEIGHT LBS (KG)
1/4	3.50	6.44	4.00	0.31	5.3
3/8	3.50	6.50	4.00	0.39	5.3
1/2	3.94	6.88	4.00	0.50	7.5
3/4	4.75	8.94	4.00	0.75	14.8
1	4.75	9.06	5.50	0.94	23.5
1 1/4	5.50	11.00	6.63	1.19	23.0
1 1/2	6.25	11.56	6.63	1.50	30.5



CLASS 1500 FULL PORT WELDED BONNET GATE VALVE - THREADED or SOCKETWELD - INCHES

VALVE SIZE NPS (DN)	END TO END	CENTER TO TOP (OPEN)	HAND- WHEEL DIAMETER	PORT DIAM- ETER	APROX. WEIGHT LBS (KG)
1/4	3.50	6.31	4.00	0.31	4.8
3/8	3.50	6.38	4.00	0.39	4.8
1/2	3.88	7.00	4.00	0.50	6.3
3/4	4.75	8.75	4.00	0.75	11.5
1	4.75	8.94	5.50	0.94	19.0
1 1/4	5.50	10.69	6.63	1.19	17.8
1 1/2	6.25	11.06	6.63	1.50	25.0

2578

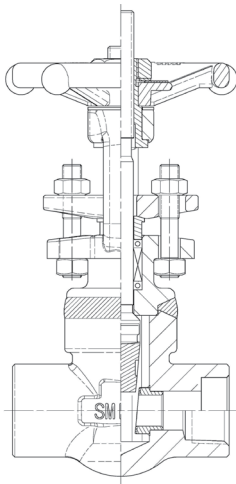
DIMENSIONAL DATA

Forged Gate OS&Y - Full Port

Sizes: 1/4" - 2"

Pressure Class: 2500

End Connections - Threaded or Socketweld



CLASS 2500 FULL PORT WELDED BONNET GATE VALVE - THREADED or SOCKETWELD - INCHES

VALVE SIZE NPS (DIN)	END TO END	CENTER TO TOP (OPEN)	HAND- WHEEL DIAMETER	PORT DIAM- ETER	APPROX. WEIGHT LBS (KG)
1/2	3.88	7.26	4.00	0.50	6.3
3/4	4.65	9.05	5.50	0.75	11.3
1	5.40	9.44	5.50	0.94	17.8
1 1/2	6.15	12.06	6.63	1.50	18.5
2	6.15	12.06	6.63	1.50	18.5

0815
0830
0860

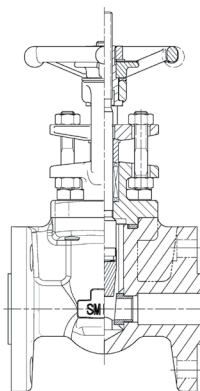
DIMENSIONAL DATA

Forged Gate OS&Y - Conventional Port

Sizes: 1/4" - 3"

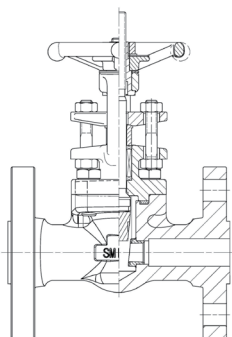
Pressure Class: 150/300/600

End Connections - Threaded or Socketweld



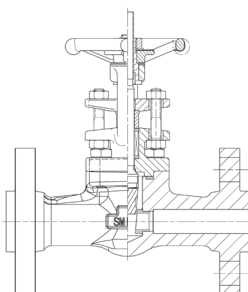
CLASS 150 CONVENTIONAL PORT BOLTED BONNET GATE VALVE - FLANGED ENDS - INCHES

VALVE SIZE NPS (DIN)	END TO END	CENTER TO TOP (OPEN)	HAND-WHEEL DIAMETER	PORT DIAMETER	FLANGE DIAMETER	RAISED DIAMETER	BOLT HOLE	APPROX. WEIGHT LBS
1/2	4.25	7.00	4.00	0.39	3.54	1.38	4	6.5
3/4	4.63	7.06	4.00	0.50	3.94	1.69	4	9.0
1	5.00	7.69	4.00	0.75	4.25	2.00	4	9.8
1 1/2	6.50	9.13	5.50	1.19	5.00	2.88	4	18.2
2	7.00	11.06	6.63	1.50	6.00	3.63	4	33.5
3	8.00	13.69	7.38	2.00	7.50	5.00	4	54.0



CLASS 300 CONVENTIONAL PORT BOLTED BONNET GATE VALVE - FLANGED ENDS - INCHES

VALVE SIZE NPS (DIN)	END TO END	CENTER TO TOP (OPEN)	HAND-WHEEL DIAMETER	PORT DIAMETER	FLANGE DIAMETER	RAISED DIAMETER	BOLT HOLE	APPROX. WEIGHT LBS
1/2	5.50	6.25	4.00	0.39	3.75	1.38	4	7.0
3/4	6.00	6.38	4.00	0.50	4.63	1.69	4	10.3
1	6.50	7.25	4.00	0.75	4.94	2.00	4	12.8
1 1/2	7.50	9.13	5.50	1.19	6.13	2.88	4	25.0
2	8.50	11.06	6.63	1.50	6.50	3.63	8	35.5
3	11.13	13.63	7.38	2.00	8.25	5.00	8	64.5



CLASS 600 CONVENTIONAL PORT BOLTED BONNET GATE VALVE - FLANGED ENDS - INCHES

VALVE SIZE NPS (DIN)	END TO END	CENTER TO TOP (OPEN)	HAND-WHEEL DIAMETER	PORT DIAMETER	FLANGE DIAMETER	RAISED DIAMETER	BOLT HOLE	APPROX. WEIGHT LBS
1/2	6.50	6.25	4.00	0.39	3.75	1.38	4	7.5
3/4	7.50	6.44	4.00	0.50	4.63	1.69	4	11.8
1	8.50	7.25	4.00	0.75	4.94	2.00	4	15.0
1 1/2	9.50	9.13	5.50	1.19	6.13	2.88	4	31.0
2	11.50	11.06	6.63	1.50	6.50	3.63	4	44.2

**5815
5830**

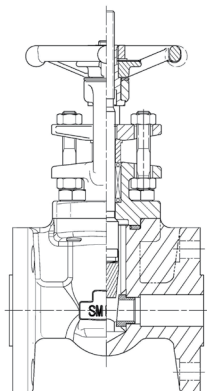
DIMENSIONAL DATA

Forged Gate OS&Y - Full Port

Sizes: 3/4" - 1 1/2"

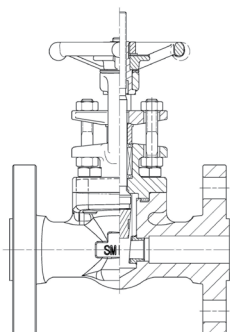
Pressure Class: 150/300/600

End Connections - Threaded or Socketweld



CLASS 150 FULL PORT BOLTED BONNET GATE VALVE - FLANGED ENDS - INCHES

VALVE SIZE NPS (DN)	END TO END	CENTER TO TOP (OPEN)	HAND-WHEEL DIAMETER	PORT DIAMETER	FLANGE DIAMETER	RAISED DIAMETER	BOLT HOLE	APPROX. WEIGHT LBS
3/4	4.63	7.63	4.00	0.75	3.94	1.69	4	9.1
1	5.00	8.87	4.00	0.94	4.33	2.00	4	14.2
1 1/2	6.50	11.01	5.50	1.50	5.00	2.88	4	26.8



CLASS 300 FULL PORT BOLTED BONNET GATE VALVE - FLANGED ENDS - INCHES

VALVE SIZE NPS (DN)	END TO END	CENTER TO TOP (OPEN)	HAND-WHEEL DIAMETER	PORT DIAMETER	FLANGE DIAMETER	RAISED DIAMETER	BOLT HOLE	APPROX. WEIGHT LBS
3/4	6.00	7.28	4.00	0.75	4.63	1.69	4	11.6
1	6.50	9.14	4.00	0.94	4.92	2.00	4	19.5
1 1/2	7.50	11.04	5.50	1.50	6.12	2.88	4	30.4

0895

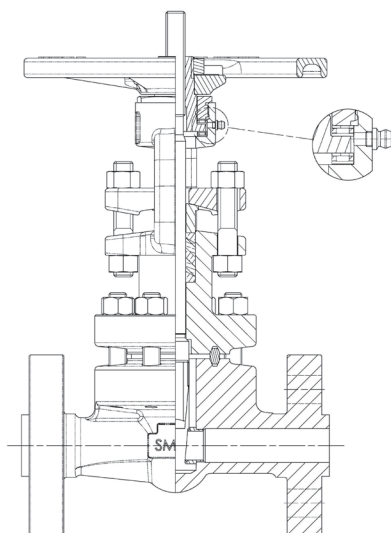
DIMENSIONAL DATA

Forged Gate OS&Y - Full Port

Sizes: 1/2" - 2"

Pressure Class: 1500

End Connections - Threaded or Socketweld



CLASS 1500 FULL PORT BOLTED BONNET GATE VALVE - FLANGED ENDS - INCHES								
VALVE SIZE NPS (DIN)	END TO END	CENTER TO TOP (OPEN)	HAND- WHEEL DIAMETER	PORT DI- AMETER	FLANGE DIAMETER	RAISED DIAMETER	BOLT HOLE	APPROX. WEIGHT LBS
1/2	8.50	8.18	4.00	0.50	4.75	1.38	4	17.0
3/4	9.00	9.47	5.50	0.75	5.13	1.69	4	23.0
1	10.00	9.93	5.50	0.94	5.88	2.00	4	34.0
1 1/2	12.00	12.82	6.63	1.50	7.00	2.88	4	54.0
2	14.50	13.46	6.63	2.00	8.50	3.63	8	97.0

EXTENDED BODY GATE VALVES

TAKEOFF & INTEGRAL REINFORCED EXTENDED BODY

DESIGN & CONSTRUCTION

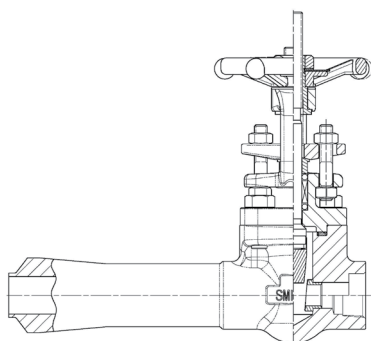
- API 602, ASME B16.34
- Bolted & welded bonnet available
- Reduced and full port available
- Threaded, Socketweld, Buttweld, ends class 800 to 2500
- Flanged ends class 150 to 2500
- Bonnet constructed of forged steel with integral backseat
- Nameplate serialized for full traceability
- API 622 and API 624 qualified packing for low emissions



0874
0875

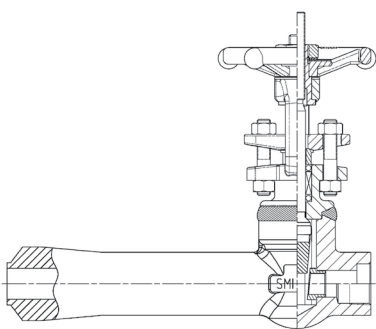
DIMENSIONAL DATA

Forged Gate OS&Y Integrally Reinforced Extended Body Full Port
Sizes: 1/2" - 2"
Pressure Class: 800



CLASS 800 BOLTED BONNET INTEGRALLY REINFORCED EXTENDED BODY GATE VALVE - INCHES

VALVE SIZE NPS (DIN)	END TO END	CENTER TO TOP (OPEN)	HAND-WHEEL DIAMETER	PORT DIAMETER	CENTER TO END	APPROX. WEIGHT LBS
1/2	7.75	6.00	4.00	0.39	6.13	5.5
3/4	8.63	6.44	4.00	0.50	6.88	7.0
1	9.56	7.25	4.00	0.75	7.63	10.5
1 1/2	10.38	9.13	5.50	1.19	8.00	16.5
2	12.00	11.06	6.63	1.50	9.25	27.4



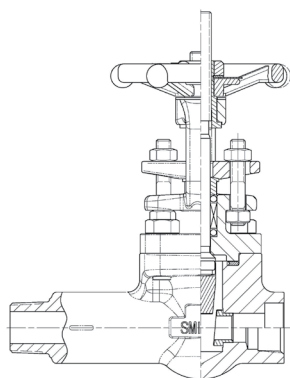
CLASS 800 WELDED BONNET INTEGRALLY REINFORCED EXTENDED BODY GATE VALVE - INCHES

VALVE SIZE NPS (DIN)	END TO END	CENTER TO TOP (OPEN)	HAND-WHEEL DIAMETER	PORT DIAMETER	CENTER TO END	APPROX. WEIGHT LBS
1/2	7.75	6.00	4.00	0.39	6.13	5.5
3/4	8.63	6.44	4.00	0.50	6.88	7.0
1	9.56	7.25	4.00	0.75	7.63	10.5
1 1/2	10.38	9.13	5.50	1.19	8.00	16.5
2	12.00	11.06	6.63	1.50	9.25	27.4

0811
0814
0876
0879

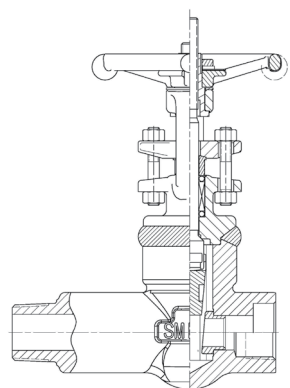
DIMENSIONAL DATA

Forged Gate OS&Y Male End
Sizes: 1/2" - 2"
Pressure Class: 800



CLASS 800 CONVENTIONAL PORT BOLTED BONNET GATE TAKE OFF DESIGN - INCHES

VALVE SIZE NPS (DIN)	END TO END	CENTER TO TOP (OPEN)	HAND-WHEEL DIAMETER	PORT DIAMETER	CENTER TO END	APPRO. WEIGHT LBS
1/2	5.63	6.25	4.00	0.31	4.00	4.3
3/4	5.75	6.50	4.00	0.50	4.00	5.0
1	5.94	7.25	4.00	0.66	4.00	6.8
1 1/2	7.38	9.13	5.50	1.19	5.00	10.2
2	7.88	11.06	6.63	1.50	5.13	12.8



CLASS 800 CONVENTIONAL PORT WELDED BONNET GATE TAKE OFF DESIGN - INCHES

VALVE SIZE NPS (DIN)	END TO END	CENTER TO TOP (OPEN)	HAND-WHEEL DIAMETER	PORT DIAMETER	CENTER TO END	APPRO. WEIGHT LBS
1/2	5.63	6.19	4.00	0.31	4.00	3.8
3/4	5.75	6.44	4.00	0.50	4.00	4.2
1	5.94	7.19	4.00	0.66	4.00	5.8
1 1/2	7.38	9.13	5.50	1.19	5.00	10.5
2	7.88	11.00	6.63	1.50	5.13	17.0

NOTES

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



SMITH VALVES

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