

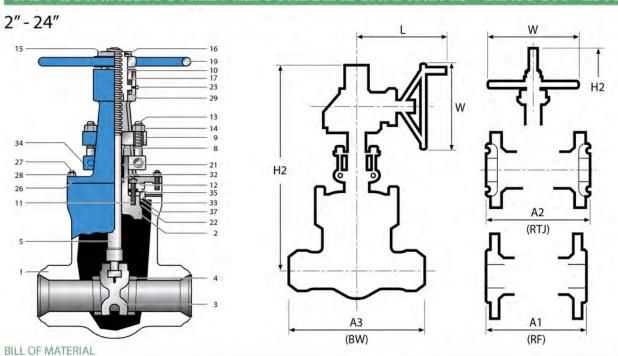


TRIM MATERIAL

Trim No.	Seat ring surface	Wedge seat surface	Stem	Backseat bushing			
1	F6 (13% CR)	F6 (13% CR)	F6 (13% CR)	F6 (13% CR)			
2	F304	F304	F304	F304			
5	Stellite 6	Stellite 6	F6 (13% CR)	F6 (13% CR)			
6	Cu-Ni	F6 (13% CR)	F6 (13% CR)	F6 (13% CR)			
8	Stellite 6	F6 (13% CR)	F6 (13% CR)	F6 (13% CR)			
9	Monel	Monel	Monel	Monel			
10	F316	F316	F316	F316			
13	Alloy 20	Alloy 20	Alloy 20	Alloy 20			



CAST & STAINLESS STEEL PRESSURE SEAL GATE VALVES CLASS 600 - 2500



	NAME OF BART	ASTM SPECIFICATION												
NO	NAME OF PART	CARBON STEEL	HIGH TE	MPERATURE	SERVICE	LOW TEMPERATURE SERVICE	STAINL	ESS STEEL						
1	BODY	A216-WCB	A217-WC6	A217-WC9	A217-C5	A352-LCB/LC2/LC3	CF8M	CF8C						
2	BONNET	A216-WCB	A217-WC6	A217-WC9	A217-C5	A352-LCB/LC2/LC3	CF8M	CF8C						
3	DISC	A217-CA15	A217-WC6	A217-WC9	A217-C5	A352-LCB/LC2/LC3	CF8M	CF8C						
4	BODY SEAT RING	A 105+ HARD FACE	A182-F11	A182-F22	A182-F50	A182-F304	F316	F347						
5	STEM	A182-F6d	A182-F60	A182-F6Q	A182-F6Q	A182-F304	F316	F347						
8	PACKING GLAND	A276-410	A276-410	A276-410	A276-410	A276-304	F316	F347						
9	GLAND FLANGE	A105	A105	A105	A105	A350 - LF2	CF8M	CF8C						
10	YOKE SLEEVE	A439-D2C	A439-D2C	A439-D2C	A439-D2C	B147-B8	F316	F347						
11	BONNET BOLT	A193-B7	A193-B16	A193-B16	A193-B16	A320-L7	A193-B8	A193-B8						
12	BONNET NUT	A194-2H	A194-4	A194-4	A194-4	A194-4	A194-8	A194-8						
13	GLAND BOLT	A193-B7	A193-B7	A193-B7	A193-B7	A320-L7	A193-B8	A193-B8						
14	GLAND NUT	A194-2H	A194-2H	A194-2H	A194-2H	A194-4	A194-8	A194-8						
15	HANDLE NUT				S	TEEL								
16	SET SCREW				S	TEEL								
17	SLEEVE GLAND				S	TEEL								
19	HANDWHEEL					\395								
21	PACKING				COM	MERCIAL								
22	GASKET				COM	MERCIAL								
23	GREASE NIPPLE			STE	EL		BRONZE	BRONZE						
26	YOKE	A216-WCB	A217-WC6	A217-WC9	A217-C5	A352-LC1/LC2/LC3	CF8M	CF8C						
27	YOKE BOLT	A193-B7	A193-B16	A193-B16	A193-B16	A320-L7	A193-B8	A193-B8						
28	YOKE NUT	A194-2H	A194-4	A194-4	A194-4	A194-4	A194-8	A194-8						
29	BEARING				COM	MERCIAL		1						
32	PACKING WASHER	A276-410	A276-410	A276-410	A276-410	A276-304	F316	F347						
33	RETA1NER	A276-410	A276-410	A276-410	A276-410	A276-304	F316	F347						
34	HINGE CLAMP	A216-WCB	A217-WC6	A217-WC9	A217-C5	A352-LC1/LC2/LC3	CF8M	CF8C						
	The second second second second second	The second secon					152.2	The second second						

A217-WC9

A276-410

A217-C5

A276-410

A217-WC6

A276-410

A352-LC1/LC2/LC3

A276-304

OTHER MATERIAL AVAILABLE UPON REQUEST INCLUDING NACE MR0175 HARD FACE STANDARD STELLITE 6 (OTHER OPTIONS AVAILABLE UPON REQUEST)

A216-WCB

A276-410



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BONNET CLAMP

GASKET SPACER

CF8C

CF8M

F316



CLASS 600 - CAST & STAINLESS STEEL PRESSURE SEAL GATE VALVES

DIMENSIONS & WEIGHTS

VALVE SIZE	in	2	2.5	3	4	6	8	10	12	14	16	18	20	24
A1 (RF)	in	7.0	8.5	10.0	12.0	18.0	23.0	28.0	32.0	35.0	39.0	43.0	47.0	55.0
A2 (RTJ)	in	11.5	13.0	14.0	17.0	22.0	26.0	31.0	33.0 35.0		39.0	43.0	47.0	55.0
A3 (BW)	In	11.62	13.12	14.12	17.12	22.12	26.12	31.12 33.12 35.12 39.12 43.1		43.12	47.25	55.38		
H2	in	23.2	24.8	26.3	36.0	42.5	49.9	59.5	70.5 73.1		85.1	88.6	97.2	118.1
w	in	7.9	9.8	9.8	11.8	19.7	22.0	27.2	35.8	24.0	24.0	24.0	24.0	30.0 21.8
L	in				*	14	4	-	17.0	17.0	20.2	20.2	20.2	
WGT (RF)	lb	154.4	209.5	220.5	326.3	540.2	705.6	948.2	1135.6	1477.4	1995.5	2535.8	3186.2	4586.4
WGT (BW)	lb	136.7	176.4	185.2	253.6	377.1	474.1	590.9	701.2	959.2	1256.9	1587.6	1962.5	2833.4

CLASS 900 - CAST & STAINLESS STEEL PRESSURE SEAL GATE VALVES

DIMENSIONS & WEIGHTS

VALVE SIZE	in	2	2.5	3	4	6	8	10	12	14	16	18	20	24
A1 (RF)	in	8.5	10.0	12.0	14.0	20.0	26.0	31.0	36.0	39.0	43.0	46.5	50.5	59.5
A2 (RTJ)	in	14.5	16.5	15.0	18.0	24.0	29.0	33.0	38.0	40.5	44.5	48.0	52.0	61.0
A3 (BW)	in	14.62	16.62	15.12	18.12	24.12	29.12	33.12	38.12	40.88	44.88	48.5	52.5	61.75
H2	in	23.4	29.6	29.8	34.0	39.9	50.2	60.7	70.1	79.8	89.0	97.2	108.3	127.6
w	in	11.8	17.7	17.7	19.7	22.0	18.1	24.0	24.0	24.0	24.0	29.9	29.9	24.0
L	in	-	-	-	-	-	16.8	17.0	20.2	20.2	20.2	21.8	21.8	20.1
WGT (RF)	lb	132.3	207.3	224.9	330.8	617.4	1455.3	2116.8	2976.8	3748.5	5292	7320.6	9702.0	14927.9
WGT (BW)	lb	88.2	141.1	176.4	220.5	407.9	1091.5	1620.7	2315.3	3087.0	4299.8	6019.7	8125.4	11973.2

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CLASS 1500 - CAST & STAINLESS STEEL PRESSURE SEAL GATE VALVES

DIMENSIONS & WEIGHTS

VALVE SIZE	in	2	2.5	3	4	6	8	10	12	14	16	18	20	24
A1 (RF)	in	8.5	10.0	12.0	16.0	22.0	28.0	34.0	39.0	42.0	47.0	53.0	58.0	64.0
A2 (RTJ)	in	14.5	16.5	18.5	21.5	27.75	32.75	39.0	44.5	49.5	54.5	60.5	65.5	76.5
A3 (BW)	in	14.62	16.62	18.62	21.62	28.0	33.13	39.38	45.12	45.12 50.25 55.38 61.38 66		66.38	8 77.62	
H2	in	23.4	29.6	29.6	34.0	48.0	51.6	64.8	77.8	87.2	91.8	111.1	122.1 24.0 20.2	148.3
w	in	11.8	17.7	17.7	19.7	24.0	24.0	24.0	24.0	29.9		29.9		24.0
L	in	-	-			17.0	17.0	20.2	20.0	21.8	21.8	21.8		
WGT (RF)	lb	132.3	207.3	264.6	458.6	1058.4	2006.6	3109.1	4586.4	5755.1	7938	13141.8	16250.9	23395.1
WGT (BW)	lb	88.2	141.1	176.4	326.3	749.7	1499.4	2249.1	3197.3	3969	6063.8	10209.2	12612.6	18169.2

CLASS 2500 - CAST & STAINLESS STEEL PRESSURE SEAL GATE VALVES

DIMENSIONS & WEIGHTS

TIVILIVIT	OIN D OX V	VEIGHTS										
VALVE SIZE	in	2	2.5	3	4	6	8	10	12	14	16	18
A1 (RF)	in	11.0	13.0	14.5	18.0	24.0	30.0	36.0	41.0	44.0	49.0	55.0
A2 (RTJ)	in	17.75	20.0	22.75	26.5	36.0	40.25	50.0	56.0	-	-	v
A3 (BW)	in	17.87	20.25	23.0	26.8	36.5	40.87	50.88	56.88	3	4	¥
H2	in	23.4	29.6	29.6	34.3	47.3	57.1	63.4	82.5	90.2	97.2	116.1
w	in	14.0	17.7	19.7	23.6	24.0	24.0	24.0	29.9	29.9	24.0	24.0
L.	in	7	÷.	- è.	-	17.0	20.2	20.2	21.8	21.8	20.2	20.2
WGT (RF)	lb	172.1	273.4	334.1	702.7	1640.3	2673	48074	6925.5	.,		
WGT (BW)	lb	101.3	182.3	1924	384.8	1053	1498.5	3240	6075	6885	8505	10125





HOW TO ORDER

VALVE TYPE SERIES	Treagarbios	EATURES		BODY		TRIM (Slem/Wedge seat/seat		ENDS		CLASS	SIZE ⁽⁴⁾		OPERATION	
Body Design Bonnet Design 50 Gate Valve OS&Y API 600 F Pressure Sea OS&Y API 603	Design F Flexible Wedge NONE S Solid Wedge 6D P Parallel Slide w/ Spring ND R Parallel Slide w/ Spreaders F O FE BS CR	NONE API 6D NACE NACE/API 6D Fire Safe Oxigen Service Fugitive Emmisions Bellows Seal Criogenic Service	_ 30	A216 WCB A216 WCC A350 LCB ⁽¹⁾ A352 LC3 ⁽¹⁾ A217 WC1 A217 WC6 ⁽²⁾ A217 C5 ⁽²⁾ A217 C12 ⁽¹⁾ A351 CF8M ⁽³⁾ A351 CF3 ⁽³⁾ A351 CF3 ⁽³⁾ Monel	01 02 05 06 08 09 10 11 12 13 14 15 16 17	13CR / 13	-	F Flanged RF R Flanged RTJ B Butt Weld	0 3 6 9 1 2	ANSI 300# ANSI 600# ANSI 900# ANSI 1500#	02 02.5 03 04 05 06 08 10 12 14 16 18 20 24 26 28 30 36 40 42 48	2" 21/2" 3" 4" 5" 6" 8" 10" 12" 14" 16" 20" 24" 26" 28" 30" 36" 40" 42" 48"	H G E P B	Hand whe Gear Operator Electric Actuator Pneumati Actuator Bare Sha

Example

Gate Valve OS&Y API 603, Pressure Seal Flexible Wedge Body WCB Trim 5 (Stem 13% Cr, Wedge and Seat Harfacing Stellite)
Flanged ANSI Class 150# Size 6" with Handwheel.

51PF-2005-F006H

(1) Low tem perature Sevice

(2) High temperature Sevice

(3) Stainless Steel

(4) Available Sizes: ANSI Class 150# - from 2" to 52" 300# - from 2" to 48", 600, 900 & 1500# - from 2" to 24" 2500# - from 2" to 12"

General Notes:

*API 603 Light Wall (ANSI/ASME B16.34)

**API 600 Heavy Wall

***HF = Usually Stellite 6 other available under request

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