



SCV VALVE
Innovative Valve Solutions®



[281] 482-4728 • www.scvalve.com



Thru Conduit Slab & Expanding Gate Valves - API 6A & API 6D

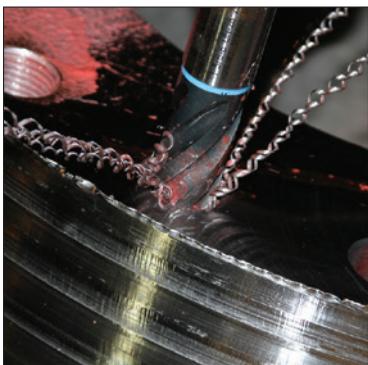
Class: 150 - 1500

Sizes: 2" - 42"





SCV VALVE manufactures some of the most dependable cast steel Thru Conduit Slab and Expanding Gate Valves in the industry. Both designs utilize flanged and butt-weld end connections, and are manufactured and tested in accordance with API 6D. The full port design minimizes pressure drop and turbulence. The SCV design offers many features and options beneficial for oil, gas, and liquid applications making it the most demanded Thru Conduit Gate on the market.



Innovative Valve Solutions.®

SCV Thru Conduit Slab & Expanding Gate Valves

[Product Preview]

For more information call us @ [281] 482-4728 or visit our website @ www.scvalve.com

SCV Thru Conduit Slab & Expanding Gate Valves

- Basic Design: API 6D
- Face-to-Face Dimension: ANSI B16.10
- Flange End Dimension: ANSI/ASME B16.5 [2" to 24"], ANSI/ASME B16.47 & MSS SP-44 [26" & up]
- Butt-Weld End Dimension: ANSI/ASME B16.25
- Inspection & Testing: API 6D
- Fire Safe Design: API 6FA

SCV Thru Conduit Slab Gate (Bi-Directional)

- Pressure assisted seats for high pressure sealing
- Spring loaded seat for low pressure sealing
- Double block and bleed capabilities
- Internal pressure relieving through self relieving seats
- Secondary sealant injection at seats and stems
- Full port thru conduit for passage of pigs

SCV Thru Conduit Expanding Gate (Bi-Directional)

with Preferred Pressure Side

- Expanding mechanical gate forms positive tight sealing
- Seals at low and high pressure
- Double block and bleed capabilities
- Secondary sealant injections at seats and stems
- Optional by-pass system for thermal cavity relief venting
- Full port thru conduit for passage of pigs



Note: Not recommended for throttling applications.

Note: SCV reserves the right to change any technical design and dimensional data without prior notice. Please contact SCV to confirm all Dimensions and Data offered in this catalog.



SCV Valve's product lines include commodity valves as well as specialty valves in all sizes, pressure classes & metallurgy; including carbon steel, stainless steel & exotic alloys. The valve types include:

- Thru Conduit Gates - Slab & Expanding Gate Designs
- 3-Piece Trunnion Mounted Balls
- Floating Balls
- Wedge Gates
- Globes
- Full Port Swing Checks
- Piston Checks
- Dual Plate Checks - Wafer & Lug Designs
- Pressure Balanced Lubricated Plugs

SCV Valve's high quality standards demand 100% pressure testing of every valve to insure its reliability and full customer satisfaction. We pride ourselves with high quality products, timely deliveries, and competitive prices.

Company History

The SCV valve brand was established in 1972. The primary focus of the Company was to provide full inline field service for valve maintenance as well as in house valve modifications. While serving the Power Industry, Paper & Pulp, Oil & Gas, and the Petro Chemical Industry; through years of dedication and commitment to quality and service, SCV had become one of the largest full range, field service companies, with a reputation for superior quality.

In the mid 1970s, the SCV brand entered the valve manufacturing industry, primarily serving the Power Industry. Since that time, the SCV brand has expanded its products to cover a broad range of valves. SCV Valve holds the API 6A & API 6D Monogram, API Q1 Quality Management System, and ASME "R" stamp. The manufacturing facility, sales and projects office is located in Santa Fe, Texas.

Mission Statement

SCV Valve is committed to consistently providing products that meet or exceed customer and regulatory specifications. SCV Valve aims to enhance customer satisfaction through implementing the highest levels of quality standards while assuring full conformity to those requirements.

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Complete Product Line

Call SCV Valve today @ [281] 482-4728 for all your valve needs or visit us on the web @ www.scvalve.com.

THRU CONDUIT GATES - SLAB & EXPANDING

Design: API 6D

Sizes: 2" - 42"

Class: 150 - 1500

Standard stock.

Design: API 6A

Sizes: 9", 11" & 13-5/8"

Pressure: 2000, 3000, 5000

Limited inventory availability.

All sizes and pressure classes made to order.



PISTON CHECKS

Design: API 6D

Sizes: 2" - 24"

Class: 150 - 2500

Standard stock.

3-PIECE TRUNNION BALLS

Design: API 6D

Sizes: 2" - 42"

Class: 150 - 2500

Standard stock.

Design: API 6A

Sizes: 2-1/16" - 7-1/6"

Pressure: 2000, 3000, 5000

Limited inventory availability.

All sizes and pressure classes made to order.



FULL PORT SWING CHECKS

Design: API 6D

Sizes: 2" - 36"

Class: 150 - 2500

Standard stock.



FLOATING BALL VALVES

Design: B16.34

Sizes: 1/2" - 12"

Class: 150 - 1500

Standard stock.



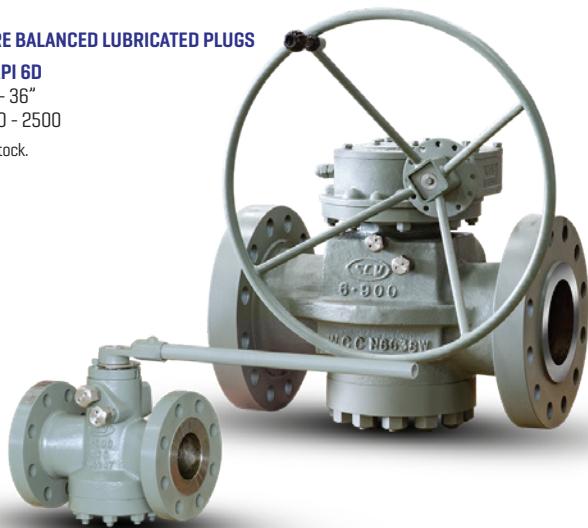
PRESSURE BALANCED LUBRICATED PLUGS

Design: API 6D

Sizes: 2" - 36"

Class: 150 - 2500

Standard stock.



GLOBES

Design: API 623

Sizes: 2" - 24"

Class: 150 - 2500

Limited inventory availability.

All sizes and pressure classes made to order.



WEDGE GATES

Design: API 600

Sizes: 2" - 48"

Class: 150 - 2500

Limited inventory availability. All sizes and pressure classes made to order.



Certifications & Registrations

American Petroleum Institute (API)

API 6A Certification



Note: Extension letter available on our website.

ISO 9001:2015 Certificate



API 6D Certification



Note: Extension letter available on our website.

CE PED Certificate



Canadian Registration Number

Alberta - OC07063.2	New Brunswick - OC07063.27	Northwest Territory - OC07063.25	Nunavut - OC07063.2N	Ontario - OC07063.25	Yukon - OC07063.22
British Columbia - OC07063.21	Newfoundland & Labrador - OC07063.20	Novascotia - OC07063.27	Manitoba - OC07063.24	Prince Edward Island - OC07063.29	

SCV Figure Number Chart

Note: SCV Figure Chart is subject to change without notice.

9

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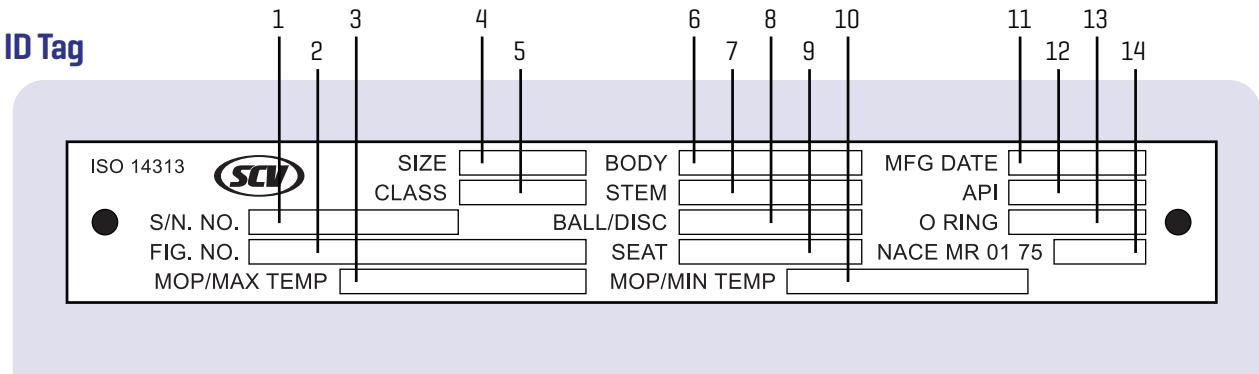
Sample Figure Numbers & Descriptions

Note: Subject to change without notice.

Control #: MSF 3.5-16 rev 17

Valve ID Tag & Valve Markings Identification

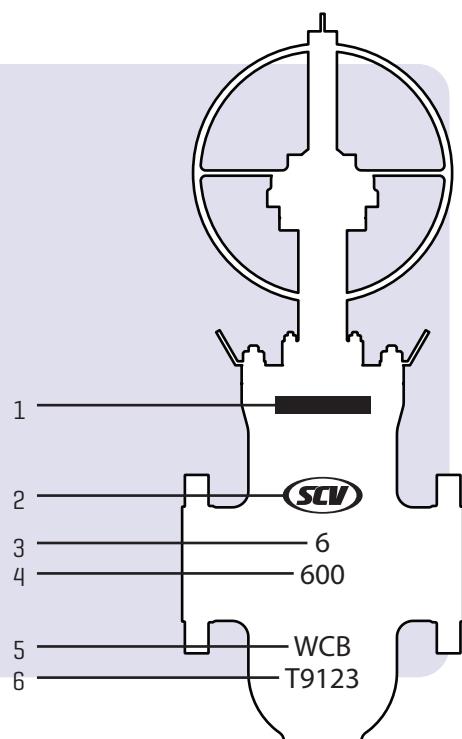
Valve ID Tag



No.	Figure Number Code	Description
1	Serial Number	Identifies certified manufacturers serial number
2	Figure Number	Identifies the detailed valve configuration [valve type, bore size, pressure class, materials, etc.]
3	MOP/Max. Temp.	Identifies the maximum operating pressure in PSI and maximum operating temperature in Fahrenheit
4	Size	Identifies bore size
5	Pressure Class	Identifies pressure classifications per API requirements
6	Body Material	Identifies body metal material composition [A105, WCB, F51, CF8M, etc.]
7	Stem Material	Identifies stem material composition [A105, 410SS, 17-4ph, etc.]
8	Ball/Disc Material	Identifies ball/disc material composition [A105, 316SS, ENP, etc.]
9	Seat Material	Identifies seat material composition [PEEK, Teflon, Nylon, etc.]
10	MOP/Min. Temp.	Identifies the maximum operating pressure in PSI and minimum operating temperature in Fahrenheit
11	Manufacturing Date	Identifies the date the valve manufacturing completion date
12	API Conformance	Identifies API conformance [600, 6D, 6A, etc.]
13	O Ring	Identifies the O Ring material composition [Viton, Viton GLT, etc.]
14	NACE MR 01 75	Identifies corrosion resistance

Valve Markings

No.	Valve ID Components
1	Tag
2	Brand
3	Size
4	Pressure Class
5	Body Material
6	Heat Number





Thru Conduit Slab & Expanding Gate Valves

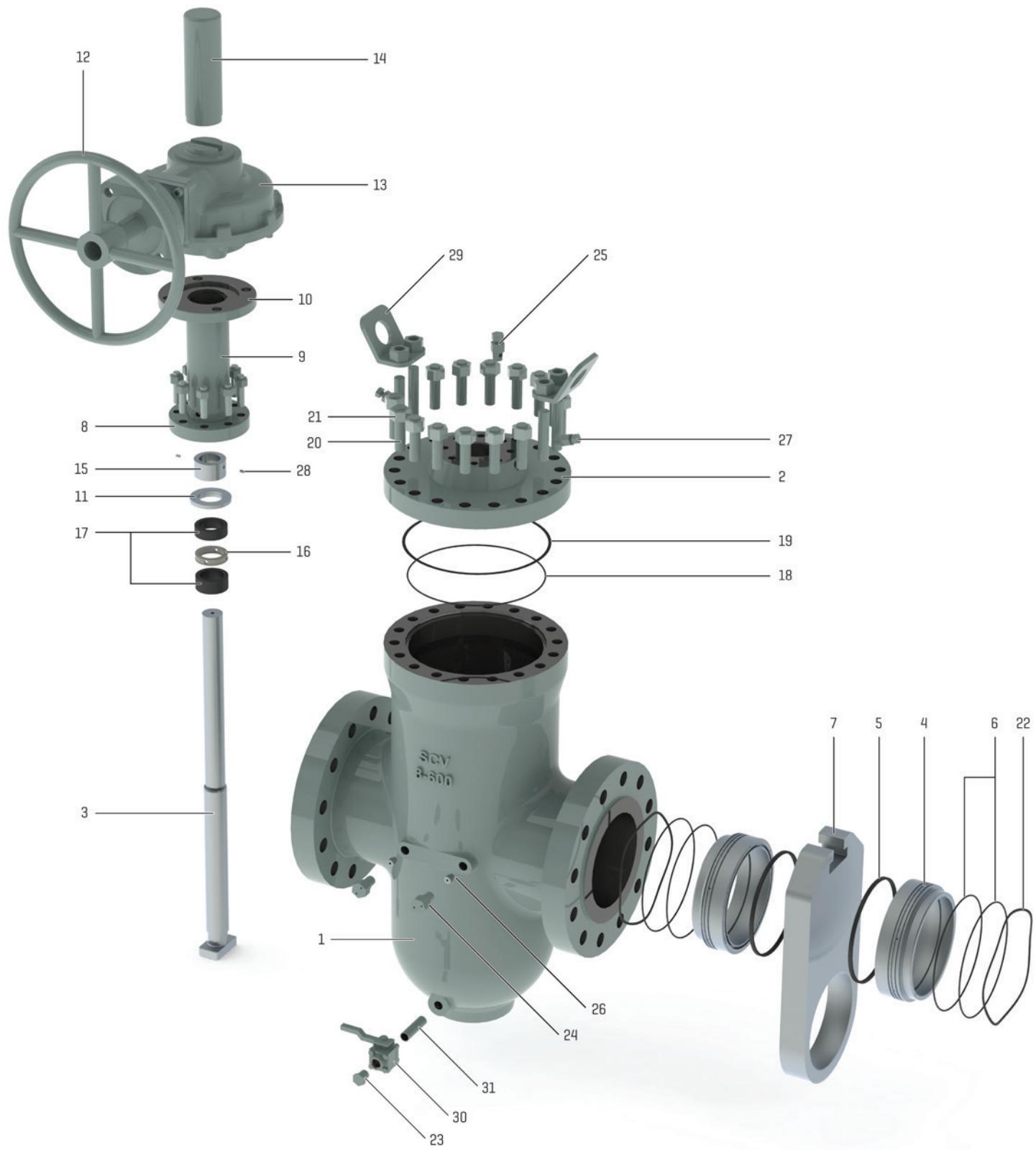
Class: 150 - 1500/Sizes: 2" - 42"

Design and Manufacturing Standards	
Basic Design	API 6D
Face-to-Face Dimension	ANSI B16.10
Flange End Dimension	ANSI/ASME B16.5 [2" to 24"] ANSI/ASME B16.47 & MSS SP-44 [26" & up]
Butt-Weld End Dimension	ANSI/ASME B16.25
Inspection & Testing	API 6D
Fire Safe Design	API 6FA



Thru Conduit Slab Gate Valve (Bi-Directional)

[Expanded View]



Thru Conduit Slab Gate Valve (Bi-Directional)

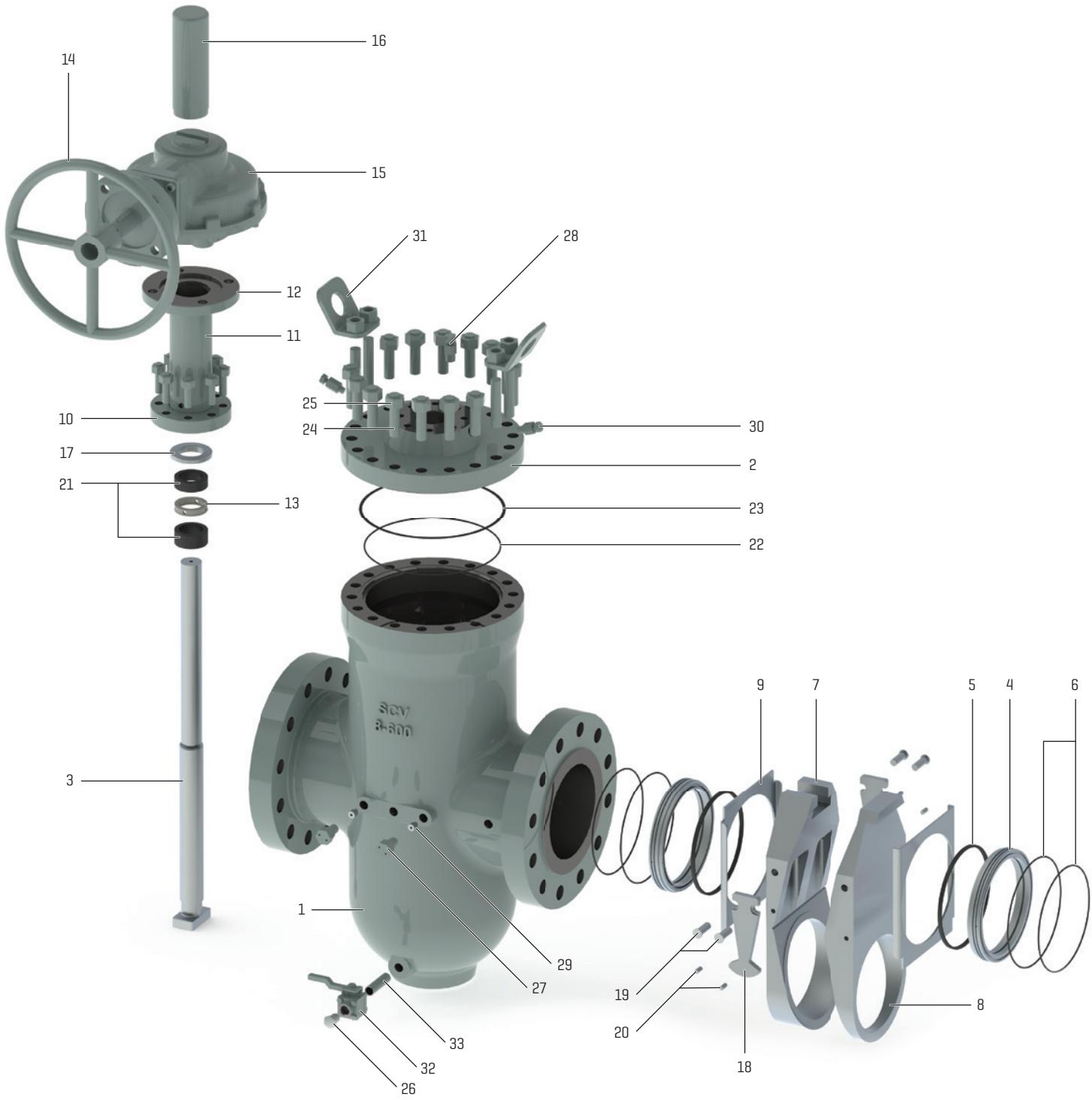
[Bill of Materials]

No.	Part	Material		
		Figure Number: 0813-VN	Figure Number: 0813-VR	Figure Number: 0215-HD
1	Body	ASTM A216 WCC		ASTM A352 LCC
2	Bonnet	ASTM A105		ASTM A350 LF2
3	Stem	ASTM A564 T Type 630, 17-4		
4	Seat	ASTM A105 + ENP		ASTM A350 LF2 + ENP
5	Seat Insert	Nylon	RTFE	Devlon
6	Seat O-Rings	Viton AED		HNBR
7	Gate	ASTM A105 + ENP		ASTM A350 LF2 + ENP
8	Yoke Base	ASTM A105		
9	Yoke Tube	ASTM A106 Gr. B Pipe		
10	Yoke Top	ASTM A105		
11	Lantern Ring	PEEK		
12	Handwheel	Carbon Steel		
13	Gear	Carbon Steel		
14	Stem Protector	Clear Plastic		
15	Internal Stop Nut	ASTM A105		
16	Gland	ASTM A105		
17	Packing	Viton/Duck		
18	Bonnet O-Ring	Viton AED		HNBR
19	Gasket	Stainless Steel/Graphite - GHE		
20	Stud	ASTM A193 B7M		ASTM A320 L7M
21	Heavy Hex Nut	ASTM A194 2HM		ASTM A320 L7M
22	Wavespring	17-7 Stainless Steel		
23	NPT Plug	316 Stainless Steel		
24	Grease Fitting, GBH	316 Stainless Steel		
25	Vent Fitting	316 Stainless Steel		
26	Ball Check	316 Stainless Steel		
27	Packing Injection Fitting	316 Stainless Steel		
28	Set Screw	B7M		
29	Lift Plate	A36		
30	Ball Valve	Carbon Steel		
31	Pipe Nipple	ASTM A106		

Note: Backup Rings (PEEK) are utilized on Class 1500 and 2500

Thru Conduit Expanding Gate Valve (Bi-Directional) with Preferred Pressure Side

[Expanded View]



Thru Conduit Expanding Gate Valve (Bi-Directional) with Preferred Pressure Side

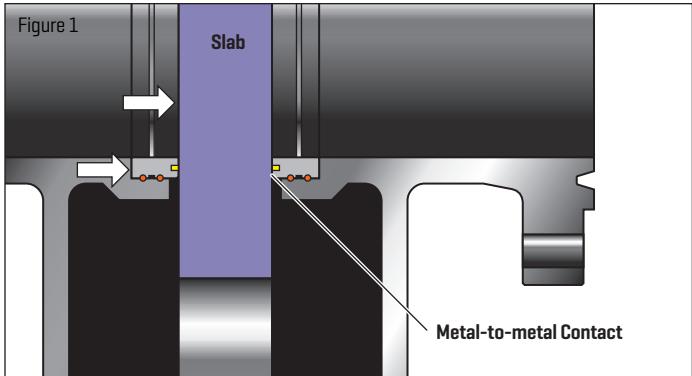
[Bill of Materials]

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2	Bonnet	ASTM A105		ASTM A350 LF2
3	Stem	ASTM A564 TType 630, 17-4		
4	Seat	ASTM A105 + ENP		ASTM A350 LF2 + ENP
5	Seat Insert	Nylon	RTFE	Devlon
6	Seat O-Rings	Viton AED		HNBR
7	Gate	ASTM A216 WCC + ENP		ASTM A352 LCC + ENP
8	Segment	ASTM A216 WCC + ENP		ASTM A352 LCC + ENP
9	Skirt	ASTM A573 Gr. 50		
10	Yoke Base	ASTM A105		
11	Yoke Tube	ASTM A106 Gr. B Pipe		
12	Yoke Top	ASTM A105		
13	Lantern Ring	PEEK		
14	Handwheel	Carbon Steel		
15	Gear	Carbon Steel		
16	Stem Protector	Clear Plastic		
17	Gland	ASTM A105		
18	Lever Lock Arm	ASTM A514 Gr. B		
19	Lever Arm Pins	4130 Alloy Steel		
20	Gate Pins	ASTM A105		
21	Packing	Viton/Duck		
22	Bonnet O-Ring	Viton AED		HNBR
23	Gasket	Stainless Steel/Graphite - GHE		
24	Stud	ASTM A193 B7M		ASTM A320 L7M
25	Heavy Hex Nut	ASTM A194 2HM		ASTM A320 L7M
26	NPT Plug	316 Stainless Steel		
27	Grease Fitting, GBH	316 Stainless Steel		
28	Vent Fitting	316 Stainless Steel		
29	Ball Check	316 Stainless Steel		
30	Packing Injection Fitting	316 Stainless Steel		
31	Lift Plate	A36		
32	Ball Valve	Carbon Steel		
33	Pipe Nipple	ASTM A106		

Slab Gate Advanced Mechanical Details

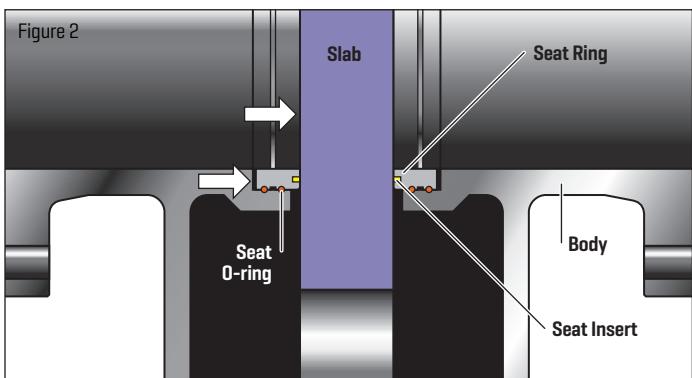
Through its simple design and efficient performance, the slab gate's two spring loaded floating seats are pressure energized. This allows for complete sealing, both upstream and downstream.

[Features Overview]



Seats - Soft & Metal

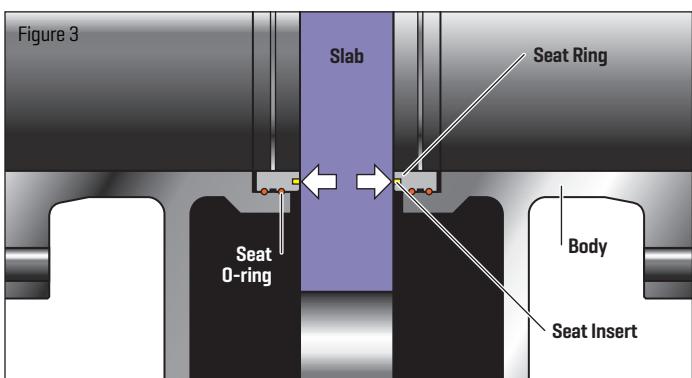
The spring loaded double O-ring design seats maintain a perfect seal with the gate in both low and high pressure applications. The soft seat inserts help to ensure that the primary sealing occurs at the gate. In the event of soft seat damage, the seating of metal to metal will function as a secondary seal. **[Figure 1]**



Double Block

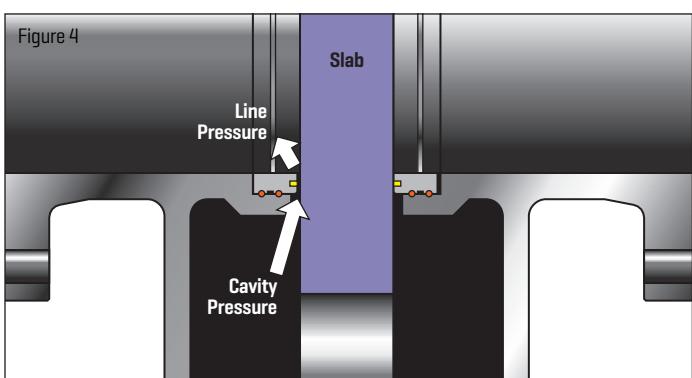
When the valve is in the closed position and also has equal or no pressure, both spring loaded seats can shut off line pressure independently of upstream and downstream pressure. This creates a double block scenario. **[Figure 2]**

When line pressure is applied, the pressure forces the slab gate to float against the downstream seat and form a tight seal. At the same time, the upstream line pressure forces the upstream seat on the slab gate to form an upstream seal. **[Figure 3]**



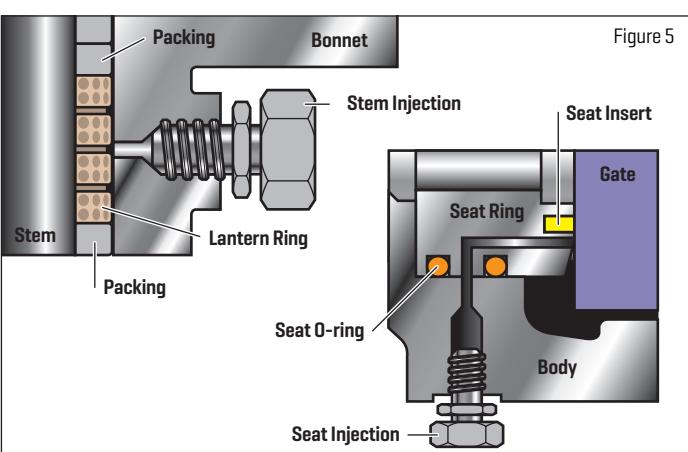
Self Relieving Cavity

The double block and bleed slab gate design, in the closed position, may experience an increase in cavity pressure due to thermal expansion. When the cavity pressure exceeds the line pressure, the seat is forced away from the gate surface allowing the excess cavity pressure to be vented into the line. This allows for a pressure balance between the body cavity and the line. The valve body pressure will relieve to the lower differential side. **[Figure 4]**



Secondary Sealant and Packing Injection System

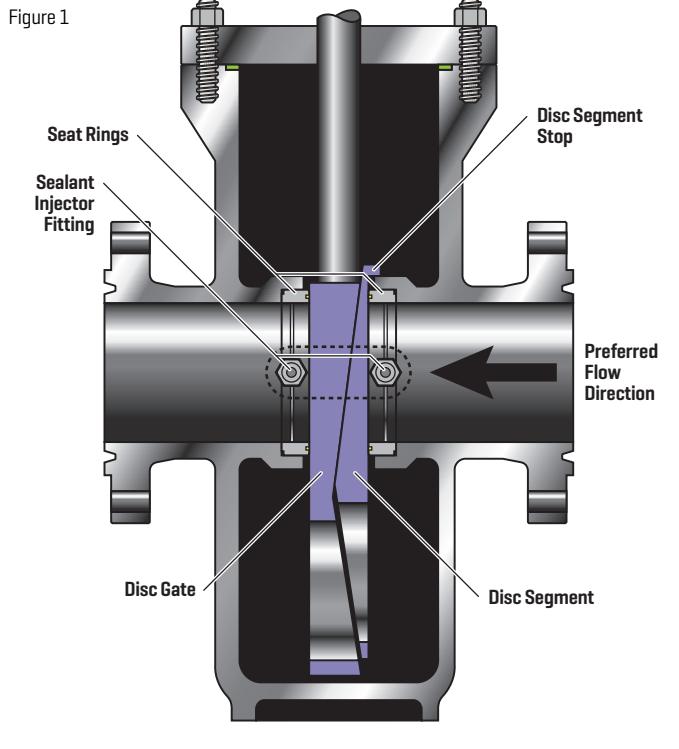
All valves will have secondary sealant injection fittings for the stem and seats. If the seat inserts or O-rings become damaged, leakage from the seat can be prevented by injecting sealant into the fittings. **[Figure 5]**



Expanding Gate Advanced Mechanical Details

The SCV Expanding Gate valve design provides a mechanical seal between the seats and the gate in both high and low pressure applications. The expanding gate valve does not require line pressure to seal and is recommended when a tight mechanical seal is required.

Features Overview



Full Expanded Closed

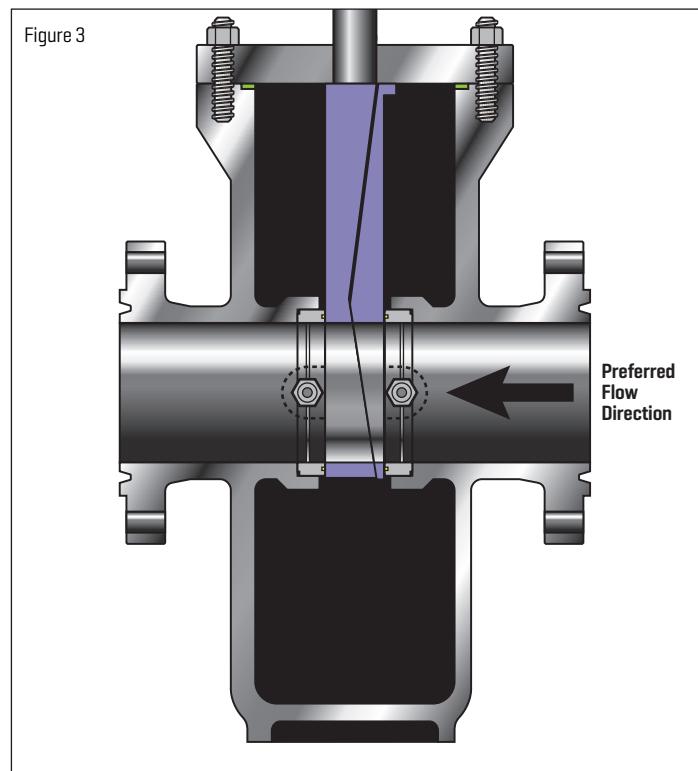
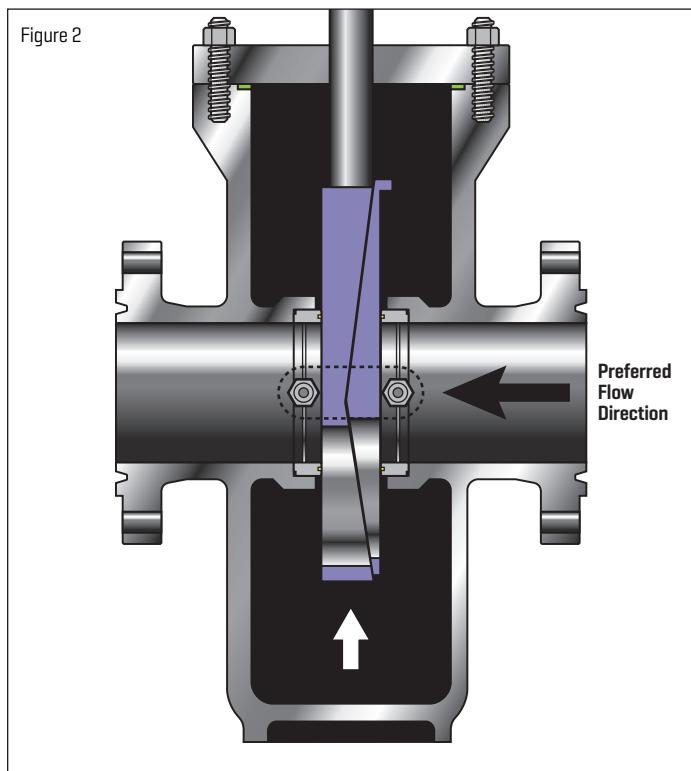
In the full expanded closed position, the segment stop has engaged with the lower body stop and the gate is wedged downward, expanding the gate and segment to form a tight seal against the upstream and downstream seats. Body cavity venting will assist to provide tight shut off. **[Figure 1]**

Mid Position

When operating towards the open position, the gate travels across the wedge angle of the segment. This retracts the assembly so that it will slide freely between the seat faces. **[Figure 2]**

Full Expanded Open

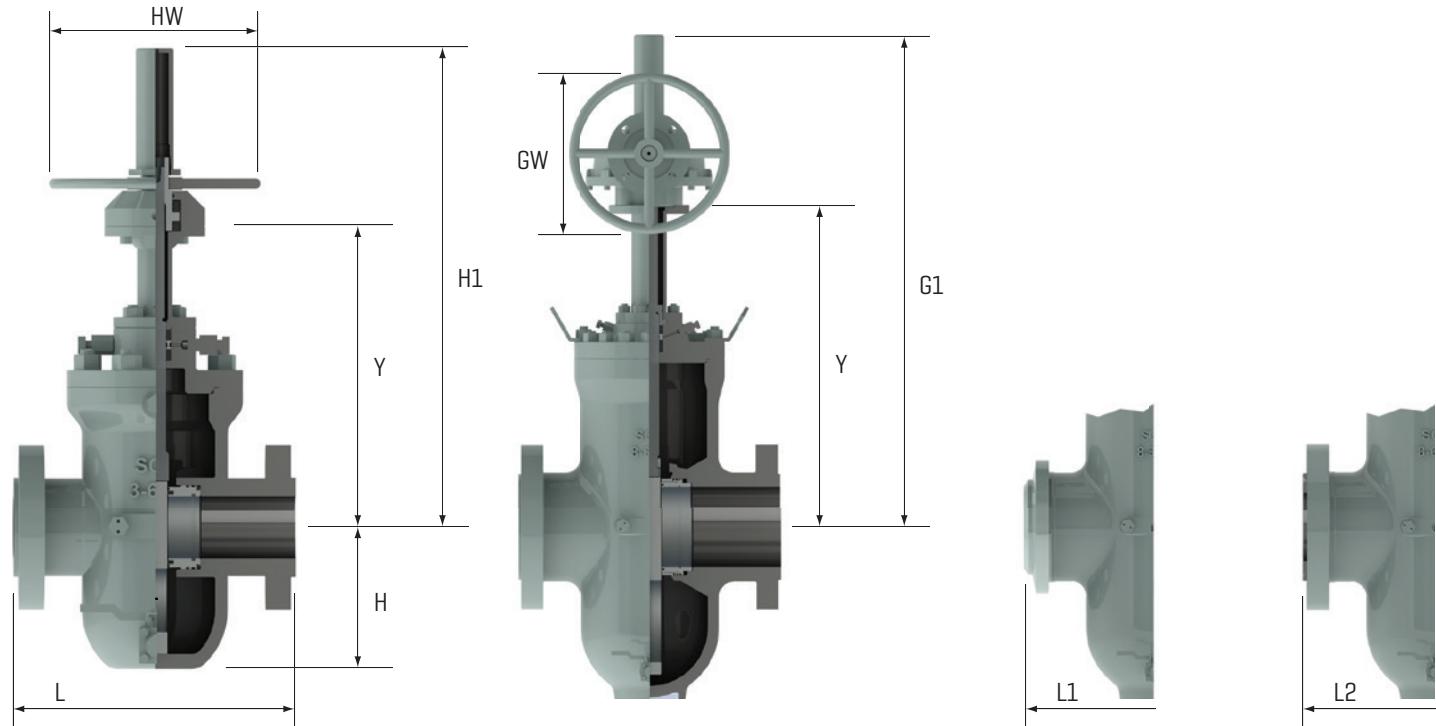
In the full expanded open position, the segment stop has engaged the upper body stop and the gate is wedged upward. This expands the segment and the gate into the seats, isolating the flow from the cavity. **[Figure 3]**



Slab Gate Valve Dimensions

Size: 2" - 42"

Class: 150



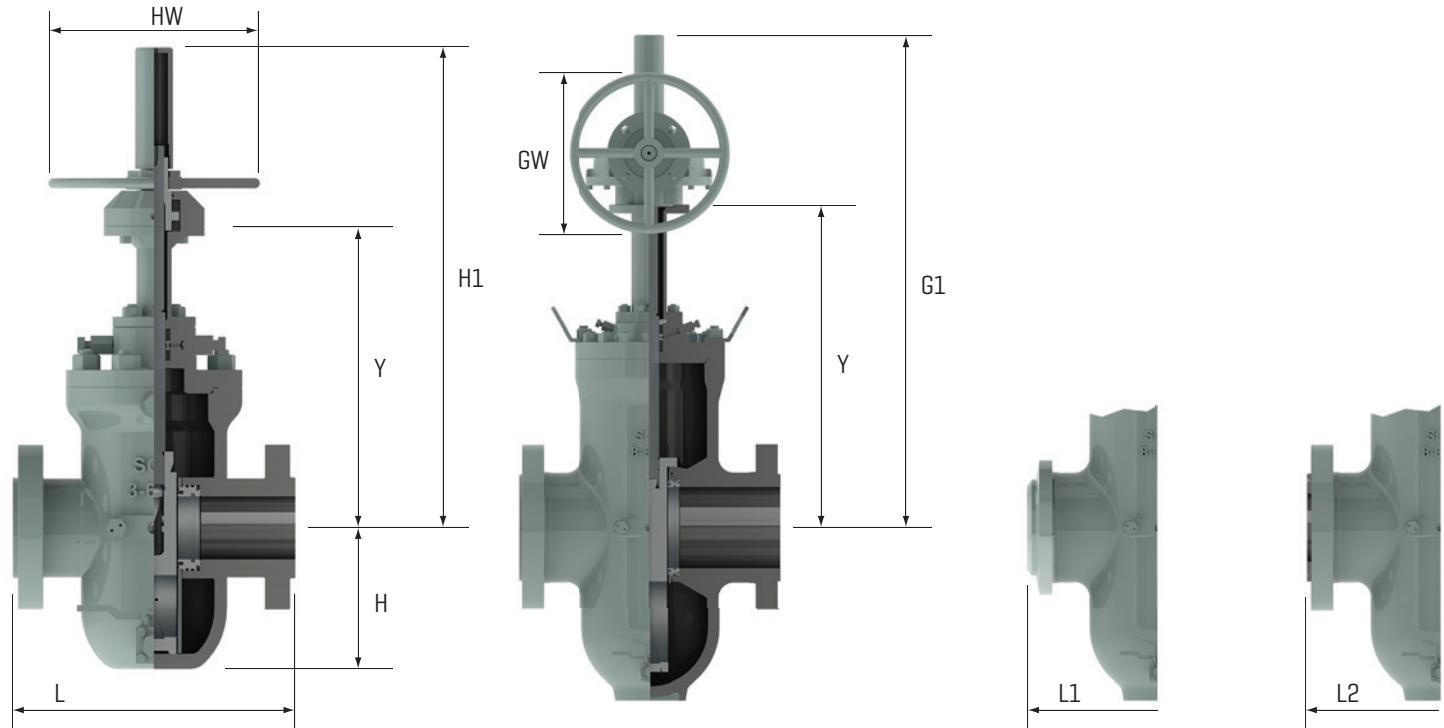
CLASS 150	SIZE	BORE	END-TO-END		CENTER-TO-BOTTOM	CENTER-TO-TOP OF YOKE	HANDWHEEL OPERATED		GEAR OPERATED		WEIGHTS LBS/KG
		F	RF - L	BW - L1	H	Y	H1	HW	G1	GW	
	IN 2	2.06	7.00	/	5.7	11.7	19.0	10	19.0	10	88
	MM 50	52	178	/	145	297	483	254	483	254	40
	IN 3	3.13	8.00	/	7.3	14.5	22.9	10.0	22.9	10.0	120
	MM 80	80	203	/	185	868	582	254	582	254	54
	IN 4	4.06	9.00	/	9.0	16.9	26.2	10.0	26.2	10.0	150
	MM 100	103	229	/	229	429	665	254	665	254	68
	IN 6	6.06	10.50	/	11.5	21.6	33.7	12.0	33.7	12.0	202
	MM 150	154	267	/	292	549	856	305	856	305	92
	IN 8	8.06	11.50	/	15.3	27.7	42.1	18.0	42.1	18.0	373
	MM 200	205	292	/	389	704	1069	457	1069	457	169
	IN 10	10.06	13.00	/	18.1	33.1	50.7	18.0	50.7	18.0	536
	MM 250	256	330	/	460	841	1288	457	1288	457	243
	IN 12	12.06	14.00	/	22.0	38.6	58.4	18.0	58.4	18.0	868
	MM 300	306	356	/	559	980	1483	457	1483	457	394
	IN 14	13.25	15.00	/	23.8	41.4	62.4	18.0	62.4	18.0	1125
	MM 350	337	381	/	605	1052	1585	457	1585	457	510
	IN 16	15.25	16.00	/	26.5	46.7	70.5	18.0	70.5	18.0	1516
	MM 400	387	406	/	673	1186	1791	457	1791	457	688
	IN 18	17.25	17.00	/	29.5	51.3	78.2	18.0	78.2	18.0	1893
	MM 450	438	432	/	749	1303	1986	457	1986	457	859
	IN 20	19.25	18.00	/	33.2	57.2	85.1	24.0	85.1	24.0	2561
	MM 500	489	457	/	843	1453	2162	610	2162	610	1162
	IN 24	23.25	20.00	/	39.7	68.6	101.2	24.0	101.2	24.0	4245
	MM 600	591	508	/	1008	1742	2570	610	2570	610	1926
	IN 28	27.00	24.00	/	46.0	80.5	117.4	24.0	117.4	24.0	6556
	MM 700	686	610	/	1168	2045	2982	610	2982	610	2974
	IN 30	29.00	26.00	/	49.3	84.0	122.5	24.0	122.5	24.0	7778
	MM 750	737	660	/	1252	2134	3112	610	3112	610	3528
	IN 32	30.75	28.00	/	52.6	88.8	129.9	24.0	129.9	24.0	9119
	MM 800	781	813	/	1336	2256	3299	610	3299	610	4136
	IN 36	34.50	32.00	/	58.0	97.2	141.0	24.0	141.0	24.0	11860
	MM 900	876	813	/	1473	2469	3581	610	3581	610	5380
	IN 40	38.50	36.00	/	64.8	110.0	158.3	24.0	158.3	24.0	15466
	MM 1000	978	914	/	1646	2794	4021	610	4021	610	7015
	IN 42	40.25	36.00	/	67.4	114.5	169.7	24.0	169.7	24.0	17304
	MM 1050	1022	914	/	1712	2908	4303	610	4303	610	7849

Note: SCV reserves the right to change any technical design and dimensional data without prior notice. Please contact SCV to confirm all Dimensions and Data offered in this catalog. Larger sizes can be engineered if needed.

Expanding Gate Valve Dimensions

Size: 2" - 40"

Class: 150



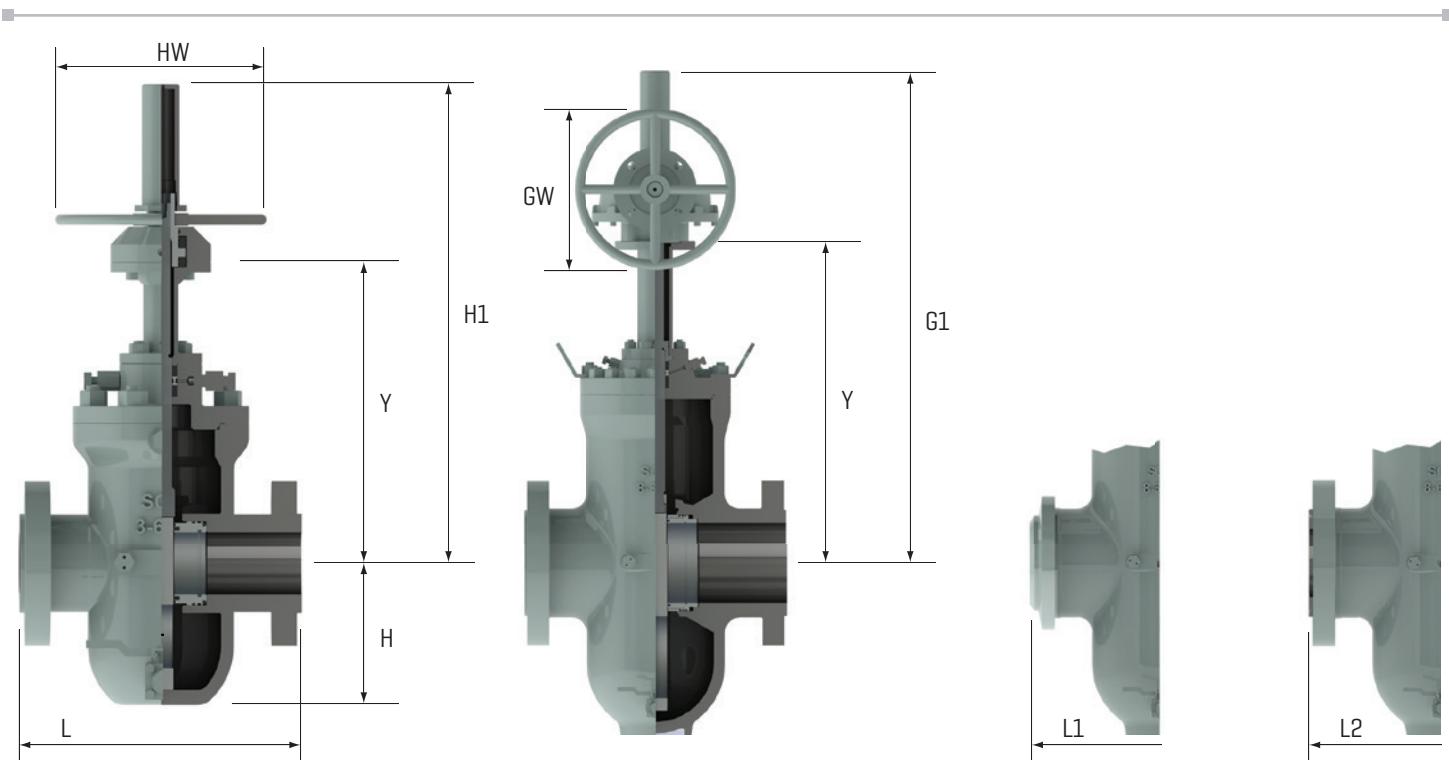
CLASS	SIZE	BORE	END-TO-END		CENTER-TO-BOTTOM	CENTER-TO-TOP OF YOKE	HANDWHEEL OPERATED		GEAR OPERATED		WEIGHTS LBS/KG
		F	RF - L	BW - L1	H	Y	H1	HW	G1	GW	
	IN 3	3.13	11.13	/	7.0	14.9	23.8	10.0	23.8	10.0	155
	MM 80	80	283	/	178	378	605	254	605	254	70
	IN 4	4.06	9.00	/	9.0	16.9	27.4	10.0	27.4	10.0	150
	MM 100	103	229	/	229	429	696	254	696	254	68
	IN 6	6.06	10.50	/	12.1	21.7	34.0	12.0	34.0	12.0	232
	MM 150	154	267	/	307	551	864	305	864	305	105
	IN 8	8.06	11.50	/	15.9	27.9	43.1	18.0	43.1	18.0	434
	MM 200	205	292	/	404	709	1095	457	1095	457	197
	IN 10	10.06	13.00	/	19.4	33.5	51.6	18.0	51.6	18.0	713
	MM 250	256	330	/	493	851	1311	457	1311	457	323
	IN 12	12.06	14.00	/	22.6	39.1	59.2	18.0	59.2	18.0	1053
	MM 300	306	356	/	574	993	15.4	457	15.4	457	478
	IN 16	15.25	16.00	/	28.0	47.9	72.0	18.0	72.0	18.0	1922
	MM 400	387	406	/	711	1217	1829	457	1829	457	872
	IN 18	/	/	/	/	/	/	/	/	/	/
	MM 450	/	/	/	/	/	/	/	/	/	/
	IN 20	19.25	18.00	/	34.5	58.0	86.1	24.0	86.1	24.0	3361
	MM 500	489	457	/	876	1473	2187	610	2187	610	1525
	IN 22	21.25	19.00	/	38.8	/	99.3	24.0	99.3	24.0	4495
	MM 550	540	483	/	986	/	2522	610	2522	610	2039
	IN 24	23.25	20.00	/	40.8	70.4	103.1	24.0	103.1	24.0	5172
	MM 600	591	508	/	1036	1788	2619	610	2619	610	2346
	IN 30	29.00	26.00	/	50.4	83.9	125.4	24.0	125.4	24.0	9589
	MM 750	737	660	/	1280	2131	3185	610	3185	610	4349
	IN 32	30.75	/	/	/	/	/	/	/	/	/
	MM 800	781	/	/	/	/	/	/	/	/	/
	IN 36	34.50	34.50	/	59.5	98.6	145.4	24.0	145.4	24.0	14060
	MM 900	876	876	/	1511	2504	3693	610	3693	610	6378
	IN 40	38.50	36.00	/	66.5	110.7	159.0	24.0	159.0	24.0	21077
	MM 1000	978	914	/	1689	2812	4039	610	4039	610	9560

Note: SCV reserves the right to change any technical design and dimensional data without prior notice. Please contact SCV to confirm all Dimensions and Data offered in this catalog. Larger sizes can be engineered if needed.

Slab Gate Valve Dimensions

Size: 2"- 40"

Class: 300



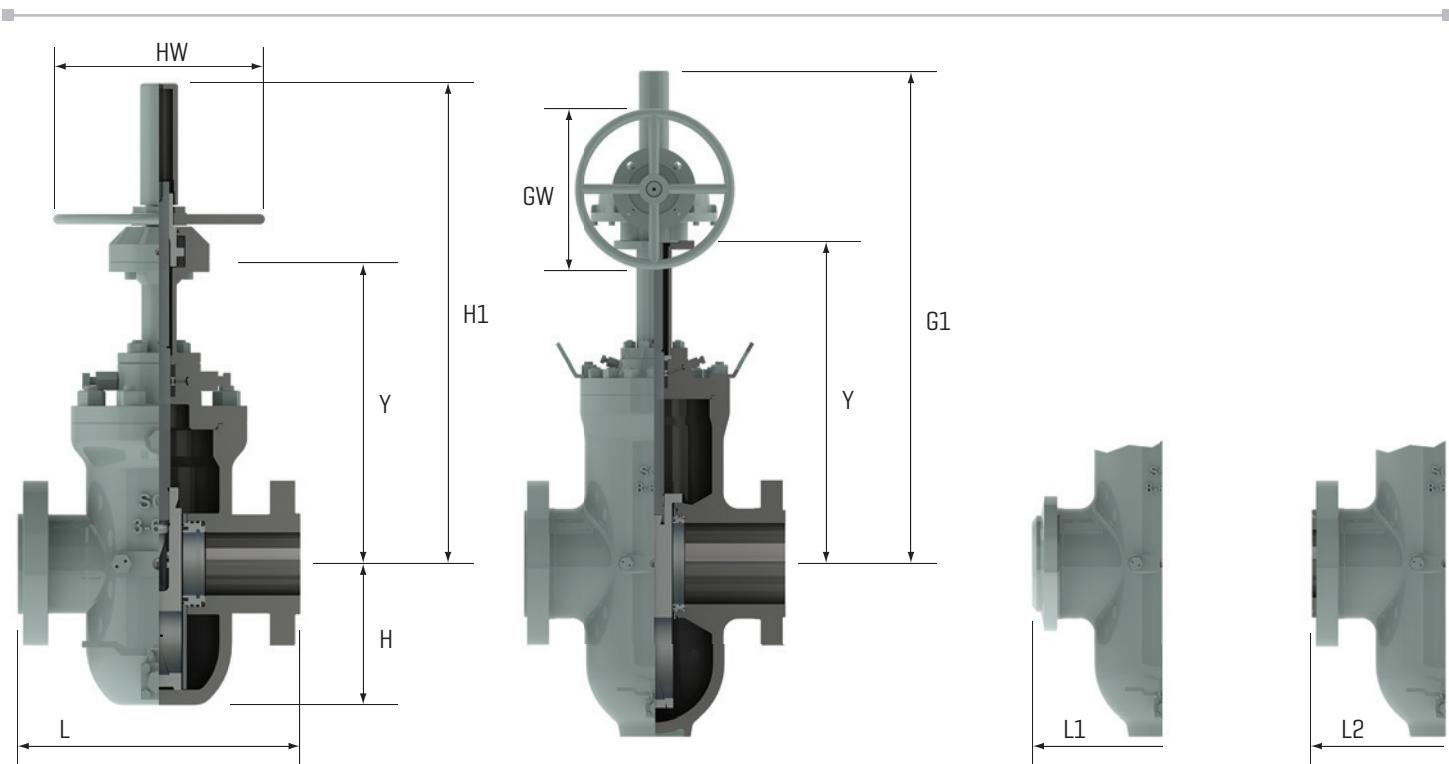
CLASS 300	SIZE		BORE	END-TO-END		CENTER-TO-BOTTOM	CENTER-TO-TOP OF YOKE	HANDWHEEL OPERATED		GEAR OPERATED		WEIGHTS LBS/KG
		F	RF - L	BW - L1		H	Y	H1	HW	G1	GW	
IN	2	2.06	8.50	/		5.7	11.7	19.0	10	19.0	10	124
MM	50	52	216	/		145	297	483	254	483	254	56
IN	3	3.13	11.13	/		7.3	14.5	22.9	10.0	22.9	10.0	163
MM	80	80	283	/		185	368	582	254	582	254	74
IN	4	4.06	12.00	/		9.0	16.9	26.2	10.0	26.2	10.0	181
MM	100	103	305	/		229	429	665	254	665	254	82
IN	6	6.06	15.88	/		11.5	21.6	33.7	12.0	33.7	12.0	335
MM	150	154	403	/		292	549	856	305	856	305	152
IN	8	8.06	16.50	/		15.3	27.7	42.1	18.0	42.1	18.0	609
MM	200	205	419	/		389	704	1069	457	1069	457	276
IN	10	10.06	18.00	/		18.1	33.1	50.7	18.0	50.7	18.0	1000
MM	250	256	457	/		460	841	1288	457	1288	457	454
IN	12	12.06	19.75	/		22.0	38.6	58.4	18.0	58.4	18.0	1402
MM	300	306	502	/		559	980	1483	457	1483	457	636
IN	16	15.25	33.00	/		26.5	46.7	70.5	18.0	70.5	18.0	2764
MM	400	387	838	/		673	1186	1791	457	1791	457	1254
IN	20	19.25	39.00	/		33.2	57.2	85.1	24.0	85.1	24.0	4429
MM	500	489	991	/		843	1453	2162	610	2162	610	2009
IN	22	21.25	43.00	/		38.5	66.4	98.5	24.0	98.5	24.0	6488
MM	550	540	1092	/		978	1687	2502	610	2502	610	2943
IN	24	23.25	45.00	/		39.7	68.6	101.2	24.0	101.2	24.0	7039
MM	600	591	1143	/		1008	1742	2570	610	2570	610	3193
IN	30	29.00	55.00	/		49.3	84.0	122.5	24.0	122.5	24.0	12389
MM	750	737	1397	/		1252	2134	3112	610	3112	610	5620
IN	36	34.50	68.00	/		58.0	97.2	141.0	24.0	141.0	24.0	19722
MM	900	876	1727	/		1473	2469	3581	610	3581	610	8946
IN	40	38.50	84.50	/		64.8	110.0	158.3	24.0	158.3	24.0	26401
MM	1000	978	2146	/		1646	2794	4021	610	4021	610	11975

Note: SCV reserves the right to change any technical design and dimensional data without prior notice. Please contact SCV to confirm all Dimensions and Data offered in this catalog. Larger sizes can be engineered if needed.

Expanding Gate Valve Dimensions

Size: 2"- 42"

Class: 300



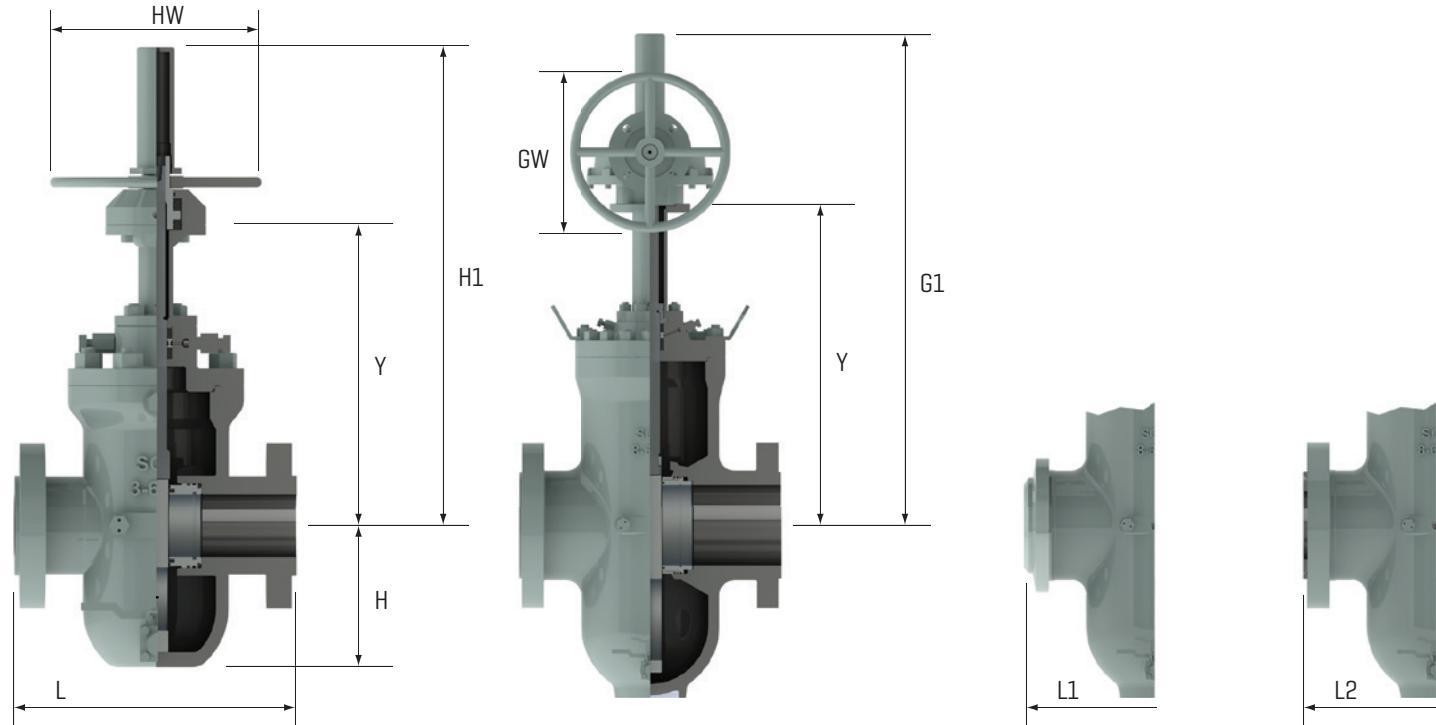
CLASS 300	SIZE		BORE	END-TO-END		CENTER-TO-BOTTOM	CENTER-TO-TOP OF YOKE	HANDWHEEL OPERATED		GEAR OPERATED		WEIGHTS LBS/KG
	F	RF - L	RF - L	BW - L1	H	Y	H1	HW	G1	GW		
IN 2	2.06	8.50	/		5.7	11.7	19.0	10	19.0	10		93
MM 50	52	216	/		145	297	483	254	483	254		42
IN 3	3.13	11.13	/		7.3	14.5	22.9	10.0	22.9	10.0		141
MM 80	80	283	/		185	368	582	254	582	254		64
IN 4	4.06	12.00	/		9.0	16.9	26.2	10.0	26.2	10.0		181
MM 100	103	305	/		229	429	665	254	665	254		82
IN 6	6.06	15.88	/		11.5	21.6	33.7	12.0	33.7	12.0		310
MM 150	154	403	/		292	549	856	305	856	305		141
IN 8	8.06	16.50	/		15.3	27.7	42.1	18.0	42.1	18.0		540
MM 200	205	419	/		389	704	1069	457	1069	457		245
IN 10	10.06	18.00	/		18.1	33.1	50.7	18.0	50.7	18.0		733
MM 250	256	457	/		460	841	1288	457	1288	457		332
IN 12	12.06	19.75	/		22.0	38.6	58.4	18.0	58.4	18.0		1300
MM 300	306	502	/		559	980	1483	457	1483	457		590
IN 14	13.25	30.00	/		23.8	41.4	62.4	18.0	62.4	18.0		1626
MM 350	337	762	/		605	1052	1585	457	1585	457		738
IN 16	15.25	33.00	/		26.5	46.7	70.5	18.0	70.5	18.0		2420
MM 400	387	838	/		673	1186	1791	457	1791	457		1098
IN 18	17.25	36.00	/		29.5	51.3	78.2	18.0	78.2	18.0		3197
MM 450	438	914	/		749	1303	1986	457	1986	457		1450
IN 20	19.25	39.00	/		33.2	57.2	85.1	24.0	85.1	24.0		4000
MM 500	489	991	/		843	1453	2162	610	2162	610		1814
IN 24	23.25	45.00	/		39.7	68.6	101.2	24.0	101.2	24.0		6391
MM 600	591	1143	/		1008	1742	2570	610	2570	610		2899
IN 30	29.00	55.00	/		49.3	84.0	122.5	24.0	122.5	24.0		11272
MM 750	737	1397	/		1252	2134	3112	610	3112	610		5113
IN 36	34.50	68.00	/		58.0	97.2	141.0	24.0	141.0	24.0		17885
MM 900	876	1727	/		1473	2469	3581	610	3581	610		8112
IN 40	38.50	84.50	/		64.8	110.0	158.3	24.0	158.3	24.0		22237
MM 1000	978	2146	/		1646	2794	4021	610	4021	610		10087
IN 42	40.25	72.00	/		67.4	114.5	169.7	24.0	169.7	24.0		20381
MM 1050	1022	1829	/		1712	2908	4303	610	4303	610		9245

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Slab Gate Valve Dimensions

Size: 2" - 36"

Class: 600



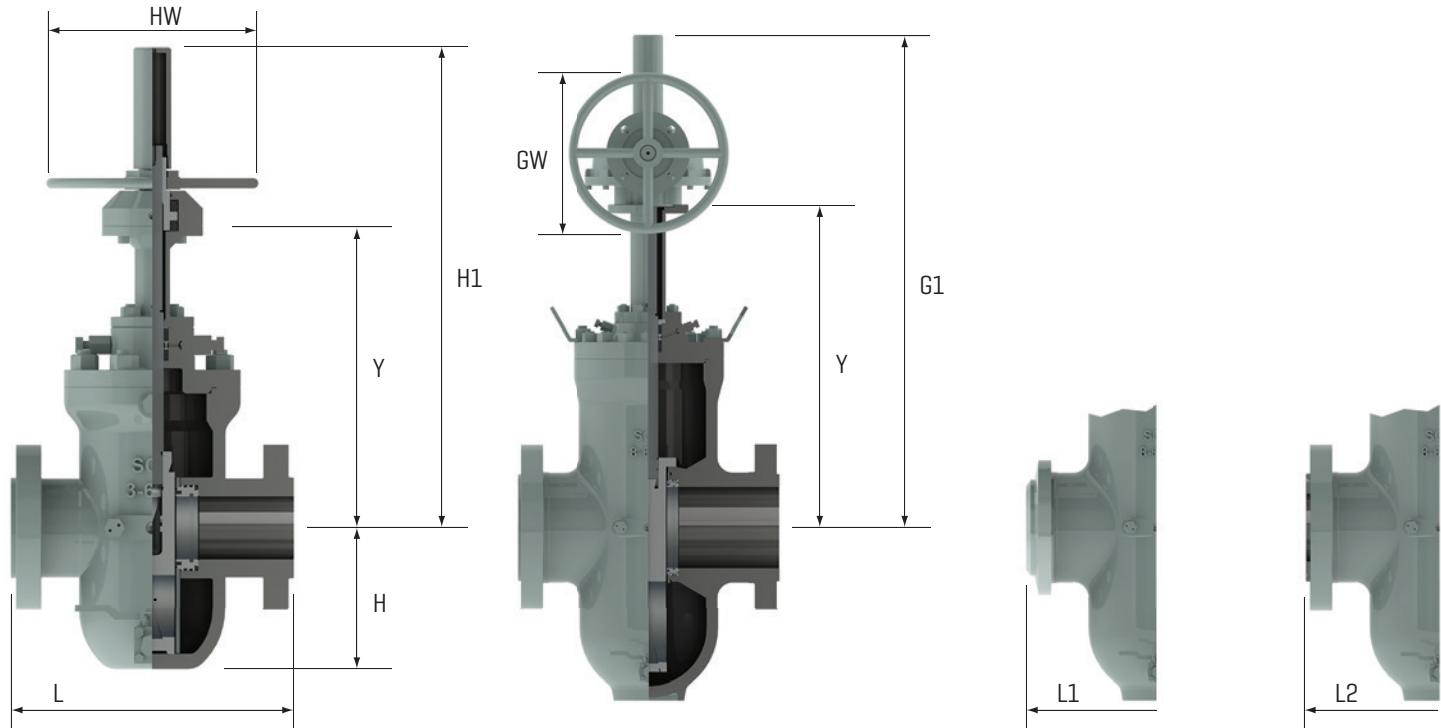
CLASS 600	SIZE		BORE	END-TO-END			CENTER-TO-BOTTOM	CENTER-TO-TOP OF YOKE	HANDWHEEL OPERATED		GEAR OPERATED		WEIGHTS
	F		RF - L	BW - L1	RTJ - L2	H	Y	H1	HW	G1	GW	LBS/KG	
	IN	2	2.06	11.50	11.50	11.88	5.4	12.1	19.0	12.0	19.0	12.0	124
	MM	50	52	292	292	302	137	307	483	305	483	305	56
	IN	3	3.13	14.00	14.00	14.12	7.0	14.96	23.3	12.0	23.3	12.0	179
	MM	80	80	356	356	359	178	380	592	305	592	305	81
	IN	4	4.06	17.00	17.00	17.12	10.1	20.5	31.4	12.0	31.4	12.0	350
	MM	100	103	432	432	435	257	521	798	305	798	305	159
	IN	6	6.06	22.00	22.00	22.12	12.8	25.8	39.3	18.0	39.3	18.0	603
	MM	150	154	559	559	562	325	655	998	457	998	457	274
	IN	8	8.06	26.00	26.00	26.12	17.1	31.9	48.5	18.0	48.5	18.0	1069
	MM	200	205	660	660	663	434	810	1232	457	1232	457	485
	IN	10	10.06	31.00	31.00	31.12	21.3	38.0	57.6	18.0	57.6	18.0	1846
	MM	250	256	787	787	790	541	965	1463	457	1463	457	837
	IN	12	12.06	33.00	33.00	33.12	23.5	43.9	64.9	18.0	64.9	18.0	2442
	MM	300	306	838	838	841	597	1115	1648	457	1648	457	1108
	IN	14	13.25	35.00	35.00	35.12	26.8	47.4	71.4	24.0	71.4	24.0	3237
	MM	350	337	889	889	892	681	1204	1814	610	1814	610	1468
	IN	16	15.25	39.00	39.00	39.12	29.5	52.8	77.6	24.0	77.6	24.0	4204
	MM	400	387	991	991	994	749	1341	1971	610	1971	610	1907
	IN	18	17.25	43.00	43.00	43.12	33.3	58.2	87.8	24.0	87.8	24.0	5880
	MM	450	438	1092	1092	1095	846	1478	2230	610	2230	610	2667
	IN	20	19.19	47.00	47.00	47.25	36.8	65.7	98.3	30.0	98.3	30.0	8325
	MM	500	487	1194	1194	1200	935	1669	2497	610	2497	610	3776
	IN	22	21.25	51.00	/	/	40.8	72.4	107.3	24.0	107.3	24.0	10292
	MM	550	540	1295	/	/	1036	1839	2725	610	2725	610	4668
	IN	24	23.25	55.00	55.00	55.38	44.5	78.3	115.3	24.0	115.3	24.0	12718
	MM	600	591	1397	1397	1407	1130	1989	2929	610	2929	610	5769
	IN	30	29.00	65.00	65.00	65.38	54.0	94.4	140.1	24.0	140.1	24.0	21489
	MM	750	737	1651	1651	1661	1372	2398	3559	610	3559	610	9747
	IN	36	34.50	82.00	/	/	63.5	108.6	160.7	24.0	160.7	24.0	33646
	MM	900	876	2083	/	/	1613	2785	4082	610	4082	610	15262

Note: SCV reserves the right to change any technical design and dimensional data without prior notice. Please contact SCV to confirm all Dimensions and Data offered in this catalog. Larger sizes can be engineered if needed.

Expanding Gate Valve Dimensions

Size: 2" - 36"

Class: 600



CLASS 600	SIZE	BORE F	END-TO-END			CENTER-TO-BOTTOM H	CENTER-TO-TOP OF YOKE Y	HANDWHEEL OPERATED		GEAR OPERATED		WEIGHTS LBS/KG
			RF - L	BW - L1	RTJ - L2			H1	HW	G1	GW	
	IN 2	2.06	11.50	11.50	11.88	5.4	12.1	19.0	12.0	19.0	12.0	124
	MM 50	52	292	292	302	137	307	483	305	483	305	56
	IN 3	3.13	14.00	14.00	14.12	7.0	14.96	23.3	12.0	23.3	12.0	184
	MM 80	80	356	356	359	178	380	592	305	592	305	83
	IN 4	4.06	17.00	17.00	17.12	10.1	20.5	31.4	12.0	31.4	12.0	349
	MM 100	103	432	432	435	257	521	798	305	798	305	158
	IN 6	6.06	22.00	22.00	22.12	12.8	25.8	39.3	18.0	39.3	18.0	601
	MM 150	154	559	559	562	325	655	998	457	998	457	273
	IN 8	8.06	26.00	26.00	26.12	17.1	31.9	48.5	18.0	48.5	18.0	1075
	MM 200	205	660	660	663	434	810	1232	457	1232	457	488
	IN 10	10.06	31.00	31.00	31.12	21.3	38.0	57.6	18.0	57.6	18.0	1876
	MM 250	256	787	787	790	541	965	1463	457	1463	457	851
	IN 12	12.06	33.00	33.00	33.12	23.5	43.9	64.9	18.0	64.9	18.0	2494
	MM 300	306	838	838	841	597	1115	1648	457	1648	457	1131
	IN 14	13.25	35.00	35.00	35.12	26.8	47.4	71.4	24.0	71.4	24.0	3327
	MM 350	337	889	889	892	681	1204	1814	610	1814	610	1059
	IN 16	15.25	39.00	39.00	39.12	29.5	52.8	77.6	24.0	77.6	24.0	4367
	MM 400	387	991	991	994	749	1341	1971	610	1971	610	1981
	IN 18	17.25	43.00	43.00	43.12	33.1	58.2	87.8	24.0	87.8	24.0	6047
	MM 450	438	1092	1092	1095	841	1478	2230	610	2230	610	2743
	IN 20	19.19	47.00	47.00	47.25	36.8	65.7	98.3	30.0	98.3	30.0	8610
	MM 500	487	1194	1194	1200	935	1669	2497	610	2497	610	3905
	IN 22	21.25	51.00	/	/	40.8	72.4	107.3	24.0	107.3	24.0	10720
	MM 550	540	1295	/	/	1036	1839	2725	610	2725	610	4863
	IN 24	23.25	55.00	55.00	55.38	44.5	78.3	115.3	24.0	115.3	24.0	13315
	MM 600	591	1397	1397	1407	1130	1989	2929	610	2929	610	6040
	IN 26	25.00	57.00	**	**	48.6	78.3	115.3	24.0	115.3	24.0	16417
	MM 650	635	1448	**	**	1234	1989	2929	610	2929	610	7447
	IN 28	27.00	61.00	**	**	52.0	78.3	115.3	24.0	115.3	24.0	18692
	MM 700	686	1549	**	**	1321	1989	2929	610	2929	610	8476
	IN 30	29.00	65.00	**	**	54.0	94.4	140.1	24.0	140.1	24.0	22606
	MM 750	737	1651	**	**	1372	2398	3559	610	3559	610	10254
	IN 36	34.50	82.00	**	**	64.0	108.6	160.7	24.0	160.7	24.0	35984
	MM 900	876	2083	**	**	1626	2785	4082	610	4082	610	16322

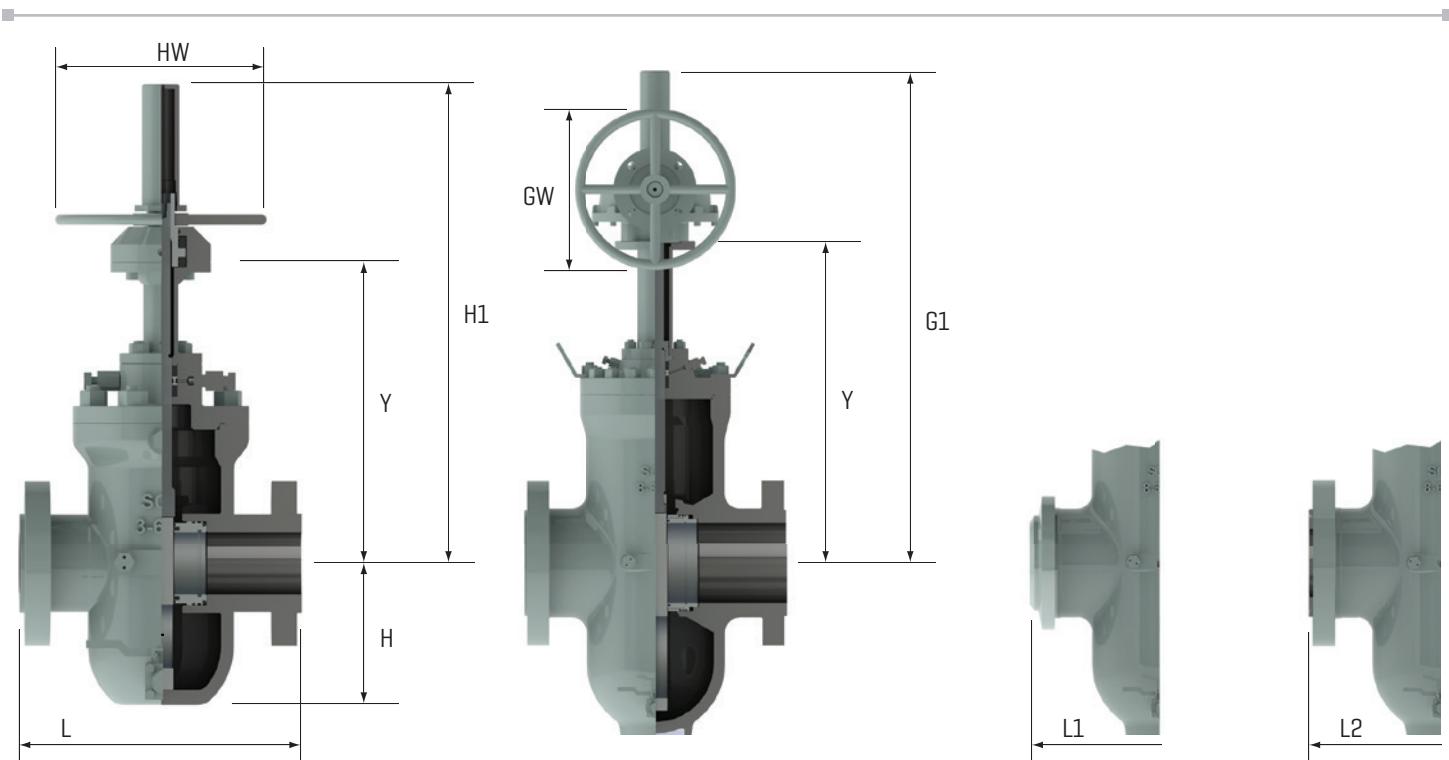
** = Consult factory.

Note: SCV reserves the right to change any technical design and dimensional data without prior notice. Please contact SCV to confirm all Dimensions and Data offered in this catalog. Larger sizes can be engineered if needed.

Slab Gate Valve Dimensions

Size: 2" - 24"

Class: 900



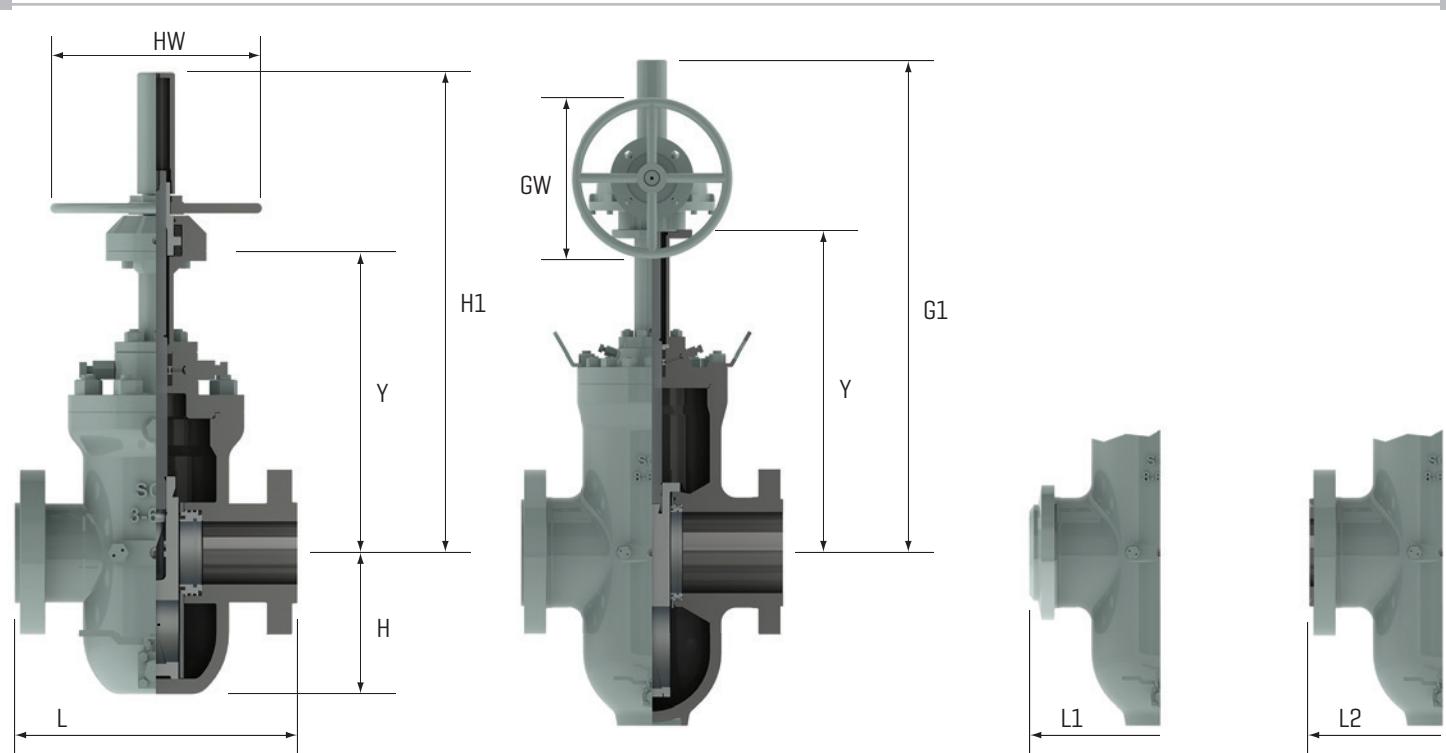
CLASS 900	SIZE		BORE	END-TO-END			CENTER-TO-BOTTOM	CENTER-TO-TOP OF YOKE	HANDWHEEL OPERATED		GEAR OPERATED		WEIGHTS LBS/KG		
		F	RF	L	BW	-L1	RTJ	-L2	H	Y	H1	HW	G1	GW	
	IN 2	2.06	14.50	14.50	14.62				6.0	12.2	19.1	12.0	19.1	12.0	216
	MM 50	52	368	368	371				152	310	485	305	485	305	98
	IN 3	3.13	15.00	15.00	15.12				7.0	14.9	23.3	12.0	23.3	12.0	224
	MM 80	80	381	381	384				178	378	592	305	592	305	107
	IN 4	4.06	18.00	18.00	18.12				10.3	20.5	31.4	12.0	31.4	12.0	403
	MM 100	103	457	457	460				262	521	798	305	798	305	183
	IN 6	6.06	24.00	24.00	24.12				13.1	25.8	39.2	18.0	39.2	18.0	800
	MM 150	154	610	610	613				333	665	996	457	996	457	363
	IN 8	8.06	29.00	29.00	29.12				17.5	31.9	48.5	18.0	48.5	18.0	1346
	MM 200	205	737	737	740				445	810	1232	457	1232	457	611
	IN 10	10.06	33.00	33.00	33.12				21.8	38.0	57.6	18.0	57.6	18.0	2380
	MM 250	256	838	838	841				554	965	1463	457	1463	457	1080
	IN 12	12.06	38.00	38.00	38.12				24.4	43.9	65.6	24.0	65.6	24.0	3258
	MM 300	306	965	965	968				620	1115	1666	610	1666	610	1478
	IN 14	13.25	40.50	40.50	40.88				27.9	47.4	71.4	24.0	71.4	24.0	4208
	MM 350	337	1029	1029	1038				709	1204	1814	610	1814	610	1909
	IN 16	15.25	44.50	44.50	44.88				30.0	52.8	77.6	24.0	77.6	24.0	5343
	MM 400	387	1130	1130	1140				762	1341	1971	610	1971	610	2424
	IN 18	17.25	48.00	48.00	48.50				33.6	58.2	87.8	24.0	87.8	24.0	7382
	MM 450	438	1219	1219	1232				853	1478	2230	610	2230	610	3348
	IN 20	19.19	52.00	52.00	52.50				37.9	66.2	98.3	30.0	98.3	30.0	11400
	MM 500	487	1321	1321	1336				963	1681	2497	610	2497	610	5171
	IN 24	25.00	57.00	/	/				48.8	83.4	122.9	30.0	122.9	30.0	15737
	MM 600	635	1448	/	/				1240	2118	3122	610	3122	610	7138

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Expanding Gate Valve Dimensions

Size: 2" - 24"

Class: 900



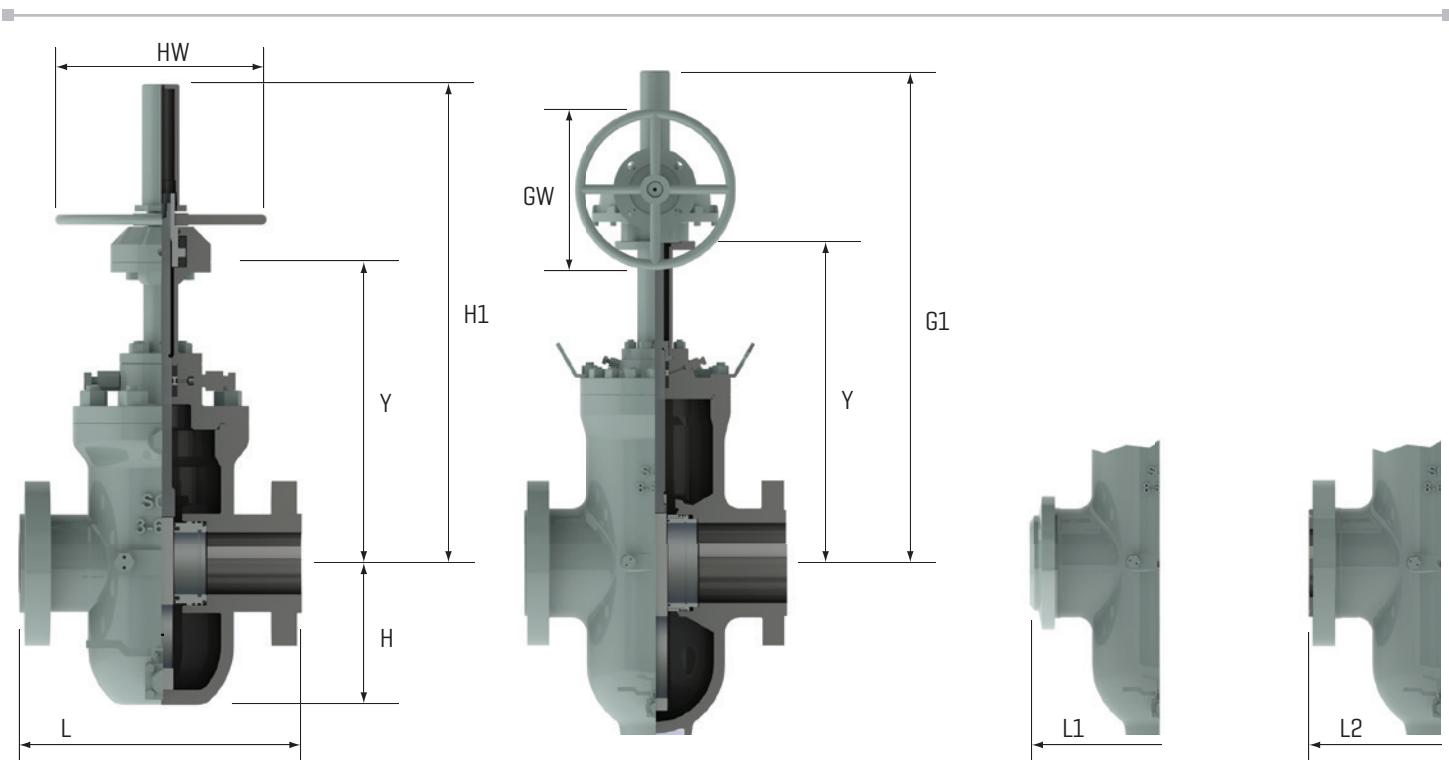
CLASS 900	SIZE		BORE	END-TO-END			CENTER-TO-BOTTOM	CENTER-TO-TOP OF YOKE	HANDWHEEL OPERATED		GEAR OPERATED		WEIGHTS LBS/KG
	IN	MM	F	RF - L	BW - L1	RTJ - L2	H	Y	H1	HW	G1	GW	
	IN 2	MM 50	2.06	14.50	14.50	14.62	6.0	12.2	20.2	12.0	20.2	12.0	215
	IN 3	MM 80	3.13	15.00	15.00	15.12	152	310	513	305	513	305	98
	IN 4	MM 100	4.06	18.00	18.00	18.12	7.0	14.9	23.8	12.0	23.8	12.0	225
	IN 6	MM 120	6.06	24.00	24.00	24.12	178	378	605	305	605	305	102
	IN 8	MM 150	8.06	29.00	29.00	29.12	10.3	20.5	31.2	12.0	31.2	12.0	410
	IN 10	MM 175	10.06	33.00	33.00	33.12	262	521	792	305	792	305	186
	IN 12	MM 200	12.06	38.00	38.00	38.12	13.1	25.8	38.8	18.0	38.8	18.0	798
	IN 14	MM 225	13.25	40.50	40.50	40.88	333	665	986	457	986	457	362
	IN 16	MM 250	15.25	44.50	44.50	44.88	17.5	31.9	48.3	18.0	48.3	18.0	1351
	IN 18	MM 275	17.25	48.00	48.00	48.50	445	810	1227	457	1227	457	613
	IN 20	MM 300	19.19	52.00	52.00	52.50	21.8	38.0	57.4	18.0	57.4	18.0	2402
	IN 22	MM 325	21.19	55.50	55.50	56.00	554	965	1458	457	1458	457	1090
	IN 24	MM 350	23.19	59.00	59.00	59.50	24.4	43.9	65.2	24.0	65.2	24.0	3307
	IN 26	MM 375	25.19	62.50	62.50	63.00	620	1115	1656	610	1656	610	1500
	IN 28	MM 400	27.19	66.00	66.00	66.50	27.9	47.4	70.6	24.0	70.6	24.0	4295
	IN 30	MM 425	29.19	69.50	69.50	70.00	709	1204	1793	610	1793	610	1948
	IN 32	MM 450	31.19	73.00	73.00	73.50	30.0	52.8	77.6	24.0	77.6	24.0	5505
	IN 34	MM 475	33.19	76.50	76.50	77.00	762	1341	1971	610	1971	610	2497
	IN 36	MM 500	35.19	80.00	80.00	80.50	33.6	58.2	88.0	24.0	88.0	24.0	7582
	IN 38	MM 525	37.19	83.50	83.50	84.00	853	1478	2235	610	2235	610	3439
	IN 40	MM 550	39.19	87.00	87.00	87.50	37.9	66.2	97.9	30.0	97.9	30.0	11666
	IN 42	MM 575	41.19	90.50	90.50	91.00	963	1681	2487	610	2487	610	5292
	IN 44	MM 600	43.19	94.00	94.00	94.50	1240	83.4	116.6	30.0	116.6	30.0	19298
	IN 46	MM 625	45.19	97.50	97.50	98.00	2118	2118	2962	610	2962	610	8753

Note: SCV reserves the right to change any technical design and dimensional data without prior notice. Please contact SCV to confirm all Dimensions and Data offered in this catalog. Larger sizes can be engineered if needed.

Slab Gate Valve Dimensions

Size: 2" - 10"

Class: 1500



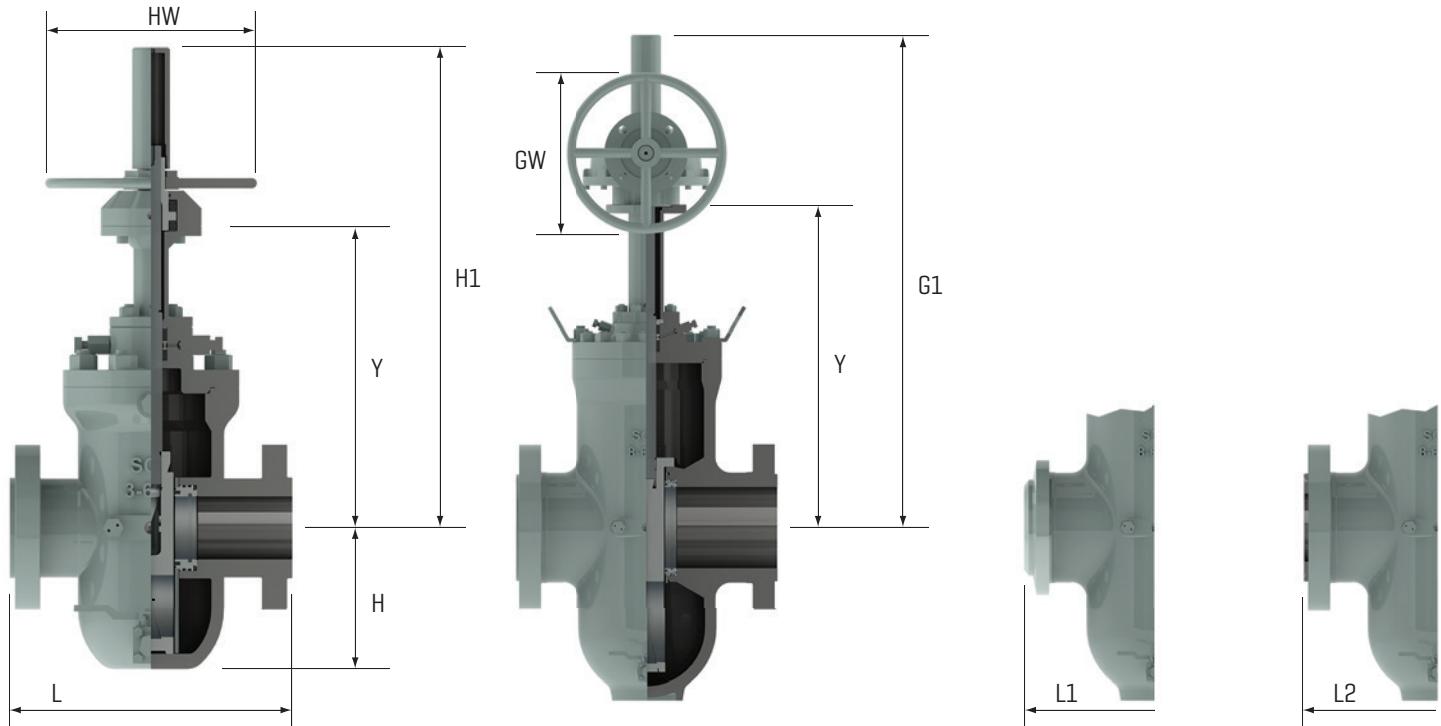
CLASS 1500	SIZE		BORE	END-TO-END			CENTER-TO-BOTTOM	CENTER-TO-TOP OF YOKE	HANDWHEEL OPERATED	GEAR OPERATED		WEIGHTS LBS/KG
		F	RF - L	BW - L1	RTJ - L2	H	Y	H1	HW	G1	GW	
	IN	2	2.06	14.50	14.50	14.62	6.0	12.2	19.1	12.0	19.1	12.0
	MM	50	52	368	368	371	152	310	485	305	485	305
	IN	4	4.06	18.00	18.00	18.12	10.3	20.5	31.4	12.0	31.4	12.0
	MM	100	103	457	457	460	262	521	798	305	798	305
	IN	6	6.06	24.00	24.00	24.12	13.1	25.8	39.2	18.0	39.2	18.0
	MM	150	154	610	610	613	333	665	996	457	996	457
	IN	8	8.06	29.00	29.00	29.12	17.5	31.9	48.5	18.0	48.5	18.0
	MM	200	205	737	737	740	445	810	1232	457	1232	457
	IN	10	10.06	33.00	33.00	33.12	21.8	38.0	57.6	18.0	57.6	18.0
	MM	250	256	838	838	841	554	965	1463	457	1463	457
												1080

Note: SCV reserves the right to change any technical design and dimensional data without prior notice. Please contact SCV to confirm all Dimensions and Data offered in this catalog. Larger sizes can be engineered if needed.

Expanding Gate Valve Dimensions

Size: 2" - 10"

Class: 1500



CLASS 1500	SIZE		BORE	END-TO-END			CENTER-TO-BOTTOM	CENTER-TO-TOP OF YOKE	HANDWHEEL OPERATED		GEAR OPERATED		WEIGHTS
	F	RF-L	RF	BW - L1	RTJ - L2	H	Y	H1	HW	G1	GW	LBS/KG	
	IN	2	2.06	14.50	14.50	14.62	6.0	12.2	20.2	12.0	20.2	12.0	216
	MM	50	52	368	368	371	152	310	513	305	513	305	98
	IN	4	4.06	18.00	18.00	18.12	10.3	20.5	31.4	12.0	31.4	12.0	403
	MM	100	103	457	457	460	262	521	798	305	798	305	183
	IN	6	6.06	24.00	24.00	24.12	13.1	25.8	39.2	18.0	39.2	18.0	800
	MM	150	154	610	610	613	333	665	996	457	996	457	363
	IN	8	8.06	29.00	29.00	29.12	17.5	31.9	46.6	24.0	46.6	24.0	2242
	MM	200	205	737	737	740	445	810	1184	610	1184	610	1017
	IN	10	10.06	/	/	39.38	22.6	38.0	58.5	24.0	58.5	24.0	4086
	MM	250	256	/	/	1000	574	965	1486	610	1486	610	1853

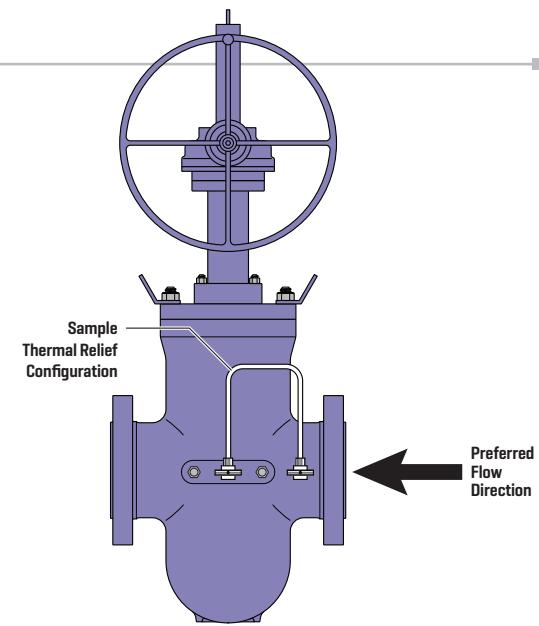
Note: SCV reserves the right to change any technical design and dimensional data without prior notice. Please contact SCV to confirm all Dimensions and Data offered in this catalog. Larger sizes can be engineered if needed.

Expanding Gate Thermal Relief System

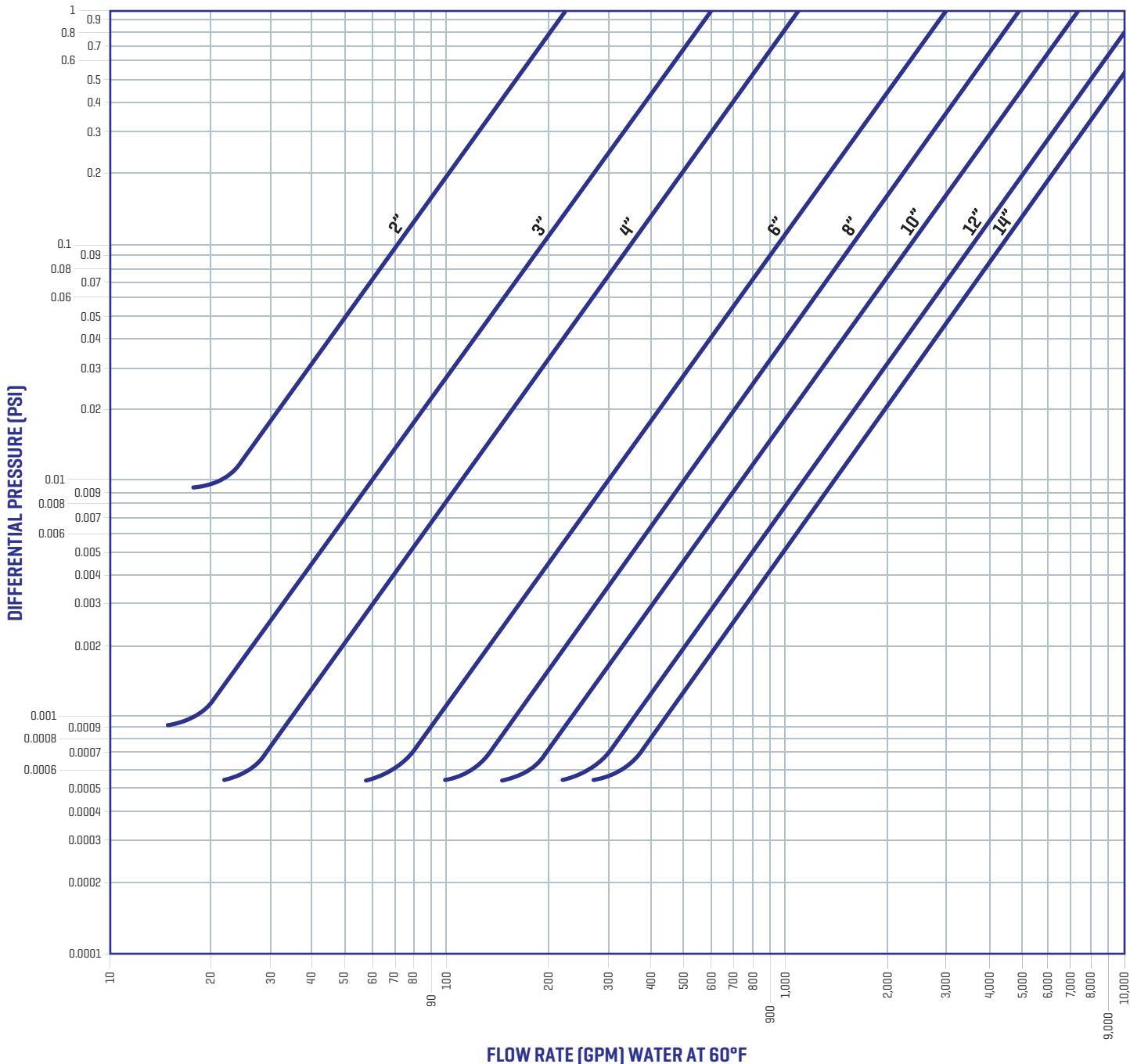
With the expanding gate design, it is possible for Thermal Expansion to occur within the body cavity while the valve is in the closed position. A Thermal Relief system allows the body cavity to relieve into the upstream side of the valve.



SCV Valve installed Thermal Relief system on 16" Class 600 Thru Conduit Expanding Gate Valve.



Liquid: Pressure Loss Curves for TCG Valves - 2" thru 14"



The above graph is based on simulations. Results may differ due to uncertainty within the pipeline or flow conditions. The formulas can be used to find the actual flow coefficient for a given condition of flow. The equations are valid only for incompressible flow.

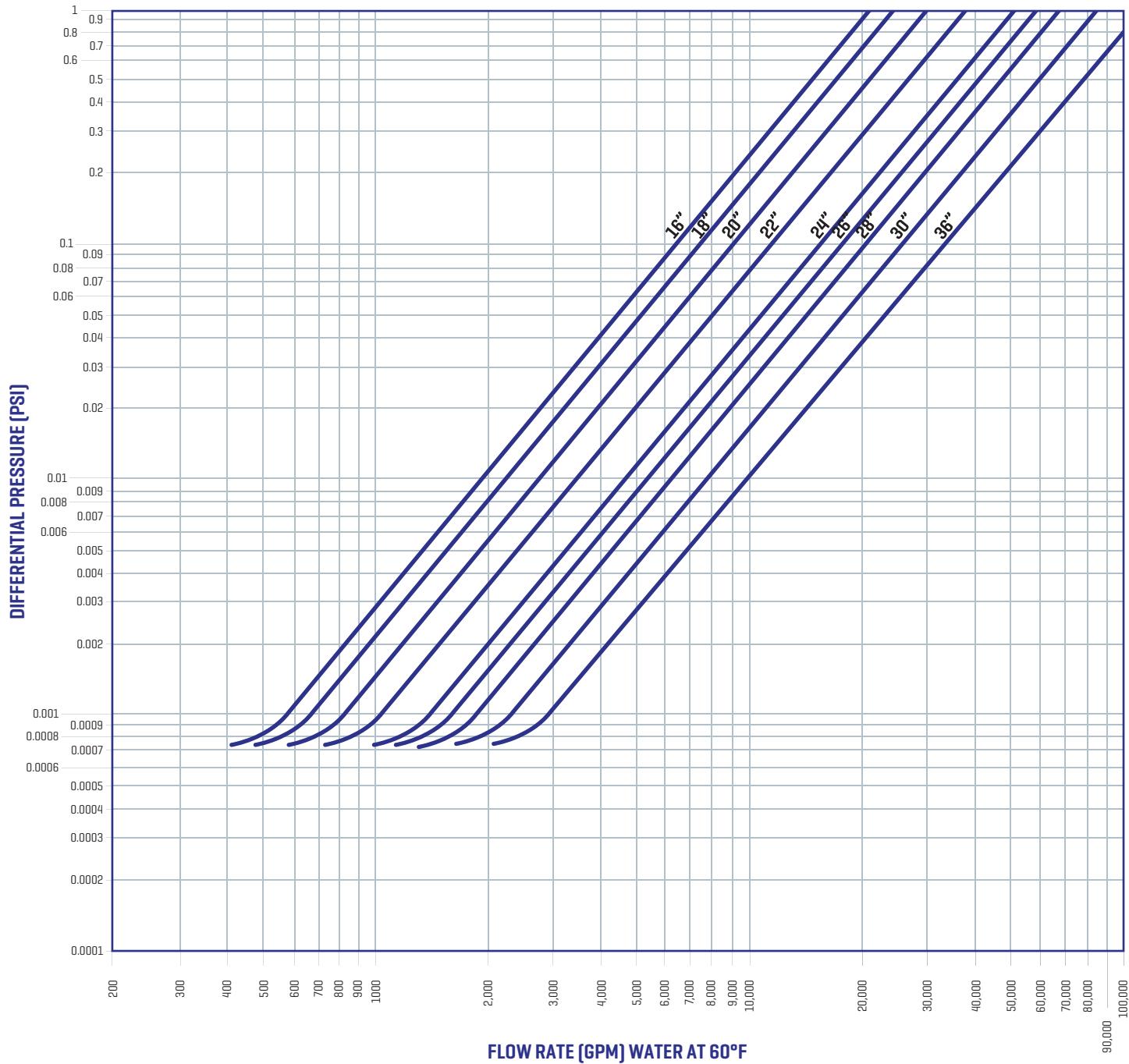
Flow Coefficient for Fully Open Valves	
2	228
3	601
4	1,108
6	3,000
8	5,000
10	7,560
12	11,547
14	13,416

Glossary of Terms	
Q	Flow Rate, Liquids - GPM
C_v	Flow Coefficient
P₁	Inlet Pressure
P₂	Outlet Pressure
ΔP	Pressure Drop [P ₁ - P ₂]
G	Specific Gravity [Water = 1]

Liquid (Incompressible Flow)

$$C_v = Q \sqrt{\frac{G}{\Delta P}} \quad Q = C_v \sqrt{\frac{\Delta P}{G}} \quad \Delta P = \left[\frac{Q}{C_v} \right]^2 G$$

Liquid: Pressure Loss Curves for TCG Valves - 16" thru 36"



The above graph is based on simulations. Results may differ due to uncertainty within the pipeline or flow conditions. The formulas can be used to find the actual flow coefficient for a given condition of flow. The equations are valid only for incompressible flow.

Flow Coefficient for Fully Open Valves	
16	21,213
18	25,000
20	30,237
22	37,187
24	50,709
26	58,423
28	67,131
30	80,041
36	109,888

Glossary of Terms	
Q	Flow Rate, Liquids - GPM
C_v	Flow Coefficient
P₁	Inlet Pressure
P₂	Outlet Pressure
ΔP	Pressure Drop [P ₁ - P ₂]
G	Specific Gravity [Water = 1]

Liquid (Incompressible Flow)

$$C_v = Q \sqrt{\frac{G}{\Delta P}} \quad Q = C_v \sqrt{\frac{\Delta P}{G}} \quad \Delta P = \left[\frac{Q}{C_v} \right]^2 G$$

Seal & Seat Pressure Temperature Chart

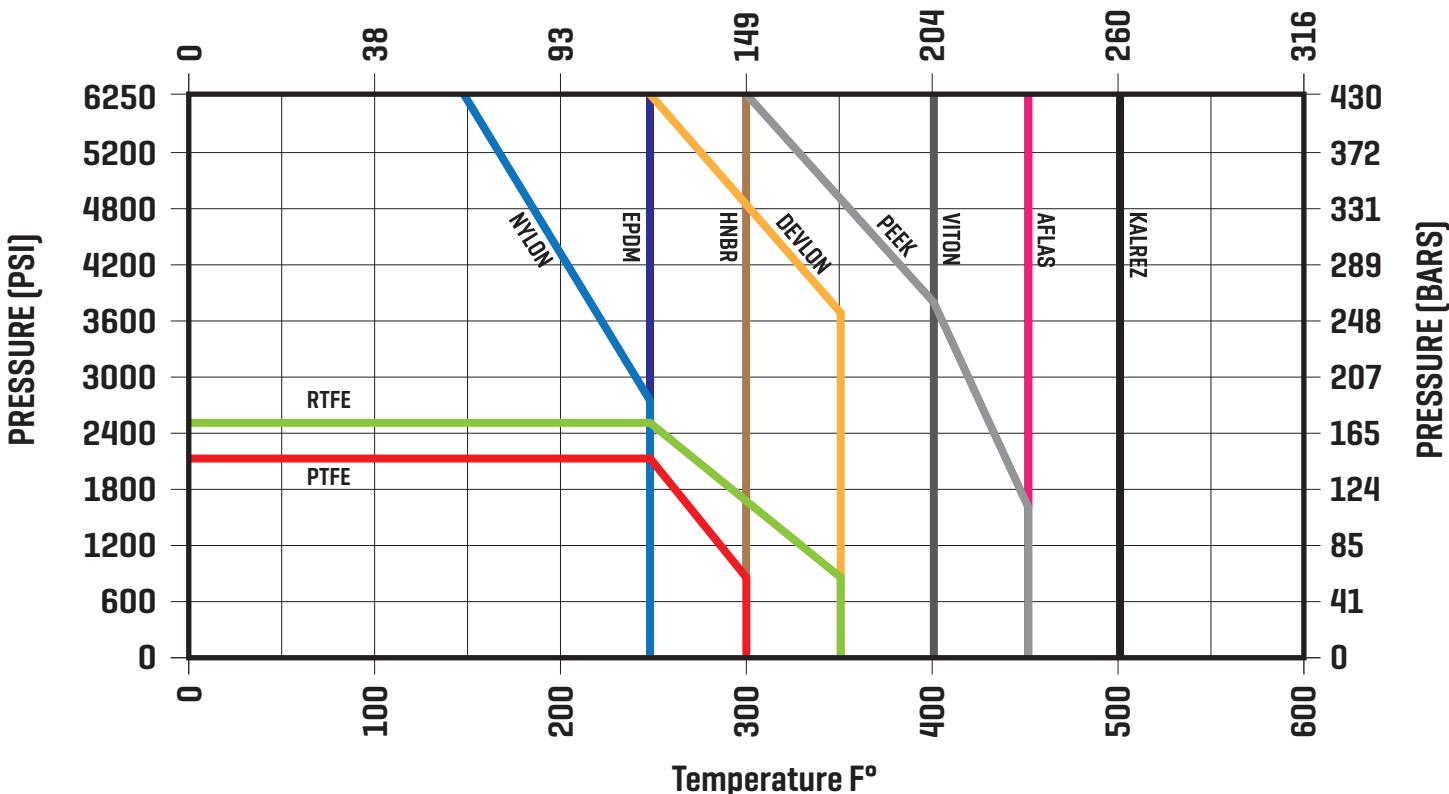
This chart depicts pressure and temperature ratings for common plastics and elastomers used in SCV Valve products.

SCV VALVE SOFT GOOD CHEMICAL COMPATIBILITY

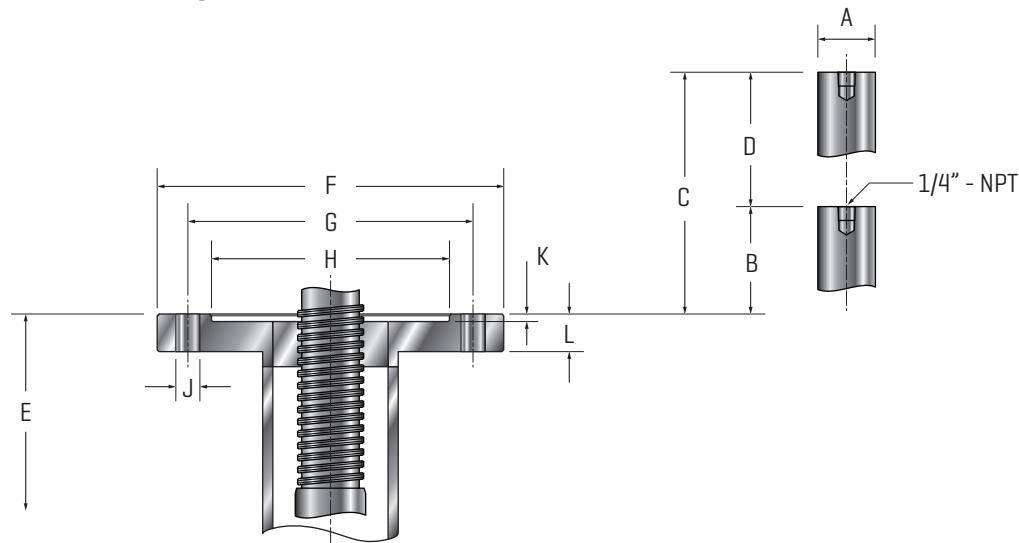
	SEAL MATERIAL			SEAT MATERIAL			
	Viton	HNBR	Kalrez	RTFE	Nylon	Devlon	PEEK
Amines	X	X	●	●	X	X	●
Ammonia	X	X	●	●	●	●	●
Butane	●	●	●	●	●	●	●
Carbon Dioxide	●	●	●	●	●	●	●
Crude Oil	●	●	●	●	●	●	●
Ethane	●	●	●	●	X	X	●
Ethylene	●	●	●	●	●	●	●
Glycol	●	●	●	●	●	X	●
Hydrocarbon	●	●	●	●	●	●	●
Hydrogen	●	●	●	●	●	●	●
Jet Fuel	*	*	●	●	X	X	●
Methane	●	●	●	●	●	●	●
Natural Gas	●	●	●	●	●	●	●
Nitrogen	●	●	●	●	●	●	●
Propane	●	●	●	●	●	●	●
Propylene	●	X	●	●	●	●	●

* Viton OK for JP-3/4/5/6/8/9/10. * HNBR OK for JP-3/4/5/6.

PRESSURE TEMPERATURE CHART



Expanding Gate Valve Operator Interface



Valve Size	ANSI Class	Stem Thread * Double Lead Thread	Top of Stem Closed "A"	Top of Stem Open "B"	Total Travel "C"	To Ctr. of Valve "D"	Mtg. Plt. O.D. "E"	Bolt Circle "F"	Flg. Pilot Dia. "G"	Mounting Holes "H"	Flg. Pilot Depth "J"	Mtg. Plt Thickness "K"	ISO/MSS Mtg. Pattern
2	300	1-5TPI-2G-LH	3.36	6.46	3.10	12.07	5.00	4.02	2.60	4X.43	0.28	0.50	FA10
2	600	1-5TPI-2G-LH	3.36	6.46	3.10	12.07	5.00	4.02	2.60	4X.43	0.28	0.50	FA10
2	900/1500	1-5TPI-2G-LH	3.36	6.46	3.10	12.17	5.00	4.02	2.60	4X.43	0.28	0.50	FA10
3	150	1-5TPI-2G-LH	2.23	6.35	4.12	14.94	5.00	4.02	2.60	4X.43	0.28	0.50	FA10
3	300	1-5TPI-2G-LH	2.20	6.32	4.12	14.94	5.00	4.02	2.60	4X.43	0.28	0.50	FA10
3	600	1-5TPI-2G-LH	3.98	8.10	4.12	14.94	5.00	4.02	2.60	4X.43	0.28	0.50	FA10
3	900	1-5TPI-2G-LH	3.9	8.10	4.12	14.94	5.00	4.02	2.60	4X.43	0.28	0.50	FA10
4	150	1-5TPI-2G-LH	3.90	8.85	4.95	16.90	5.00	4.02	2.79	4X.50	0.15	0.43	FA10
4	300	1-5TPI-2G-LH	3.90	8.50	4.60	16.90	5.00	4.02	2.79	4X.50	0.15	0.43	FA10
4	600	1-1/4-5TPI-2G-LH	4.17	9.05	4.88	20.5	2.700	5.50	3.98	4X.075	0.18	1.00	FA14
4	900	1-1/4-5TPI-2G-LH	4.17	9.05	4.88	20.52	7.00	5.50	3.98	4X.075	0.18	1.00	FA14
6	150	1-5TPI-2G-LH	3.94	10.72	6.78	21.70	5.00	4.02	2.79	4X.50	0.15	0.43	FA10
6	300	1-5TPI-2G-LH	3.94	10.72	6.78	21.70	5.00	4.02	2.79	4X.50	0.15	0.43	FA10
6	600	1-1/2-4TPI-2G-LH	4.54	11.39	6.85	25.78	7.00	5.50	3.98	4X.075	0.18	1.00	FA14
6	900	1-1/2-4TPI-2G-LH	4.54	11.39	6.85	25.78	7.00	5.50	3.98	4X.075	0.18	1.00	FA14
8	150	1-1/2-4TPI-2G-LH	4.47	13.60	9.13	27.88	6.75	5.50	3.98	4X.069	0.18	0.70	FA14
8	300	1-1/2-4TPI-2G-LH	4.47	13.60	9.13	27.88	6.75	5.50	3.98	4X.069	0.19	0.70	FA14
8	600	1-3/4-4TPI-2G-LH	5.34	14.72	9.38	31.94	8.00	6.50	5.15	4X.081	0.23	1.15	FA16
8	900	1-3/4-4TPI-2G-LH	5.37	14.75	9.38	31.94	8.00	6.50	5.15	4X.081	0.23	1.15	FA16
10	150	1-1/2-4TPI-2G-LH	5.11	16.29	11.19	33.54	6.75	5.50	3.98	4X.069	0.18	0.70	FA14
10	300	1-1/2-4TPI-2G-LH	5.18	16.37	11.19	33.46	6.75	5.50	3.97	4X.069	0.19	0.70	FA14
10	600	2-4TPI-2G-LH	6.08	17.79	11.71	37.99	8.50	6.50	5.15	4X.088	0.25	1.13	FA16
10	900	2-4TPI-2G-LH	6.08	17.79	11.71	37.99	8.50	6.50	5.15	4X.088	0.25	1.13	FA16
12	150	1-1/2-4TPI-2G-LH	5.44	18.55	13.11	39.11	6.75	5.50	3.98	4X.069	0.18	0.70	FA14
12	300	1-1/2-4TPI-2G-LH	5.44	18.55	13.11	39.11	6.75	5.50	3.98	4X.069	0.185	0.70	FA14
12	600	2-1/4-3TPI-2G-LH	6.11	19.72	13.61	43.88	11.50	10.00	7.90	8X.075	0.25	1.25	FA25
12	900	2-1/4-3TPI-2G-LH	6.11	19.72	13.61	43.88	11.50	10.00	7.90	8X.075	0.25	1.25	FA25
14	600	2-1/2-3TPI-2G-LH	6.75	21.89	15.14	47.52	11.50	10.00	7.90	8X.075	0.25	1.25	FA25
14	900	2-1/2-3TPI-2G-LH	6.75	21.89	15.14	47.44	11.50	10.00	7.90	8X.075	0.25	1.25	FA25
16	150	*1.5-0.20P-0.40L-ACME-2G-LH	6.02	22.52	16.50	47.89	6.75	5.50	3.96	4X.069	0.15	0.70	FA14
16	300	*2.0-0.25P-0.50L-ACME-2G-LH	6.01	22.45	16.44	48.38	11.80	10.00	7.89	8X.075	0.20	0.88	FA25
16	600	*2.5-0.40P-0.80L-ACME-2G-LH	6.42	23.07	16.65	52.25	12.00	10.00	7.90	8X.075	0.25	1.25	FA25
16	900	*2.5-0.40P-0.80L-ACME-2G-LH	6.52	23.17	16.65	52.25	12.00	10.00	7.90	8X.075	0.25	1.25	FA25
18	600	*3.0-0.40P-0.80L-ACME-2G-LH	8.71	27.74	19.03	58.55	12.00	10.00	7.90	8X.075	0.25	1.25	FA25
18	900	*3.0-0.40P-0.80L-ACME-2G-LH	8.71	27.74	19.03	58.55	12.00	10.00	7.90	8X.075	0.25	1.25	FA25
20	150	*2.0-0.25P-0.50L-ACME-2G-LH	5.93	26.17	20.24	57.99	8.25	6.50	5.14	4X.081	0.23	0.75	FA16
20	300	*2.0-0.25P-0.50L-ACME-2G-LH	5.87	26.05	20.18	58.11	11.80	10.00	7.89	8X.075	0.20	0.88	FA25
20	600	*3.25-0.40P-0.80L-ACME-2G-LH	9.37	30.33	20.96	65.70	14.00	11.73	9.10	8X.088	0.25	1.39	FA30
20	900	*3.25-0.40P-0.80L-ACME-2G-LH	8.88	29.84	20.96	66.20	16.38	14.02	10.28	8X.125	0.25	1.39	FA35
22	600	*3.25-0.40P-0.80L-ACME-2G-LH	9.43	32.74	23.31	72.41	16.38	14.02	10.28	8X.125	0.25	1.25	FA35
24	150	*2.5-0.40P-0.80L-ACME-2G-LH	7.22	31.80	24.58	70.38	11.80	10.00	7.89	8X.075	0.22	1.00	FA25
24	300	*2.5-0.40P-0.80L-ACME-2G-LH	7.04	31.54	24.50	70.63	13.75	11.73	9.07	8X.088	0.22	1.00	FA30
24	600	*4.0-0.40P-0.80L-ACME-2G-LH	9.64	34.97	25.33	78.35	16.38	14.02	10.28	8X.125	0.25	1.25	FA35
24	900	*4.0-0.40P-0.80L-ACME-2G-LH	9.15	34.47	25.33	78.80	18.50	15.98	11.84	8X.138	0.33	1.25	FA40
26	600	*4.0-0.40P-0.80L-ACME-2G-LH	9.80	36.68	26.88	83.41	16.38	14.02	10.28	8X.125	0.25	1.25	FA35
28	600	*4.0-0.40P-0.80L-ACME-2G-LH	9.60	39.22	29.62	87.09	16.38	14.02	10.26	8X.125	0.25	1.25	FA35
30	150	*2.5-0.40P-0.80L-ACME-2G-LH	7.00	37.56	30.56	83.93	13.75	11.73	9.07	8X.088	0.22	0.88	FA30
30	300	*2.75-0.40P-0.80L-ACME-2G-LH	7.44	38.00	30.56	86.41	16.30	14.02	10.24	8X.125	0.23	1.13	FA35
30	600	*4.0-0.40P-0.80L-ACME-2G-LH	10.20	41.00	30.80	94.41	18.50	15.98	11.84	8X.138	0.33	1.3	FA40
36	150	*2.75-0.40P-0.80L-ACME-2G-LH	6.93	42.74	35.81	98.64	16.38	14.02	10.24	8X.125	0.23	1.13	FA35
40	300	*3.25-0.40P-0.80L-ACME-2G-LH	7.89	43.70	35.81	101.68	18.50	15.98	11.84	8X.138	0.33	1.38	FA40

Slab Gate Valve Operator Interface

Valve Size	ANSI Class	Stem Thread * Double Lead Thread	Top of Stem Closed	Top of Stem Open	Total Travel	To Ctr. of Valve	Mtg. Plt. O.D.	Bolt Circle	Flg. Pilot Dia.	Mounting Holes	Flg. Pilot Depth	Mtg. Plt Thickness	ISO/MSS Mtg. Pattern
		"A"	"B"	"C"	"D"	"E"	"F"	"G"	"H"	"J"	"K"	"L"	
2	150	1-5TPI-2G-LH	3.49	6.33	2.84	11.72	5.00	4.02	2.60	4X0.43	0.28	0.50	FA10
2	300	1-5TPI-2G-LH	3.49	6.32	2.83	11.72	5.00	4.02	2.60	4X0.43	0.28	0.50	FA10
2	600	1-5TPI-2G-LH	3.25	6.30	3.05	12.07	5.00	4.02	2.60	4X0.43	0.28	0.50	FA10
2	900/1500	1-5TPI-2G-LH	3.15	6.30	3.15	12.17	5.00	4.02	2.60	4X0.43	0.28	0.50	FA10
3	150	1-5TPI-2G-LH	3.36	7.15	3.79	14.45	5.00	4.02	2.60	4X0.43	0.28	0.50	FA10
3	300	1-5TPI-2G-LH	3.36	7.12	3.76	14.45	5.00	4.02	2.60	4X0.43	0.28	0.50	FA10
3	600	1-5TPI-2G-LH	2.91	6.56	3.65	14.94	5.00	4.02	2.60	4X0.43	0.28	0.50	FA10
3	900	1-5TPI-2G-LH	2.91	6.56	3.65	14.94	5.00	4.02	2.60	4X0.43	0.28	0.50	FA10
4	150	1-5TPI-2G-LH	3.80	8.56	4.76	16.63	5.00	4.02	2.79	4X0.50	0.15	0.43	FA10
4	300	1-5TPI-2G-LH	3.80	10.50	6.70	16.63	5.00	4.02	2.79	4X0.50	0.15	0.46	FA10
4	600	1-1/4-5TPI-2G-LH	4.39	9.29	4.90	20.52	7.00	5.50	3.98	4X0.75	0.18	1.00	FA14
4	900	1-1/4-5TPI-2G-LH	4.39	9.29	4.90	20.52	7.00	5.50	3.98	4X0.75	0.18	1.00	FA14
6	150	1-5TPI-2G-LH	3.70	10.45	6.75	21.63	5.00	4.02	2.79	4X0.50	0.15	0.43	FA10
6	300	1-5TPI-2G-LH	3.70	10.45	6.75	21.63	5.00	4.02	2.79	4X0.50	0.15	0.43	FA10
6	600	1-1/2-4TPI-2G-LH	5.01	11.86	6.85	25.78	7.00	5.50	3.98	4X0.75	0.18	1.00	FA14
6	900	1-1/2-4TPI-2G-LH	5.01	11.86	6.85	25.78	7.00	5.50	3.98	4X0.75	0.18	1.00	FA14
8	150	1-1/2-4TPI-2G-LH	4.30	13.13	8.83	27.69	6.75	5.50	3.98	4X0.69	0.18	0.70	FA14
8	300	1-1/2-4TPI-2G-LH	4.30	13.13	8.83	27.69	6.75	5.50	3.98	4X0.69	0.18	0.70	FA14
8	600	1-3/4-4TPI-2G-LH	5.50	14.88	9.38	31.94	8.00	6.50	5.15	4X0.81	0.23	1.15	FA16
8	900	1-3/4-4TPI-2G-LH	5.50	14.88	9.38	31.94	8.00	6.50	5.15	4X0.81	0.23	1.15	FA16
10	150	1-1/2-4TPI-2G-LH	5.10	15.98	10.88	33.14	6.75	5.50	3.98	4X0.69	0.19	0.70	FA14
10	300	1-1/2-4TPI-2G-LH	5.10	15.98	10.88	33.14	6.75	5.50	3.98	4X0.69	0.19	0.70	FA14
10	600	2-4TPI-2G-LH	6.40	17.90	11.50	37.99	8.50	6.50	5.15	4X0.88	0.25	1.13	FA16
10	900	2-4TPI-2G-LH	6.40	17.90	11.50	37.99	8.50	6.50	5.15	4X0.88	0.25	1.13	FA16
12	150	1-1/2-4TPI-2G-LH	5.10	18.10	13.00	38.63	6.75	5.50	3.98	4X0.69	0.19	0.70	FA14
12	300	1-1/2-4TPI-2G-LH	5.10	18.10	13.00	38.63	6.75	5.50	3.98	4X0.69	0.19	0.70	FA14
12	600	2-1/4-3TPI-2G-LH	7.00	20.25	13.25	43.88	11.50	10.00	7.90	8X0.75	0.25	1.25	FA25
12	900	2-1/4-3TPI-2G-LH	7.00	20.25	13.25	43.88	11.50	10.00	7.90	8X0.75	0.25	1.25	FA25
14	150	*1.5-0.20P-040L-ACME-2G-LH	5.10	19.39	14.29	41.42	6.75	5.50	3.98	4X0.69	0.23	0.70	FA14
14	300	*1.5-0.20P-040L-ACME-2G LH	5.10	19.39	14.29	41.42	6.75	5.50	3.98	4X0.69	0.19	0.70	FA14
14	600	2-1/2-3TPI-2G-LH	7.30	22.30	15.00	47.44	11.50	10.00	7.90	8X0.75	0.25	1.25	FA25
14	900	2-1/2-3TPI-2G-LH	7.30	22.30	15.00	47.44	11.50	10.00	7.90	8X0.75	0.25	1.25	FA25
16	150	*1.5-0.20P-040L-ACME-2G-LH	6.10	22.28	16.18	46.73	6.75	5.50	3.98	4X0.69	0.19	0.70	FA14
16	300	*1.5-0.20P-040L-ACME-2G-LH	6.10	22.28	16.18	46.79	6.75	5.50	3.98	4X0.69	0.19	0.70	FA14
16	600	*2.5-0.40P-0.80L-ACME-2G-LH	7.20	23.70	16.50	52.25	12.00	10.00	7.90	8X0.75	0.25	1.25	FA25
16	900	*2.5-0.40P-0.80L-ACME-2G-LH	7.20	23.70	16.50	52.25	12.00	10.00	7.90	8X0.75	0.25	1.25	FA25
18	150	*1.75"-0.25P-0.50L-ACME-2G LH	7.10	25.26	18.16	51.31	8.25	6.50	5.14	4X0.81	0.22	0.75	FA16
18	300	*1.75"-0.25P-0.50L-ACME-2G LH	6.60	24.76	18.16	51.79	8.25	6.50	5.14	4X0.81	0.22	0.75	FA16
18	600	*3.0-0.40P-0.80L-ACME-2G-LH	9.30	27.96	18.66	58.18	12.00	10.00	7.90	8X0.75	0.25	1.25	FA25
18	900	*3.0-0.40P-0.80L-ACME-2G-LH	9.30	27.96	18.66	58.18	12.00	10.00	7.90	8X0.75	0.25	1.25	FA25
20	150	*2.0-0.25P-0.50L-ACME-2G-LH	5.80	26.04	20.24	57.21	8.25	6.50	5.15	4X0.81	0.25	0.75	FA16
20	300	*2.0-0.25P-0.50L-ACME-2G-LH	5.80	25.93	20.13	57.21	8.25	6.50	5.15	4X0.81	0.25	0.75	FA16
20	600	*3.25-0.40P-0.80L-ACME-2G-LH	9.91	31.01	21.10	65.70	14.02	11.73	9.10	8X0.88	0.25	1.38	FA30
20	900	*3.25-0.40P-0.80L-ACME-2G-LH	9.90	30.49	20.59	66.20	16.38	14.02	10.28	8X1.25	0.25	1.39	FA35
22	600	*3.25-0.40P-0.80L-ACME-2G-LH	10.10	33.41	23.31	70.54	16.38	14.02	10.28	8X1.25	0.25	1.25	FA35
24	150	*2.0-0.25P-0.50L-ACME-2G-LH	6.50	30.96	24.46	68.61	8.25	6.50	5.15	4X0.81	0.23	0.75	FA16
24	300	*2.0-0.25P-0.50L-ACME-2G-LH	5.90	30.36	24.46	69.24	8.25	6.50	5.15	4X0.81	0.23	0.75	FA16
24	600	*4.0-0.40P-0.80L-ACME-2G-LH	10.40	35.73	25.33	78.30	16.38	14.02	10.28	8X1.25	0.25	1.25	FA35
26	600	*4.0-0.40P-0.80L-ACME-2G-LH	11.00	37.88	26.88	83.41	16.38	14.02	10.28	8X1.25	0.25	1.25	FA35
28	150	*2.5-0.40P-0.80L-ACME-2G-LH	6.60	35.22	28.62	80.48	8.25	6.50	5.15	4X0.81	0.25	0.88	FA25
30	150	*2.5-0.40P-0.80L-ACME-2G-LH	6.70	37.02	30.32	83.98	8.25	6.50	5.15	4X0.81	0.23	0.75	FA25
30	300	*2.5-0.40P-0.80L-ACME-2G-LH	6.90	37.28	30.38	85.66	11.50	10.00	7.90	8X0.69	0.25	1.00	FA25
30	600	*4.0-0.40P-0.80L-ACME-2G-LH	10.80	41.80	31.00	94.41	18.50	15.98	11.84	8X1.38	0.33	1.25	FA40
32	150	*2.5-0.40P-0.80L-ACME-2G-LH	6.80	38.98	32.18	88.79	8.25	6.50	5.15	4X0.81	0.25	0.88	FA25
36	150	*2.5-0.40P-0.80L-ACME-2G-LH	6.40	42.15	35.75	97.23	11.50	10.00	7.90	8X0.69	0.25	1.00	FA25
36	300	*2.75-0.40P-0.80L-ACME-2G-LH	9.20	45.30	36.10	105.37	16.38	14.02	10.28	8X1.25	0.25	1.25	FA35
36	600	*4.0-0.40P-0.80L-ACME-2G-LH	11.30	47.80	36.50	105.88	18.50	15.98	11.84	8X1.38	0.33	1.25	FA40
40	150	*2.75-0.40P-0.80L-ACME-2G-LH	6.60	47.20	40.60	110.01	14.02	11.75	9.10	8X0.88	0.25	1.00	FA30
40	300	*3.25-0.40P-0.80L-ACME-2G-LH	7.50	47.80	40.30	115.18	18.50	15.98	11.84	8X1.38	0.33	1.25	FA40
42	150	*2.75-0.40P-0.80L-ACME-2G-LH	6.60	48.90	42.30	114.39	14.02	11.75	9.10	8X0.88	0.25	1.00	FA30
42	300	*3.25-0.40P-0.80L-ACME-2G-LH	8.20	50.00	41.80	118.55	18.50	15.98	11.84	8X1.38	0.33	1.25	FA40

Pressure Temperature Ratings - ASME B16.34

Note: Pressures in PSI

	Temp. F	A105	WCB	LF2	WCC	LCB	WC6	LCC	C5	C12	C12A	316	CF8M	F51	F53
150	-20 to 100	285	285	285	290	265	290	290	290	290	290	275	275	290	290
	200	260	260	260	260	255	260	260	260	260	260	235	235	260	260
	300	230	230	230	230	230	230	230	230	230	230	215	215	230	230
	400	200	200	200	200	200	200	200	200	200	200	195	195	200	200
	500	170	170	170	170	170	170	170	170	170	170	170	170	170	170
	600	140	140	140	140	140	140	140	140	140	140	140	140	140	140
	650	125	125	125	125	125	125	125	125	125	125	125	125	125	125
	700	110	110	110	110	110	110	110	110	110	110	110	110	110	110
	750	95	95	95	95	95	95	95	95	95	95	95	95	95	95
	800	80	80	80	80	80	80	80	80	80	80	80	80	/	/
	850	65	65	65	65	65	65	65	65	65	65	65	65	/	/
	900	50	50	50	50	50	50	50	50	50	50	50	50	/	/
	950	35	35	35	35	35	35	35	35	35	35	35	35	/	/
	1000	20	20	20	20	20	20	20	20	20	20	20	20	/	/
	1050	/	/	/	/	/	20	/	20	20	20	20	20	/	/
	1100	/	/	/	/	/	20	/	20	20	20	20	20	/	/
	1150	/	/	/	/	/	20	/	20	20	20	20	20	/	/
	1200	/	/	/	/	/	15	/	15	20	20	20	20	/	/
300	1250	/	/	/	/	/	/	/	/	/	/	20	20	/	/
	1300	/	/	/	/	/	/	/	/	/	/	20	20	/	/
	1350	/	/	/	/	/	/	/	/	/	/	20	20	/	/
	1400	/	/	/	/	/	/	/	/	/	/	20	20	/	/
	1450	/	/	/	/	/	/	/	/	/	/	20	20	/	/
	1500	/	/	/	/	/	/	/	/	/	/	15	15	/	/
	Temp. F	A105	WCB	LF2	WCC	LCB	WC6	LCC	C5	C12	C12A	316	CF8M	F51	F53
	-20 to 100	740	740	740	750	695	750	750	750	750	750	720	720	750	750
	200	680	680	680	750	660	750	750	750	750	750	620	620	745	745
	300	655	655	655	730	640	720	730	730	730	730	560	560	665	665
	400	635	635	635	705	615	695	705	705	705	705	515	515	615	615
	500	605	605	605	665	585	665	665	665	665	665	480	480	580	580
	600	570	570	570	605	550	605	605	605	605	605	450	450	555	555
	650	550	550	550	590	535	590	590	590	590	590	440	440	545	545
	700	530	530	530	555	510	570	555	570	570	570	435	435	540	540
	750	505	505	505	505	475	530	505	530	530	530	425	425	530	530
	800	410	410	410	410	390	510	410	510	510	510	420	420	/	/
	850	320	320	320	320	300	485	320	485	485	485	420	420	/	/
	900	230	230	230	225	200	450	225	375	450	450	415	415	/	/
	950	135	135	135	135	135	320	135	275	375	385	385	385	/	/
	1000	85	85	85	85	85	215	85	200	255	365	365	365	/	/
	1050	/	/	/	/	/	145	/	145	170	360	160	160	/	/
	1100	/	/	/	/	/	95	/	100	115	300	305	305	/	/
	1150	/	/	/	/	/	65	/	60	75	225	235	235	/	/
	1200	/	/	/	/	/	40	/	35	50	145	185	185	/	/
	1250	/	/	/	/	/	/	/	/	/	/	145	145	/	/
	1300	/	/	/	/	/	/	/	/	/	/	115	115	/	/
	1350	/	/	/	/	/	/	/	/	/	/	95	95	/	/
	1400	/	/	/	/	/	/	/	/	/	/	75	75	/	/
	1450	/	/	/	/	/	/	/	/	/	/	60	60	/	/
	1500	/	/	/	/	/	/	/	/	/	/	40	40	/	/

Pressure Temperature Ratings - ASME B16.34

Note: Pressures in PSI

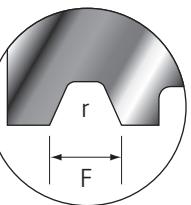
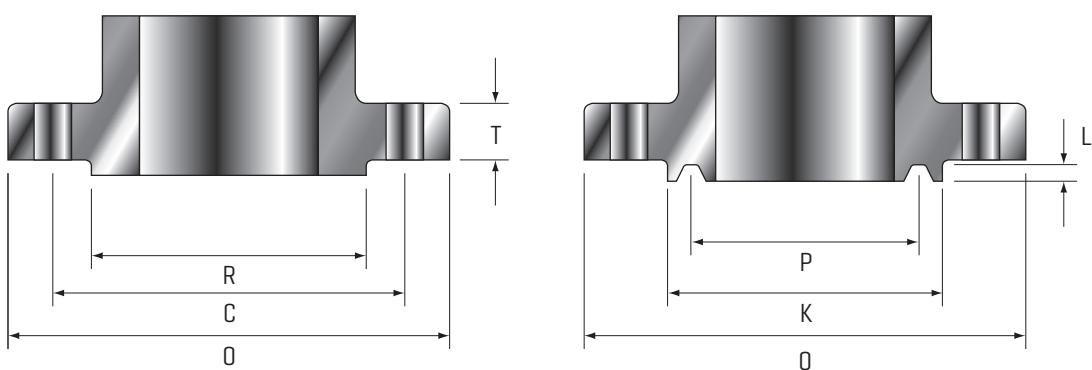
	Temp. F	A105	WCB	LF2	WCC	LCB	WC6	LCC	C5	C12	C12A	316	CF8M	F51	F53
600	-20 to 100	1480	1480	1480	1500	1395	1500	1500	1500	1500	1500	1440	1440	1500	1500
	200	1360	1360	1360	1500	1320	1500	1500	1500	1500	1500	1240	1240	1490	1490
	300	1310	1310	1310	1455	1275	1445	1455	1455	1455	1455	1120	1120	1335	1335
	400	1265	1265	1265	1405	1230	1385	1405	1410	1410	1410	1025	1025	1230	1230
	500	1205	1205	1205	1330	1175	1330	1330	1330	1330	1330	995	995	1160	1160
	600	1135	1135	1135	1210	1105	1210	1210	1210	1210	1210	900	900	1115	1115
	650	1100	1100	1100	1175	1065	1175	1175	1175	1175	1175	885	885	1095	1095
	700	1060	1060	1060	1110	1025	1135	1110	1135	1135	1135	870	870	1085	1085
	750	1015	1015	1015	1015	955	1065	1015	1065	1065	1065	855	855	1065	1065
	800	825	825	825	825	780	1015	825	1015	1015	1015	845	845	/	/
	850	640	640	640	640	595	975	640	975	975	975	835	835	/	/
	900	460	460	460	445	405	900	445	745	900	900	830	830	/	/
	950	275	275	275	275	275	640	275	550	755	775	775	/	/	/
	1000	170	170	170	170	170	430	170	400	505	725	725	725	/	/
	1050	/	/	/	/	/	290	/	290	345	720	720	720	/	/
	1100	/	/	/	/	/	190	/	200	225	605	610	610	/	/
	1150	/	/	/	/	/	130	/	125	150	445	475	475	/	/
	1200	/	/	/	/	/	80	/	70	105	290	370	370	/	/
	1250	/	/	/	/	/	/	/	/	/	/	295	295	/	/
	1300	/	/	/	/	/	/	/	/	/	/	235	235	/	/
	1350	/	/	/	/	/	/	/	/	/	/	190	190	/	/
	1400	/	/	/	/	/	/	/	/	/	/	150	150	/	/
	1450	/	/	/	/	/	/	/	/	/	/	115	115	/	/
	1500	/	/	/	/	/	/	/	/	/	/	85	85	/	/
900	Temp. F	A105	WCB	LF2	WCC	LCB	WC6	LCC	C5	C12	C12A	316	CF8M	F51	F53
	-20 to 100	2220	2220	2220	2250	2090	2250	2250	2250	2250	2250	2160	2160	2250	2250
	200	2035	2035	2035	2250	1980	2250	2250	2250	2250	2250	1860	1860	2230	2230
	300	1965	1965	1965	2185	1915	2165	2185	2185	2185	2185	1680	1680	2000	2000
	400	1900	1900	1900	2110	1845	2080	2110	2115	2115	2115	1540	1540	1845	1845
	500	1810	1810	1810	1995	1760	1995	1995	1995	1995	1995	1435	1435	1740	1740
	600	1705	1705	1705	1815	1655	1815	1815	1815	1815	1815	1355	1355	1670	1670
	650	1650	1650	1650	1765	1600	1765	1765	1765	1765	1765	1325	1325	1640	1640
	700	1590	1590	1590	1665	1535	1705	1665	1705	1705	1705	1305	1305	1625	1625
	750	1520	1520	1520	1520	1430	1595	1520	1595	1595	1595	1280	1280	1595	1595
	800	1235	1235	1235	1235	1175	1525	1235	1525	1525	1525	1265	1265	/	/
	850	955	955	955	955	895	1460	955	1460	1460	1460	1255	1255	/	/
	900	690	690	690	670	605	1350	670	1120	1350	1350	1245	1245	/	/
	950	410	410	410	410	410	955	410	825	1130	1160	1160	1160	/	/
	1000	255	255	255	255	650	255	595	760	1090	1090	1090	1090	/	/
	1050	/	/	/	/	/	430	/	430	515	1080	1080	1080	/	/
	1100	/	/	/	/	/	290	/	300	340	905	915	915	/	/
	1150	/	/	/	/	/	195	/	185	225	670	710	710	/	/
	1200	/	/	/	/	/	125	/	105	155	430	555	555	/	/
	1250	/	/	/	/	/	/	/	/	/	/	440	440	/	/
	1300	/	/	/	/	/	/	/	/	/	/	350	350	/	/
	1350	/	/	/	/	/	/	/	/	/	/	290	290	/	/
	1400	/	/	/	/	/	/	/	/	/	/	225	225	/	/
	1450	/	/	/	/	/	/	/	/	/	/	175	175	/	/
	1500	/	/	/	/	/	/	/	/	/	/	125	125	/	/

Pressure Temperature Ratings - ASME B16.34

Note: Pressures in PSI

	Temp. F	A105	WCB	LF2	WCC	LCB	WC6	LCC	C5	C12	C12A	316	CF8M	F51	F53
1500	-20 to 100	3705	3705	3705	3750	3480	3750	3750	3750	3750	3750	3600	3600	3750	3750
	200	3395	3395	3395	3750	3300	3750	3750	3750	3750	3750	3095	3095	3720	3720
	300	3270	3270	3270	3640	3190	3610	3640	3640	3640	3640	2795	2795	3335	3335
	400	3170	3170	3170	3520	3075	3465	3520	3530	3530	3530	2570	2570	3070	3070
	500	3015	3015	3015	3325	2930	3325	3325	3325	3325	3325	2390	2390	2905	2905
	600	2840	2840	2840	3025	2755	3025	3025	3025	3025	3025	2255	2255	2785	2785
	650	2745	2745	2745	2940	2665	2940	2940	2940	2940	2940	2210	2210	2735	2735
	700	2665	2665	2665	2775	2560	2840	2775	2840	2840	2840	2170	2170	2710	2710
	750	2535	2535	2535	2535	2385	2660	2535	2660	2660	2660	2135	2135	2660	2660
	800	2055	2055	2055	2055	1955	2540	2055	2540	2540	2540	2110	2110	/	/
	850	1595	1595	1595	1595	1490	2435	1595	2435	2435	2435	2090	2090	/	/
	900	1150	1150	1150	1150	1010	2245	1115	1870	2245	2245	2075	2075	/	/
	950	685	685	685	685	685	1591	685	1370	1885	1930	1930	1930	/	/
	1000	430	430	430	430	430	1080	430	995	1270	1820	1820	1820	/	/
	1050	/	/	/	/	/	720	/	720	855	1800	1800	1800	/	/
	1100	/	/	/	/	/	480	/	495	565	1510	1525	1525	/	/
	1150	/	/	/	/	/	325	/	310	375	1115	1185	1185	/	/
	1200	/	/	/	/	/	205	/	170	255	720	925	925	/	/
	1250	/	/	/	/	/	/	/	/	/	/	735	735	/	/
	1300	/	/	/	/	/	/	/	/	/	/	585	585	/	/
	1350	/	/	/	/	/	/	/	/	/	/	480	480	/	/
	1400	/	/	/	/	/	/	/	/	/	/	380	380	/	/
	1450	/	/	/	/	/	/	/	/	/	/	290	290	/	/
	1500	/	/	/	/	/	/	/	/	/	/	205	205	/	/
2500	Temp. F	A105	WCB	LF2	WCC	LCB	WC6	LCC	C5	C12	C12A	316	CF8M	F51	F53
	-20 to 100	6170	6170	6170	6250	5805	6250	6250	6250	3250	6250	6000	6000	6250	6250
	200	5655	5655	5655	6250	5505	6250	6250	6250	6250	6250	5160	5160	6200	6200
	300	5450	5450	5450	6070	5315	6015	6070	6070	6070	6070	4660	4660	5560	5560
	400	5280	5280	5280	5865	5125	5775	5865	5880	5880	5880	4280	4280	5120	5120
	500	5025	5025	5025	5540	4885	5540	5540	5540	5540	5540	3980	3980	4840	4840
	600	4730	4730	4730	5040	4595	5040	5040	5040	5040	5040	3760	3760	4640	4640
	650	4575	4575	4575	4905	4440	4905	4905	4905	4905	4905	3680	3680	4560	4560
	700	4425	4425	4425	4630	4270	4730	4630	4730	4730	4730	3620	3620	4520	4520
	750	4230	4230	4230	4230	3970	4430	4230	4430	4430	4430	3560	3560	4430	4430
	800	3430	3430	3430	3430	3255	4230	3430	4230	4230	4230	3520	3520	/	/
	850	2655	2655	2655	2655	2485	4060	2655	4060	4060	4060	3480	3480	/	/
	900	1915	1915	1915	1855	1685	3745	1855	3115	3745	3745	3460	3460	/	/
	950	1145	1145	1145	1145	1145	3655	1145	2285	3145	3220	3220	3220	/	/
	1000	715	715	715	715	1800	715	1655	2115	3030	3030	3030	3030	/	/
	1050	/	/	/	/	/	1200	/	1200	1430	3000	3000	3000	/	/
	1100	/	/	/	/	/	800	/	830	945	2515	2545	2545	/	/
	1150	/	/	/	/	/	545	/	515	630	1855	1970	1970	/	/
	1200	/	/	/	/	/	345	/	285	770	1200	1545	1545	/	/
	1250	/	/	/	/	/	/	/	/	/	/	1230	1230	/	/
	1300	/	/	/	/	/	/	/	/	/	/	970	970	/	/
	1350	/	/	/	/	/	/	/	/	/	/	800	800	/	/
	1400	/	/	/	/	/	/	/	/	/	/	630	630	/	/
	1450	/	/	/	/	/	/	/	/	/	/	485	485	/	/
	1500	/	/	/	/	/	/	/	/	/	/	345	345	/	/

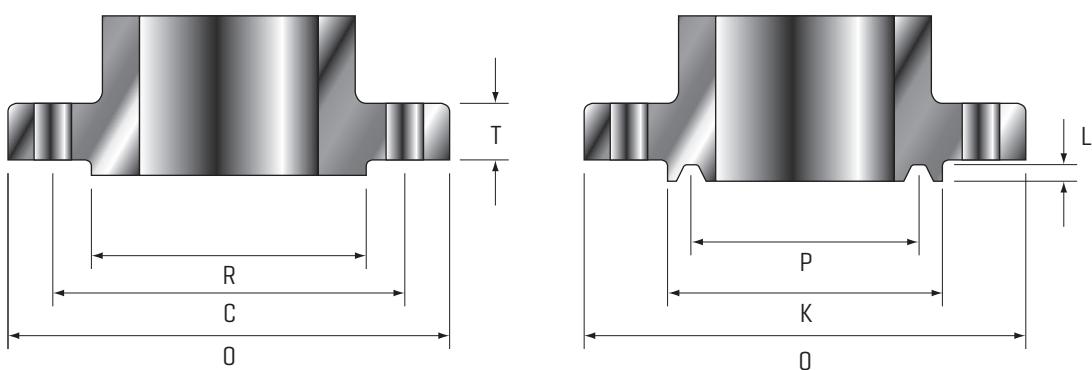
Flange Dimensions - ANSI B16.5 & B16.47



Groove Detail

Class	Size	Flg. Dia.	Flg. Thick.	Raised Face Dia.	Drilling			Face Dia.	Ring Joint				
					Bolt Circle Dia.	# of Bolts	Hole Dia.		Pitch Dia.	Grv. Depth	Grv. Width	Btm. Radius	Ring No.
					O	T	R		K	P	L	F	r
150	2	6.00	0.75	3.62	4.75	4	0.75	4.00	3.250	0.250	0.344	0.03	R22
	2.5	7.00	0.88	4.12	5.50	4	0.75	4.75	4.000	0.250	0.344	0.03	R25
	3	7.50	0.94	5.00	6.00	4	0.75	5.25	4.500	0.250	0.344	0.03	R29
	4	9.00	0.94	6.19	7.50	8	0.75	6.75	5.875	0.250	0.344	0.03	R36
	6	11.00	1.00	8.50	9.50	8	0.88	8.62	7.625	0.250	0.344	0.03	R43
	8	13.50	1.12	10.62	11.75	8	0.88	10.75	9.750	0.250	0.344	0.03	R48
	10	16.00	1.19	12.75	14.25	12	1.00	13.00	12.000	0.250	0.344	0.03	R52
	12	19.00	1.25	15.00	17.00	12	1.00	16.00	15.000	0.250	0.344	0.03	R56
	14	21.00	1.38	16.25	18.75	12	1.12	16.75	15.625	0.250	0.344	0.03	R59
	16	23.50	1.44	18.50	21.25	16	1.12	19.00	17.875	0.250	0.344	0.03	R64
	18	25.00	1.56	21.00	22.75	16	1.25	21.50	20.375	0.250	0.344	0.03	R68
	20	27.50	1.69	23.00	25.00	20	1.25	23.50	22.000	0.250	0.344	0.03	R72
	22	29.50	1.81	25.25	27.25	20	1.38	/	/	/	/	/	/
	24	32.00	1.88	27.25	29.50	20	1.38	28.00	26.500	0.250	0.344	0.03	R76
	26	34.25	2.69	29.50	31.75	24	1.38	/	29.500	0.500	0.781	0.060	R93
	28	36.50	2.81	31.50	34.00	28	1.38	/	31.500	0.500	0.781	0.060	R94
	30	38.75	2.94	33.75	36.00	28	1.38	/	33.750	0.500	0.781	0.060	R95
	32	41.75	3.19	36.00	38.50	28	1.62	/	36.000	0.562	0.906	0.060	R96
	34	43.75	3.25	38.00	40.50	32	1.62	/	38.000	0.562	0.906	0.060	R97
	36	46.00	3.56	40.25	42.75	32	1.62	/	40.250	0.562	0.906	0.060	R98
300	2	6.50	0.88	3.62	5.00	8	0.75	4.25	3.250	0.312	0.469	0.03	R23
	2.5	7.50	1.00	4.12	5.88	8	0.88	5.00	4.000	0.312	0.469	0.03	R26
	3	8.25	1.12	5.00	6.62	8	0.88	5.75	4.875	0.312	0.469	0.03	R31
	4	10.00	1.25	6.19	7.88	8	0.88	6.88	5.875	0.312	0.469	0.03	R37
	6	12.50	1.44	8.50	10.62	12	0.88	9.50	8.312	0.312	0.469	0.03	R45
	8	15.00	1.62	10.62	13.00	12	1.00	11.88	10.625	0.312	0.469	0.03	R49
	10	17.50	1.88	12.75	15.25	16	1.12	14.00	12.750	0.312	0.469	0.03	R53
	12	20.50	2.00	15.00	17.75	16	1.25	16.25	15.000	0.312	0.469	0.03	R57
	14	23.00	2.12	16.25	20.25	20	1.25	18.00	16.500	0.312	0.469	0.03	R61
	16	25.50	2.25	18.50	22.50	20	1.38	20.00	18.500	0.312	0.469	0.03	R65
	18	28.00	2.38	21.00	24.75	24	1.38	22.62	21.000	0.312	0.469	0.03	R69
	20	30.50	2.50	23.00	27.00	24	1.38	25.00	23.000	0.375	0.531	0.06	R73
	22	33.00	2.62	25.25	29.25	24	1.62	27.00	25.000	0.438	0.594	0.06	R81
	24	36.00	2.75	27.25	32.00	24	1.62	29.50	27.250	0.438	0.656	0.06	R77
	26	38.25	3.31	29.50	34.50	28	1.75	31.88	29.500	0.500	0.781	0.06	R93
	28	40.75	3.56	31.50	37.00	28	1.75	33.88	31.500	0.500	0.781	0.06	R94
	30	43.00	3.75	33.75	39.25	28	1.88	36.12	33.750	0.500	0.781	0.06	R95
	32	45.25	3.94	36.00	41.50	28	2.00	38.75	36.000	0.562	0.906	0.06	R96
	34	47.50	4.12	38.00	43.50	28	2.00	40.75	38.000	0.562	0.906	0.06	R97
	36	50.00	4.38	40.25	46.00	32	2.12	43.00	40.250	0.562	0.906	0.06	R98

Flange Dimensions - ANSI B16.5 & B16.47



Class	Size	Flg. Dia.	Flg. Thick.	Raised Face Dia.	Drilling			Face Dia.	Ring Joint				
					Bolt Circle Dia.	# of Bolts	Hole Dia.		Pitch Dia.	Grv. Depth	Grv. Width	Btm. Radius	Ring No.
					O	T	R		K	P	L	F	r
600	2	6.50	1.00	3.62	5.00	8	0.75	4.25	3.250	0.312	0.469	0.03	R23
	2.5	7.50	1.12	4.12	5.88	8	0.88	5.00	4.000	0.312	0.469	0.03	R26
	3	8.25	1.25	5.00	6.62	8	0.88	5.75	4.875	0.312	0.469	0.03	R31
	4	10.75	1.50	6.19	8.50	8	1.00	6.88	5.875	0.312	0.469	0.03	R37
	6	14.00	1.88	8.50	11.50	12	1.12	9.50	8.312	0.312	0.469	0.03	R45
	8	16.50	2.19	10.62	13.75	12	1.25	11.88	10.625	0.312	0.469	0.03	R49
	10	20.00	2.50	12.75	17.00	16	1.38	14.00	12.750	0.312	0.469	0.03	R53
	12	22.00	2.62	15.00	19.25	20	1.38	16.25	15.000	0.312	0.469	0.03	R57
	14	23.75	2.75	16.25	20.75	20	1.5	18.00	16.500	0.312	0.469	0.03	R61
	16	27.00	3.00	18.50	23.75	20	1.62	20.00	18.500	0.312	0.469	0.03	R65
	18	29.25	3.25	21.00	25.75	20	1.75	22.62	21.000	0.312	0.469	0.03	R69
	20	32.00	3.50	23.00	28.50	24	1.75	25.00	23.000	0.375	0.531	0.06	R73
	22	34.25	3.75	25.25	30.62	24	1.88	27.00	25.000	0.438	0.594	0.06	R81
	24	37.00	4.00	27.25	33.00	24	2.00	29.50	27.250	0.438	0.659	0.06	R77
900	2	8.5	1.5	3.62	6.5	8	1	4.88	3.75	0.312	0.469	0.03	R24
	2.5	9.62	1.62	4.12	7.50	8	1.12	5.39	4.250	0.312	0.469	0.03	R27
	3	9.50	1.50	5.00	7.50	8	1.00	6.12	4.875	0.312	0.469	0.03	R31
	4	11.50	1.75	6.19	9.25	8	1.25	7.12	5.875	0.312	0.469	0.03	R37
	6	15.50	2.19	8.50	12.50	12	1.25	9.50	8.312	0.312	0.469	0.03	R45
	8	18.50	2.50	10.62	15.50	12	1.50	12.12	10.625	0.312	0.469	0.03	R49
	10	21.50	2.75	12.75	18.50	16	1.50	14.25	12.750	0.312	0.469	0.03	R53
	12	24.00	3.12	15.00	21.00	20	1.50	16.50	15.000	0.312	0.469	0.03	R57
	14	25.25	3.38	16.25	22.00	20	1.62	18.38	16.500	0.438	0.656	0.06	R62
	16	27.75	3.50	18.50	24.25	20	1.75	20.62	18.500	0.438	0.656	0.06	R66
	18	31.00	4.00	21.00	27.00	20	2.00	23.38	21.00	0.500	0.781	0.06	R70
	20	33.75	4.25	23.00	29.50	20	2.12	25.50	23.000	0.500	0.781	0.06	R74
	24	41.00	5.50	27.25	35.50	20	2.62	30.38	27.250	0.625	1.062	0.09	R78
1500	2	8.50	1.50	3.62	6.50	8	1.00	4.88	3.750	0.312	0.469	0.03	R24
	2.5	9.62	1.62	4.12	7.50	8	1.12	5.38	4.250	0.312	0.469	0.03	R27
	3	10.50	1.88	5.00	8.00	8	1.25	6.62	5.375	0.312	0.469	0.03	R35
	4	12.25	2.12	6.19	9.50	8	1.38	7.62	6.375	0.312	0.469	0.03	R39
	6	15.50	3.25	8.50	12.50	12	1.50	9.75	8.312	0.375	0.531	0.06	R46
	8	19.00	3.62	10.62	15.50	12	1.75	12.50	10.625	0.438	0.656	0.06	R50
	10	23.00	4.25	12.75	19.00	12	2.00	14.62	12.750	0.438	0.656	0.06	R54
	12	26.00	4.88	15.00	22.50	16	2.12	17.25	15.000	0.562	0.906	0.06	R58
	14	29.50	5.25	16.25	25.00	16	2.38	19.25	16.500	0.625	1.062	0.09	R63
	16	32.50	5.75	18.50	27.75	16	2.62	21.50	18.500	0.688	1.188	0.09	R67
	18	36.00	6.38	21.00	30.50	16	2.88	24.12	21.000	0.688	1.188	0.09	R71
	20	38.75	7.00	23.00	32.75	16	3.12	26.50	23.000	0.688	1.312	0.09	R75
	24	46.00	8.00	27.25	39.00	16	3.62	31.25	27.250	0.812	1.438	0.09	R79
2500	2	9.25	2.00	3.62	6.75	8	1.00	4.48	4.000	0.312	0.469	0.030	R26
	2.5	10.50	2.25	4.12	7.75	8	1.13	5.86	4.375	0.375	0.531	0.060	R28
	3	12.00	2.62	5.00	9.00	8	1.25	6.61	5.000	0.375	0.531	0.060	R32
	4	14.00	3.00	6.19	10.75	8	1.50	7.99	6.188	0.438	0.656	0.060	R38
	5	16.50	3.62	7.31	12.75	8	1.75	9.48	7.500	0.500	0.781	0.060	R40
	6	19.00	4.25	8.50	14.50	8	2.00	10.98	9.000	0.500	0.781	0.060	R47
	8	21.75	5.00	10.62	17.25	12	2.00	13.38	11.000	0.562	0.906	0.060	R51
	10	26.50	6.50	12.75	21.75	12	2.50	16.73	13.500	0.688	1.188	0.090	R55
	12	30.00	7.25	15.00	24.38	12	2.75	19.48	16.000	0.688	1.312	0.090	R60

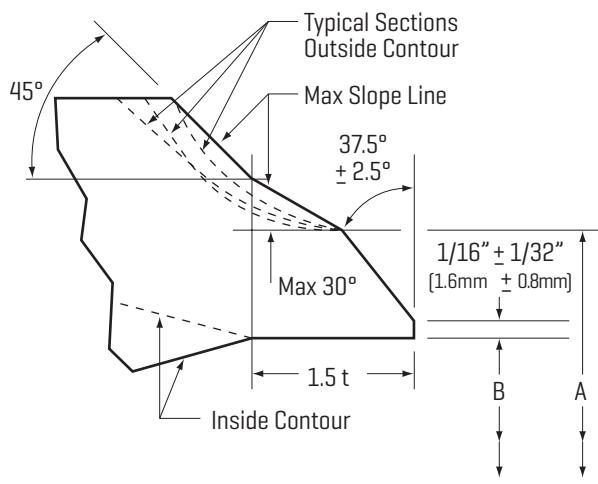
Butt-welding Dimensions - ANSI B16.25

Nominal Pipe Size	Schedule Number or Wall	Outside Diameter [Cast Steel Valves]		Nominal Inside Diameter		Machined Inside Diameter		Nominal Wall Thickness	
		Inches	mm	Inches	mm	Inches	mm	Inches	mm
3	xxs	3-19/32	91.282	2.300	58.42	2.409	61.19	0.600	15.24
4	xxs	4-5/8	117.48	3.152	80.06	3.279	83.29	0.674	17.12
5	160	5-11/16	144.46	4.313	109.55	4.428	112.47	0.625	15.88
	xxs			4.063	103.20	4.209	106.91	0.750	19.05
6	120	6-25/32	172.34	5.501	139.72	5.600	142.24	0.562	14.27
	160			5.189	131.80	5.327	135.31	0.719	18.26
	xxs			4.897	124.38	5.072	128.83	0.864	21.95
8	100	8-23/32	223.04	7.439	188.93	7.546	191.67	0.594	15.09
	120			7.189	182.60	7.327	186.11	0.719	18.26
	140			7.001	177.83	7.163	181.94	0.812	20.62
	xxs			6.875	174.63	7.053	179.15	0.875	22.23
	160			6.813	173.05	6.998	177.75	0.960	23.01
10	50	10-15/16	277.81	9.564	242.93	9.671	245.64	0.594	15.09
	100			9.314	236.58	9.452	240.08	0.719	18.26
	120			9.064	230.23	9.234	234.54	0.844	21.44
	140			8.750	222.25	8.959	227.56	1.000	25.40
	160			8.500	215.90	8.740	222.00	1.125	28.58
12	60	12-31/32	329.41	11.626	295.30	11.725	297.82	0.562	14.27
	80			11.376	288.95	11.507	292.28	0.688	17.48
	100			11.064	281.03	11.234	284.34	0.844	21.44
	120			10.750	273.05	10.959	278.36	1.000	25.40
	140			10.500	266.70	10.740	272.80	1.125	28.58
	160			10.126	257.20	10.413	264.49	1.312	33.32
14	60	14-1/4	361.95	12.814	352.48	12.921	328.19	0.594	15.09
	80			12.500	317.50	12.646	321.21	0.750	19.05
	100			12.126	308.00	12.319	312.90	0.938	23.83
	120			11.814	300.08	12.046	305.97	1.094	27.79
	140			11.500	292.10	11.771	298.98	1.250	31.75
	160			11.188	284.18	11.498	292.05	1.406	35.71
16	60	16-1/4	412.75	14.688	373.08	14.811	376.20	0.656	16.66
	80			14.314	363.58	14.484	367.89	0.844	21.44
	100			13.938	354.03	14.155	359.54	1.031	26.19
	120			13.564	344.53	13.827	351.21	1.219	30.96
	140			13.124	333.35	13.442	341.43	1.438	36.53
	160			12.814	325.48	13.171	334.54	1.594	40.49
18	40	18-9/32	464.34	16.876	428.65	16.975	431.17	0.562	14.27
	60			16.500	419.10	16.646	422.81	0.750	19.05
	80			16.126	409.60	16.319	414.50	0.938	23.83
	100			15.688	398.48	15.936	404.50	1.156	29.36
	120			15.250	387.35	15.553	395.05	1.375	34.93
	140			14.876	377.85	15.225	386.72	1.562	39.67
	160			14.438	366.73	14.842	376.99	1.781	45.24
20	40	20-5/16	515.94	18.814	477.88	18.921	480.59	0.594	15.09
	60			18.376	466.75	18.538	470.87	0.812	20.62
	80			17.938	455.63	18.155	461.14	1.031	26.19
	100			17.438	442.93	17.717	450.01	1.281	32.54
	120			17.000	431.80	17.334	440.28	1.500	38.10
	140			16.500	419.10	16.896	429.16	1.750	44.45
	160			16.064	408.03	16.515	419.48	1.969	50.01
24	30	24-3/8	619.13	22.876	581.05	22.975	583.57	0.562	14.27
	40			22.626	574.70	22.757	578.03	0.688	17.48
	60			22.064	560.43	22.265	565.53	0.969	24.61
	80			21.564	547.73	21.827	554.41	1.219	30.96
	100			20.938	531.83	21.280	540.51	1.531	38.89
	120			20.376	517.55	20.788	528.02	1.812	46.02
	140			19.876	504.85	20.350	516.89	2.062	52.37
	160			19.314	490.58	19.859	504.42	2.344	59.54

Butt-welding Dimensions - ANSI B16.25

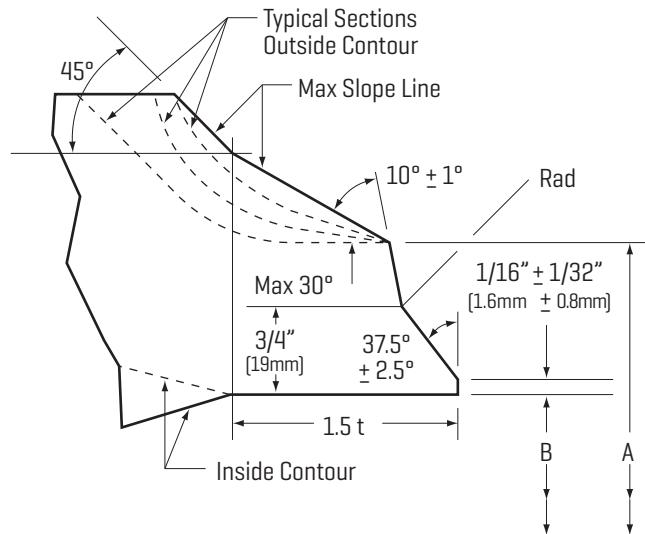
Plain Bevel Butt-welding End for Pipe Wall Thickness is 7/8" [22.23mm] or less.

Welding end details for cast components for use without backing ring or with split backing ring.



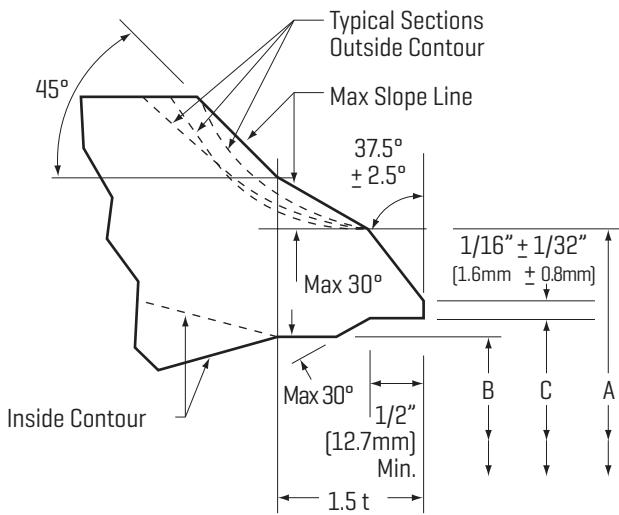
Compound Bevel Butt-welding End for Pipe Wall Thickness Greater than 7/8" [22.23mm].

Welding end details for cast components for use without backing ring or with split backing ring.



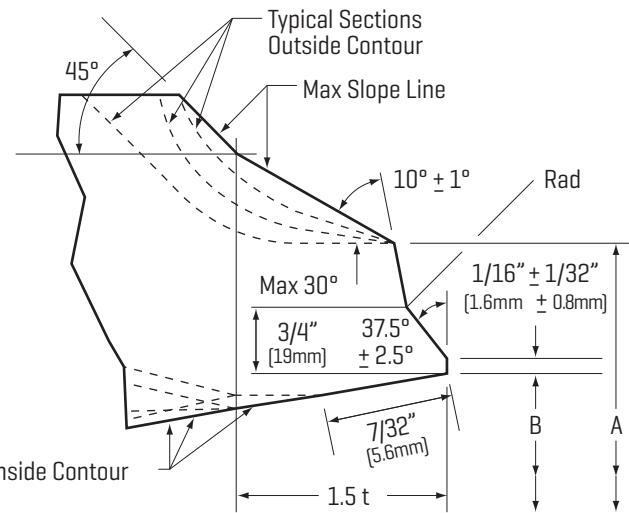
Plain Bevel Butt-welding End for Pipe Wall Thickness is 7/8" [22.23mm] or less.

Welding end details for cast components for use with continuous rectangular or tapered backing ring.



Compound Bevel Butt-welding End for Pipe Wall Thickness Greater than 7/8" [22.23mm].

Welding end details for cast components for use with continuous rectangular or tapered backing ring.



The SCV valve brand was established in 1972 as a maintenance and modification company with the ability to provide full in-line valve service and repair. In the mid-1970's, after experiencing many shortcomings of other valve products in the industry, the first SCV valve was manufactured. Since that time, the SCV brand has been expanded its manufactured products to cover a broad range of valves. Industries served include the power, paper and pulp, oil and gas, and petro-chemical sectors.

SCV Valve takes sincere pride in our ability to manufacture both commodity and specialty valves that meet and exceed the needs of our customers. All sizes, pressure classes, and metallurgical compositions are managed in house utilizing the strictest quality control measures to ensure the customer's total satisfaction.

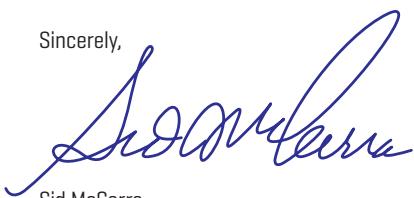
SCV Valve products include thru conduit gates, trunnion mounted balls, floating balls, wedge gates, globes, full port swing checks, piston checks, dual plate checks and lubricated plugs. Valves utilized throughout the industry must meet rigorous quality and production standards.

SCV Valve has earned its API 6A, API 6D, ISO: 9001, CE-PED, and CRN certifications while operating under the API Q1 Quality Management System.

With years of dedication and commitment to quality, design, and service, SCV Valve has grown to be one of the premier valve manufacturers in the industry with the largest inventory of high pressure ball, gate, and check valves. We pride ourselves on our high quality products, timely delivery capabilities, and competitive prices.

On behalf of all of the members at SCV Valve, we thank you for the opportunity to earn your business.

Sincerely,



Sid McCarra
President
SCV Valve, LLC

Since 1972, the SCV brand has been committed to providing quality flow control products to the Power, Paper & Pulp, Oil & Gas, and Petro Chemical industries.

As one of the largest valve manufacturers, SCV Valve's reputation is unparalleled for producing high quality commodity and specialty valves. Products range in sizes 1/2" - 48", in pressure classes from 150# - 2500# and are backed by timely deliveries and competitive prices.

Call SCV today at [281]482-4728 for all your valve needs or visit us on the web @ www.scvalve.com.



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