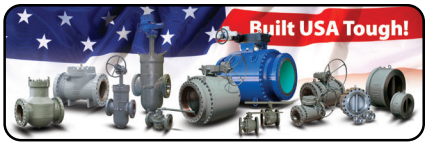
SCV VALVE
Innovative Valve Solutions®



(281) 482-4728 • www.scvvalve.com









Compact Slab & Expanding Gate Valves - API 6D

Class: 150
Sizes: 12" - 36"



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SCV VALVE
Innovative Valve Solutions®

API 6D 150# COMPACT EXPANDING GATES

The full opening, non-thru conduit expanding gate design creates reliable mechanical sealing, less wear which extends valve life. The compact design allows for installation in confined locations.

FEATURES:

- EXPANDING MECHANICAL SEALING
- DOUBLE BLOCK & BLEED
- INLINE SERVICEABLE
- LOW FE RATED STEM PACKING
- BUBBLE TIGHT SEALING PERFORMANCE
- ISO 5211 MOUNTING PLATE FOR EASY AUTOMATION
- MAINTENANCE PORT FOR GATE GUIDES
- EMERGENCY SEALANT INJECTION FOR SEATS

APPLICATIONS:

- TANK FARMS
- STATION VALVES
- METER BY-PASS

Available in sizes 16" thru 36"

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SCV VALVE









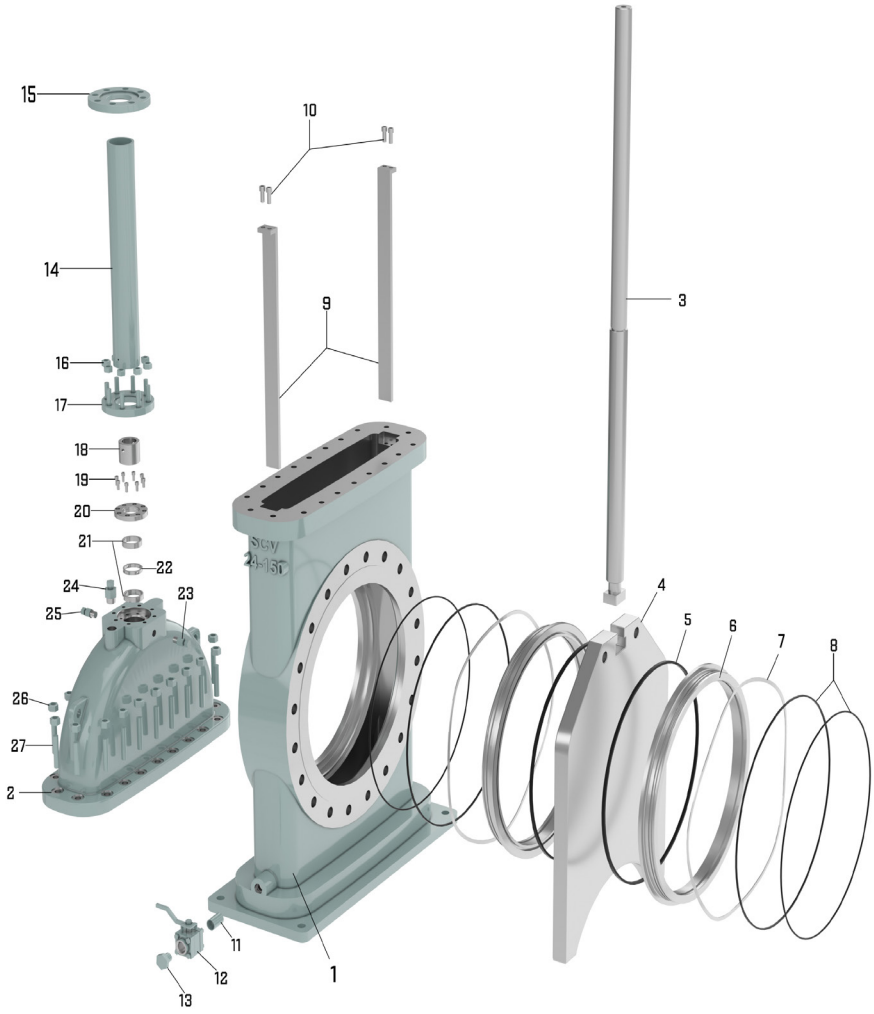
Compact Slab & Expanding Gate Valves
Sizes: 12" - 36" /Class: 150

Design and Manufacturing Standards	
Basic Design	API 6D
Wall Thickness	API 6D
Face-to-Face Dimension	API 6D*
Flange End Dimension	ANSI/ASME B16.5
Butt-Weld End Dimension	ANSI/ASME B16.25
Inspection & Testing	API 6D
Fire Safe Design	API 6FA/BS 6755



Compact Slab Gate - API 6D

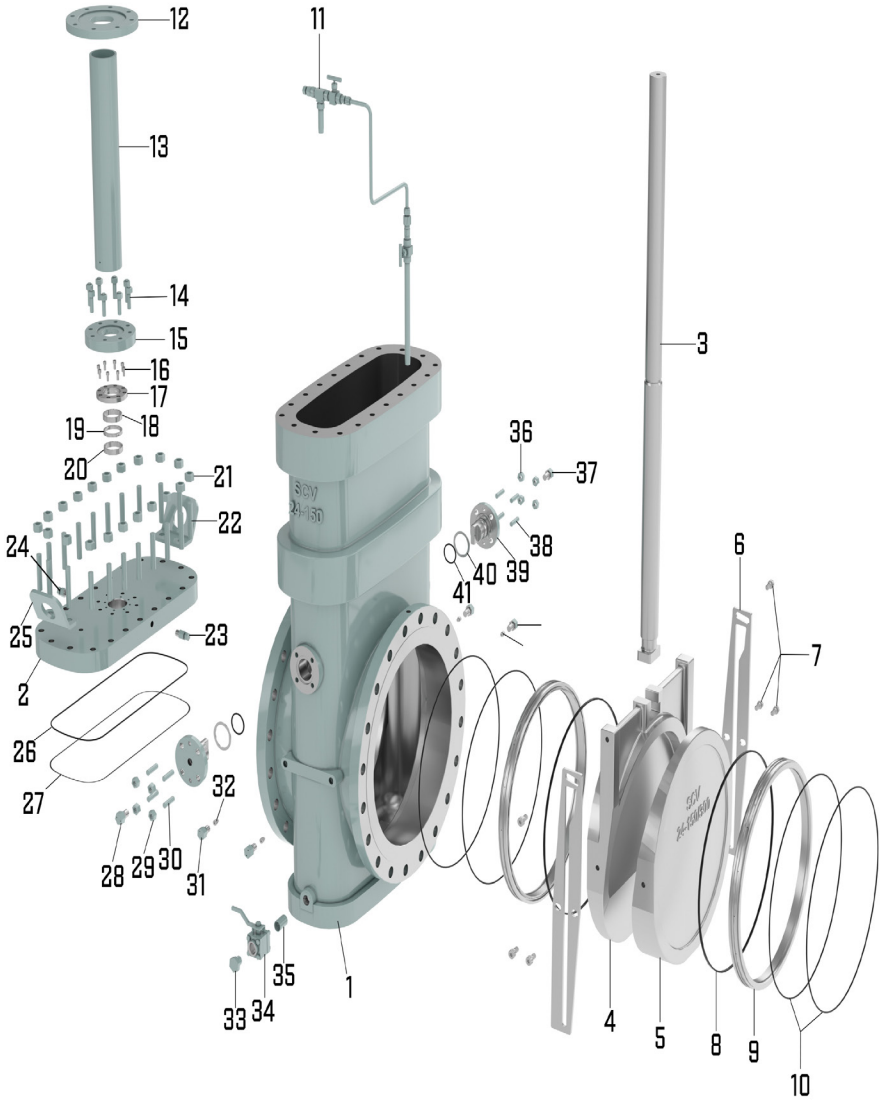
[Expanded View]



No	Part	Material
1	Body	A216 WCC
2	Bonnet	A105
3	Stem	17-4
4	Gate	A216 WCC + ENP
5	Seat Insert	Nylon
6	Seat	A182 F6A CL. 2
7	Wave Spring	INCONEL
8	Seat Seal	Viton
9	Guides	4140
10	Guide Bolts	316SS
11	TBE Nipple	316SS
12	Ball Valve	CS
13	NPT Plug	316SS
14	Yoke Tube	A106 Gr. 6
15	Yoke Top Plate	A105
16	Hex Nut	A194 2HM
17	Lower Yoke Plate	A105
18	Gate Stop	17-4PH
19	Gland Bolts	316SS
20	Packing Gland	316SS
21	Packing	Viton/Duck
22	Lantern Ring	PEEK
23	Packing Injector	316SS
24	Body Vent	316SS
25	Packing Vent	316SS
26	Hex Nut	316SS
27	Stud	316SS
28	Packing Injector	316SS

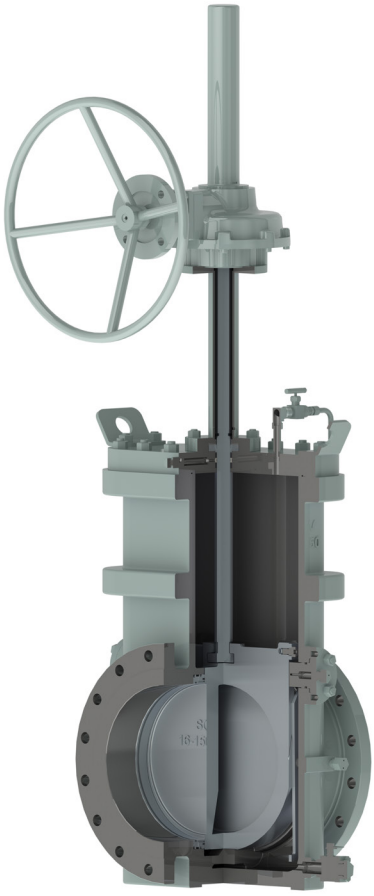
Compact Expanding Gate - API 6D

[Expanded View]



No	Part	Material
1	Body	A216 WCC
2	Bonnet	A105
3	Stem	17-4
4	Gate	A216 WCC + ENP
5	Segment	A182 F6A CL.2
6	Guide Plate	4140
7	Shoulder SCHS	A193 B7M
8	Seat Insert	Nylon
9	Seat	A182 F6A CL.2
10	O Ring	Viton AED
11	Thermal Bypass	316SS
12	Yoke Top Plate	A105
13	Yoke Tube	A106 Gr. 6
14	Stud & Nut	A193 B7M/ A194 2HM
15	Yoke Base Plate	A105
16	SHCS	A193 B7M
17	Gland	A216 WCC
18	Packing	Viton/Duck
19	Lantern Ring	PEEK
20	Packing	Viton/Duck
21	Nut	A194 2HM
22	Stud	A193 B7M
23	Packing Injection Fitting	316SS
24	Bleed Valve	316SS
25	Lift Lug	CS
26	O Ring	VitonAED
27	Graphite Tape	Graphite
28	Grease Fitting	316SS
29	Nut	A194 2HM
30	Stud	A193 B7M
31	Grease Fitting	316SS
32	Inline Check	316SS
33	Plug	316SS
34	Drain Valve	316SS
35	Nipple	A106
36	Nut	A194 2HM
37	Grease Fitting	316SS
38	Stud	A193 B7M
39	Guide Pin	44140
40	Graphite Gasket	SS/Graphite
41	O Ring	Viton AED

Compact Slab Gate
Size: 12" - 48" Class: 150



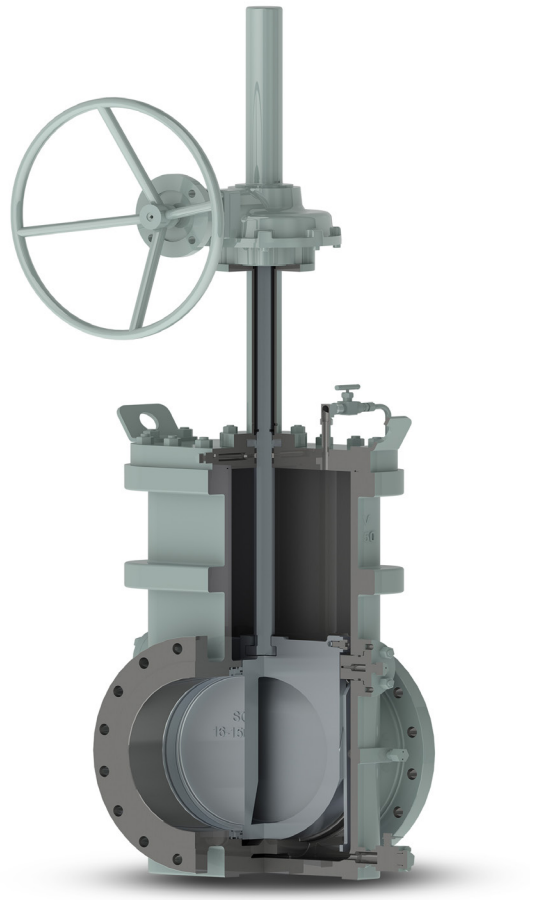


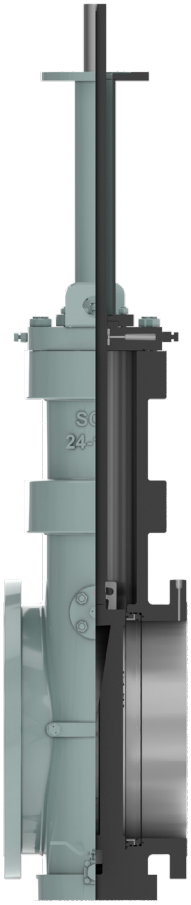
CLASS 150	SIZE		Bore F	END-TO-END A - RF	H1	H2	WEIGHTS LBS/KG FLANGED
	IN	12	12.0	5.25	13.0	39.90	718
	MM	305	305	134	330	1014	326
	IN	24	23.25	7.75	23.25	70.96	2733
	MM	610	154	197	591	1803	1240
	IN	36	34.5	8.75	32	100.35	6664
	MM	915	876	222	813	2549	3022

*Manufacturers standard end-to-end

For RTJ dimensions contact SCV Valve for details

Compact Expanding Gate
Size: 12" - 48" Class: 150





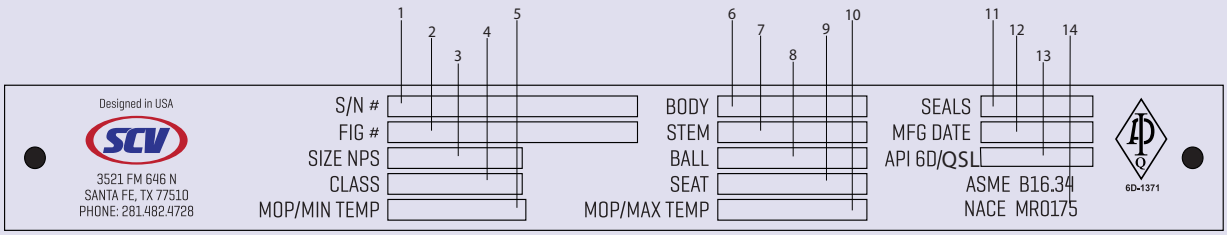
CLASS 150	SIZE		Bore	END-TO-END	H1	H2	WEIGHTS LBS/KG
			F	A - RF			FLANGED
	IN	12	12.0	5.25	13.0	39.90	718
	MM	305	305	134	330	1014	326
	IN	24	23.25	20.00	18.25	70.13	4010
	MM	610	154	197	591	1803	1240
	IN	36	34.5	32.00	27.00	98.92	10703
	MM	915	876	222	813	2549	3022

*Manufactures standard end-to-end

For RTJ dimensions contact SCV Valve for details

Valve ID Tag & Valve Markings Identification

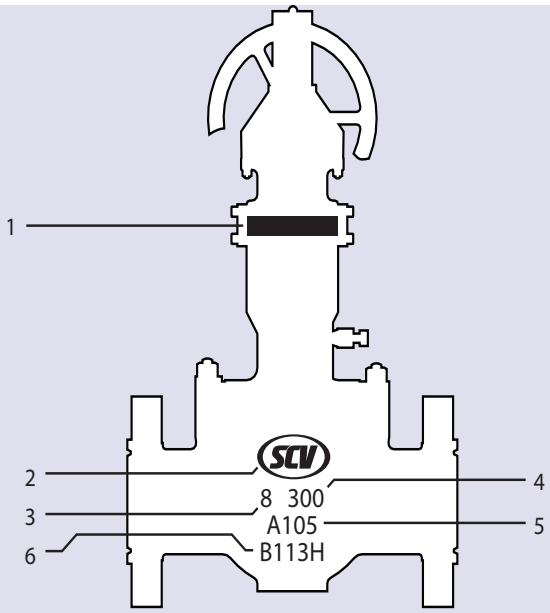
Valve ID Tag



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, 17-4 pH, 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 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



Note: SCV reserves the right to modify our products for improvement without prior notice.

SCV Figure Number Chart

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

1. Valve Type		2. Bore Size		3. Class		4. TRIM BREAKDOWN			
CODE	DESCRIPTION	CODE	SIZE	CODE	CLASS	TYPE	CODE	BODY MATERIAL	TRIM MATERIAL
BAL	TRUNNION BALL VALVE	75	3/4	01	150	BAL	LE	LF2 BODY	LF2 + ENP TRIM
FBV	FLOATING BALL VALVE	01	1	03	300	BAL	L3	LF2 BODY	316 TRIM
FCK	FULL PORT SWING CHECK	15	1-1/2	06	600	BAL	L4	LF2 BODY	410 TRIM
GAT	WEDGE GATE VALVE	02	2	09	900	BAL	L7	LF2 BODY	17-4 TRIM
GLB	GLOBE VALVE	21	2-1/16	15	1500	BAL	LD	LF2 BODY	DUPLEX TRIM
PCK	PISTON CHECK VALVE	25	2-1/2	25	2500	BAL	S3	F316 BODY	316 TRIM
PLG	LUBRICATED PLUG	27	2-9/16	20	2000	BAL	SD	F316 BODY	DUPLEX TRIM
EPG	EXPANDING GATE VALVE	03	3	30	3000	BAL	DD	DUPLEX BODY	DUPLEX TRIM
TCG	SLAB GATE VALVE	31	3-1/8	50	5000	PCK	CHS	WCC BODY	CS+Ni + ST. TRIM TRIM
CEG	COMPACT EXP. GATE	37	3-9/16	10	10000	PCK	C3S	WCC BODY	316 + ST. TRIM
RSB	RISING STEM BALL VALVE	04	4			PCK	LHS	LCC BODY	LCS+Ni + ST. TRIM TRIM
		41	4-1/16			PCK	L3S	LCC BODY	316 + ST. TRIM
		05	5			PCK	S3S	316 BODY	316 + ST. TRIM
		51	5-1/8			PCK	SDS	316 BODY	DUPLEX + ST. TRIM
		06	6			FCK	CH4	WCC BODY	CS+CR13(410)
		71	7-1/16			FCK	C3S	WCC BODY	316 + ST. TRIM
		08	8			FCK	LH4	LCC BODY	LCS+CR13(410)
		09	9			FCK	L3S	LCC BODY	316 + ST. TRIM
		10	10			FCK	S3S	316 BODY	316 + ST. TRIM
		23	10-3/8			GAT	CHS	WCB BODY	CS + ST. TRIM
		11	11			GAT	C3S	WCB BODY	316 + ST. TRIM
		12	12			GAT	L3S	LCB BODY	316 + ST. TRIM
		19	12-3/8			GAT	LHS	LCB BODY	LCS + ST. TRIM
		13	13-5/8			GAT	S3S	316 BODY	316 + ST. TRIM
		14	14			FBV	C3	CS BODY	316 TRIM
		16	16			FBV	L3	LCS BODY	316 TRIM
		17	16-3/7			FBV	S3	316 BODY	316 TRIM
		18	18			PLG	C4N	WCC BODY	410+Ni trim
		20	20			PLG	L4N	LCC BODY	410+Ni trim
		22	22			PLG	S3N	316 BODY	316+Ni trim
		24	24			GLB	CHS	CS BODY	CS + ST. TRIM
		26	26			GLB	C4S	CS BODY	410 + ST. TRIM
		28	28			GLB	C3S	CS BODY	316 + ST. TRIM
		30	30			GLB	LHS	LCS BODY	LCS + ST. TRIM
		32	32			GLB	L4S	LCS BODY	410 + ST. TRIM
		36	36			GLB	L3S	LCS BODY	316 + ST. TRIM
		40	40			GLB	S3S	316 BODY	316 + ST. TRIM
		42	42			TCG/EPG	CE	WCC BODY	CS+ENP TRIM
		38	38			TCG/EPG	C4	WCC BODY	410 TRIM
		52	52			TCG/EPG	C3	WCC BODY	316 TRIM
		56	56			TCG/EPG	C7	WCC BODY	17-4 TRIM
		60	60			TCG/EPG	CD	WCC BODY	DUPLEX TRIM
						TCG/EPG	LE	LCC BODY	LF2/LCC+ENP TRIM
						TCG/EPG	L4	LCC BODY	410 TRIM
						TCG/EPG	L3	LCC BODY	316 TRIM
						TCG/EPG	L7	LCC BODY	17-4 TRIM
						TCG/EPG	LD	LCC BODY	DUPLEX TRIM
						TCG/EPG	S3	CF8M BODY	316 TRIM
						TCG/EPG	SD	CF8M BODY	DUPLEX TRIM
						TCG/EPG	DD	DUPLEX BODY	DUPLEX TRIM
						Geothermal	C3S	WCC BODY	316 + ST. TRIM
						Geothermal	S3S	CF8M BODY	316 + ST. TRIM
						Geothermal	C3O	WCC BODY	316 + Mulitple Overlay Trim
						Geothermal	S3O	CF8M BODY	316 + Mulitple Overlay Trim

5. PORT TYPE		6. OPERATOR		7. O-RING MATERIAL		8. SEAT INSERT MAT.		9. FLANGE CONFIGURATION				10. WELD END SCHEDULE	
CODE	DESCRIPTION	CODE	DESCRIPTION	CODE	DESCRIPTION	CODE	DESCRIPTION	SPE	DESCRIPTION	DPE	SPExDPE	THERMAL	CODE	DESCRIPTION
F	FULL PORT	B	BARE STEM	A	AFLAS	N	NYLON	1	RF	A	R	J	A	SCH. 40
R	REDUCED PORT	A	ACTUATOR	E	EPDM	P	PEEK	2	RTJ	B	S	K	B	SCH. 80
S	SHORT	L	LEVER	H	HNBR	D	DEVLON	3	BWxBW	C	T	L	C	SCH. 160
SV	SHORT/VENTURI	G	GEAR	I	HNBR 95 Duro	R	RTFE	4	RFxBW	D	U	M	D	SCH. XX(XXH)
R	REGULAR	H	HANDWHEEL	K	FFKM			5	BWxRF	E	V	N	S	SCH. STD
RV	REGULAR/VENTURI	L	LOCK OPEN LEVER	S	St.6 Overlay			6	RTJxBW	#	W	O	X	SCH. XS
V	VENTURI	G	LOCK OPEN GEAR	T	St.21 Overlay			7	RTJxRF	G	X	P	8	SCH. 80S
		D	DAMPENER	V	VITON A			8	BWxRTJ	H	Y	Q	9	SCH. 40S
				W	VITON B			9	RFxRTJ	I	Z	0	0	SCH. 10
				X	VITON F			F	FFxFF	^ Trunnions only			1	SCH. 100
				Y	VITON GFLT								2	SCH. 20
				Z	VITON GLT								3	SCH. 120
													4	SCH. 30
													5	SCH. 140
													6	SCH. 60
													7	SCH. 10S

SAMPLE PART NUMBERS

			1	2	3	4	5	6	7	8	9	10
		DESCRIPTION	TYPE	BORE	CLASS	TRIM	PORT	OP.	O-RING	SEAT	FLANGE	SCH* *if applicable*
TRUNNION BALL VALVE	Soft Seated	BAL0206L4FLZD1	BAL	0	2	0 6	L 4	F	L	Z	D	1	
	Metal Seated	BAL0206L4TFLZ1	BAL	0	2	0 6	L 4 T	F	L	Z	N/A	1	
									*optional				
SLAB GATE VALVE	Soft Seated	TCG0206CEHVN1	TCG	0	2	0 6	C E	N/A	H	V	N	1	
	Metal Seated	TCG0206CHSHV1	TCG	0	2	0 6	C H S	N/A	H	V	N/A	1	
EXPANDING GATE VALVE	Soft Seated	EPG0206CEHVN1	EPG	0	2	0 6	C E	N/A	H	V	N	1	
	Metal Seated	EPG0206CHSHV1	EPG	0	2	0 6	C H S	N/A	H	V	N/A	1	
FULL PORT SWING CHECK VALVE		FCK0206CH4V1	FCK	0	2	0 6	C H 4	N/A	L	V	N/A	1	
									*optional				
PISTON CHECK VALVE		PCK0206CHSV1	PCK	0	2	0 6	C H S	N/A		V	N/A	1	
LUBRICATED PLUG VALVE		PLG0206C4NRVLV1	PLG	0	2	0 6	C 4 N	RV	L	V	N/A	1	
WEDGE GATE VALVE		GAT0206CHSH1	GAT	0	2	0 6	C H S	N/A	H	N/A		1	
GLOBE VALVE		GAT0206CHSH1	GAT	0	2	0 6	C H S	N/A	H	N/A		1	
FLOATING BALL VALVE		FBV0206C3FLZP1	FBV	0	2	0 6	C 3	F	L	Z	P	1	
										*optional			

Note: Subject to change without notice.
CUSTOM ENGINEERED VALVES MAY HAVE PART NUMBERS NOT REFLECTED HERE.

Control #: MSF 3.5-16 rev 21

Certifications & Registrations

American Petroleum Institute (API)

API 6A Certification



Certificate of Authority to use the Official API Monogram

License Number: 6A-1190 ORIGINAL

The American Petroleum Institute hereby grants to

SCV VALVE
3521 FM 646 Road North
Santa Fe, TX
United States

the right to use the Official API Monogram® on manufactured products under the conditions in the official publications of the American Petroleum Institute entitled API Spec Q1® and API-6A and in accordance with the provisions of the License Agreement.

In all cases where the Official API Monogram is applied, the API Monogram shall be used in conjunction with this certificate number: 6A-1190

The American Petroleum Institute reserves the right to revoke this authorization to use the Official API Monogram for any reason satisfactory to the Board of Directors of the American Petroleum Institute.

The scope of this license includes the following: Gate, Ball, Plug Valves at PSL 1, PSL 2

QMS Exclusions: No Exclusions Identified as Applicable

Effective Date: DECEMBER 6, 2025
Expiration Date: DECEMBER 6, 2028

To verify the authenticity of this license, go to www.api.org/compositelist.

Senior Vice President of Global Industry Services

American Petroleum Institute

2018-151 | Rev1

Note: Extension letter available on our website.

API 6D Certification



Certificate of Authority to use the Official API Monogram

License Number: 6D-1099 ORIGINAL

The American Petroleum Institute hereby grants to

SCV VALVE
3521 FM 646 Road North
Santa Fe, TX
United States

the right to use the Official API Monogram® on manufactured products under the conditions in the official publications of the American Petroleum Institute entitled API Spec Q1® and API-6D and in accordance with the provisions of the License Agreement.

In all cases where the Official API Monogram is applied, the API Monogram shall be used in conjunction with this certificate number: 6D-1099

The American Petroleum Institute reserves the right to revoke this authorization to use the Official API Monogram for any reason satisfactory to the Board of Directors of the American Petroleum Institute.

The scope of this license includes the following: Check Valves, Ball Valves, Plug Valves, Gate Valves

QMS Exclusions: No Exclusions Identified as Applicable

Effective Date: DECEMBER 6, 2025
Expiration Date: DECEMBER 6, 2028

To verify the authenticity of this license, go to www.api.org/compositelist.

Senior Vice President of Global Industry Services

American Petroleum Institute

2018-151 | Rev1

Note: Extension letter available on our website.

ISO 9001:2015 Certificate



ABS Quality Evaluations
An ABS Group Company

ABS Quality Evaluations Certification

Certificate Of Conformance

This is to certify that the Quality Management System of:

SCV Valve, LLC
3521 FM 646 Road North
Santa Fe TX
77510
United States

has been assessed by ABS Quality Evaluations, Inc. and found to be in conformance with the requirements set forth by:

ISO 9001:2015

The Quality Management System is applicable to:

Engineering, Manufacturing, Sales, and Service of High Performance Valve Products. Product Range includes all Severe Service & High Pressure Applications

Certificate No:	44703
Certification Date:	16 JUN 2010
Effective Date:	01 MAY 2025
Expiration Date	15 JUN 2028
Revision Date:	01 MAY 2025

Dominic Townsend, President

ANAB IAF

This certificate's validity is subject to the organization maintaining their system in accordance with ABS Quality Evaluations, Inc. 1701 City Plaza Dr Spring, TX 77389 USA requirements for management system certification. It is contingent upon prompt, written notification to ABS Quality Evaluations, Inc. of significant changes to the management system or components thereof. Validity may be confirmed by accessing the website (www.abs-qe.com) or scanning the code to the right with a smart phone. Certificates issued to companies in the People's Republic of China information may also be verified on the Certification and Accreditation Administration of the People's Republic of China's website (www.cnca.gov.cn).
The certificate remains the property of ABS Quality Evaluations, Inc. to whom it must be returned upon request.

Copyright as of the Effective Date, ABS Quality Evaluations, Inc. All rights reserved. Rev1

Page 1 of 1

CE PED Certificate



HPiVS

Certificate of Quality System Approval

This is to certify that the product listed below conforms to the requirements of the
Pressure Equipment Directive 2014/68/EU
Annex III Module H

Certificate Number	HPiVS-IP1012-055-Q-01-00
Date of Issue	24-Oct-2024
Date of Expiry	24-Oct-2027
Manufacturer	SCV Valve, LCC 3521 FM 646 Rd. North Santa Fe, Texas 77510
Description of Pressure Equipment	Ball Valves, Check Valves, Gate Valves and Plug Valves Class 150 - 2500. Group 1 fluids
Equipment Identification	CE Nameplate on each cat.I, II, III valve
Type of material	see certificate schedule
Other Certification	ISO 9001:2015 certificate no. 44703 issued by ABS Quality Evaluation
Standards Applied	see certificate schedule
Report Reference	HPiVS-IP1012-055-1

This Certificate is valid in any European Economic Area Member State.
This Report has been issued by HPi Verification Services (Ireland) Ltd. which is a body notified to the European Commission according to the provisions of the Pressure Equipment Directive (Notified Body number 2810).
This Report is issued following the assessment of the documentation and implementation of the Quality System in accordance with the provisions of the quoted Conformity Assessment Module of the above directive. The CE Mark must be affixed to the Pressure Equipment within the scope of approval as described above once the EU 'declaration of conformity' has been signed by the responsible person. The number '2810', being HPi Verification Services (Ireland) Ltd. Notified Body number must also be placed on the equipment dataplate.
This certificate is subject to annual surveillance audits. If the surveillance audits are not held, this certificate may be suspended or withdrawn. The current status of the certificate can be checked by scanning the QR code.

Check this certificate is genuine

Quality Director

Technical Director

An INAB accredited Certification Body Reg. No. 5018.

CE

EU Notified Body No. 2810
Company registered in Ireland #577786

© HPi Verification Services (Ireland) Ltd. 2024

Tel +353 (0)1 8017008
Email enquiries@hpivs.ie
www.hpivs.ie

HPi Verification Services (Ireland) Ltd.
Clonrose
Dunshaughlin, Co.Meath
A85 XN59, Ireland

Canadian Registration Number

- Alberta - 0C07063.2
- New Brunswick - 0C07063.27
- Northwest Territory - 0C07063.25
- Nunavut - 0C07063.2N
- Ontario - 0C07063.25
- Yukon - 0C07063.2
- British Columbia - 0C07063.21
- NewFoundland&Laborador - 0C07063.20
- Novascotia - 0C07063.27
- Manitoba - 0C07063.24
- Prince Edward island - 0C07063.29

Complete Product Line

Call SCV Valve today @ (281) 482-4728 for all your valve needs or visit us on the web @ www.scvvalve.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



PISTON CHECKS

Design: API 6D
Sizes: 2" - 24"
Class: 150 - 2500



GLOBES

Design: API 623
Sizes: 2" - 24"
Class: 150 - 2500



3-PIECE TRUN

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

BoreCoating:Scotchkote™134



FULL PORT SWING CHECKS

Design: API 6D
Sizes: 2" - 36"
Class: 150 - 2500



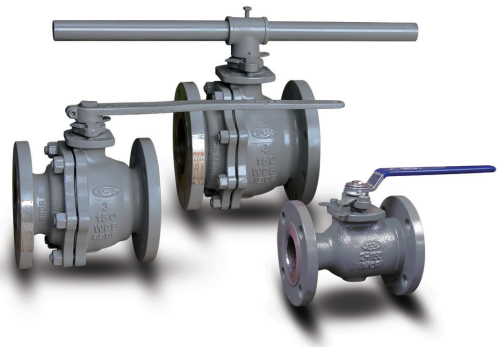
WEDGE GATES

Design: API 600
Sizes: 2" - 48"
Class: 150 - 2500



FLOATING BALLS

Design: B16.34
Sizes: 1/2" - 12"
Class: 150 - 1500



PRESSURE BALANCED LUBRICATED PLUGS

Design: API 6D
Sizes: 2" - 36"
Class: 150 - 2500



RISING STEM BALLS

Design: API 6D
Sizes: 2" - 18"
Class: 150 - 2500



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	/	/
	1250	/	/	/	/	/	/	/	/	/	/	20	20	/	/
	1300	/	/	/	/	/	/	/	/	/	/	20	20	/	/
	1350	/	/	/	/	/	/	/	/	/	/	20	20	/	/
	1400	/	/	/	/	/	/	/	/	/	/	20	20	/	/
	1450	/	/	/	/	/	/	/	/	/	/	20	20	/	/
	1500	/	/	/	/	/	/	/	/	/	/	15	15	/	/
300	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	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	/	/
	Temp. F	A105	WCB	LF2	WCC	LCB	WC6	LCC	C5	C12	C12A	316	CF8M	F51	F53
900	-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	255	650	255	595	760	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	/	/

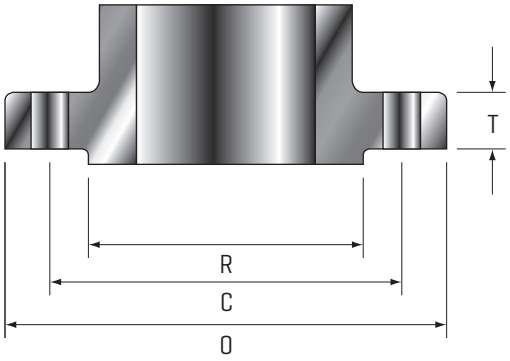
Pressure Temperature Ratings - ASME B16.34

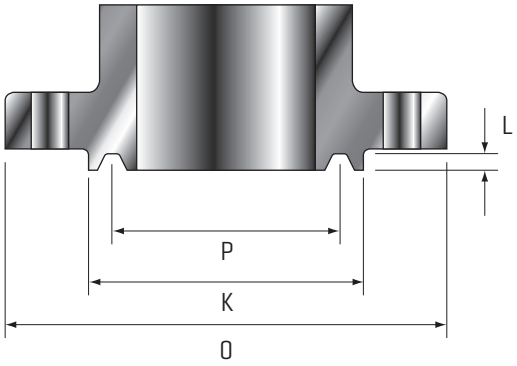
Note: Pressures in PSI

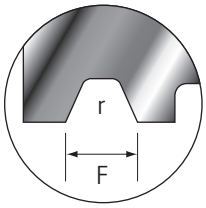
1500

Temp. F	A105	WCB	LF2	WCC	LCB	WC6	LCC	C5	C12	C12A	316	CF8M	F51	F53
-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	1115	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	/	/

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	C			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

Industry Standards for Valve Manufacturing

This information is for reference only.

American Society of Mechanical Engineers (ASME)

ASME Code - Boiler & pressure vessel code
ASME A13.1 - Scheme for the identification of piping systems
ASME B1.1 - Unified inch screw threads, UN, & UNR thread form
ASME B1.5 - ACME screw threads
ASME B1.7M - Nomenclature, definitions, & letter symbols for screw threads
ASME B1.8 - Stub ACME screw threads
ASME B1.12 - Class 5 interference - fit thread
ASME B1.20.1 - Pipe threads, general purpose, inch
ASME B1.20.3 - Dry-seal pipe threads, inch
ANSI/ASME B16.1 - Cast iron pipe flanges & flanged fittings
ANSI/ASME B16.5 - Pipe flanges & flanged fittings: NPS 1/2" - 24"
ASME B16.9 - Factory made wrought steel buttwelding fittings
ANSI/ASME B16.10 - Face-to-face & end-to-end dimensions of valves
ASME B16.11 - Forged fittings, socket welding & threaded
ASME B16.20 - Metallic gaskets for pipe flanges: ring joint spiral wound & jacketed
ASME B16.21 - Non-metallic flat gaskets for pipe flanges
ASME B16.25 - Buttwelding ends
ANSI/ASME B16.33 - Manually operated metallic gas valves for use in gas piping systems up to 125 PSI (sizes NPS 1/2" - 2")
ANSI/ASME B31.1 - Power piping
ANSI/ASME B31.3 - Process piping
ANSI/ASME B16.34 - Valves flanged, threaded & welding end
ANSI/ASME B16.36 - Orifice flanges
ANSI/ASME B16.38 - Large metallic valves for gas distribution (manually operated, NPS 2-1/2" - 12", 125 PSIG maximum)
ANSI/ASME B16.42 - Ductile iron pipe flanges & flanged fittings: classes 150 & 300
ANSI/ASME B16.47 - Large diameter steel flanges
ANSI B17.1 - Keys & keyseats
ANSI B18.2.2 - Square & hex nuts
ASME B31.4 - Pipeline transportation systems for liquid hydrocarbons & other ammonia & alcohols
ANSI/ASME B31.8 - Gas transmission & distribution piping systems
ANSI/ASME B36.10 - Welded & seamless wrought steel pipe
ANSI/ASME B36.19 - Stainless steel pipe
ANSI FCI-2 - Control valve seat leakage

American Society Non-destructive Test (ASNT)

ASNT-TC-1A - Recommended practice no. SNT-TC-1A 1996

American Society for Testing and Materials (ASTM)

American Petroleum Institute (API)

API RP 574 - Inspection practices for piping system components
API 589 - Fire test for evaluation of valve stem packing
API RP 591 - Process valve qualification procedure
API 594 - Check valves-flanged, lug, wafer & buttwelding
API 597 - Steel venturi gate valves, flanged, buttwelding ends
API 598 - Valve inspection & testing
API 599 - Metal plug valves - flanged, welding ends
API 601 - Metallic gaskets for raised-face pipe flanges & flanged connections (double-jacketed corrugated & spiral wound)
API 600 - Bolted bonnet steel gate valves for petroleum & natural as industries "ISO adoption from ISO 10434"
API 602 - Steel gate, globe, & check valves for sizes DN100 and smaller for the petroleum & natural gas industries
API 603 - Corrosion-resistant, bolted bonnet gate valves-flanged & buttweld ends
API 604 - Ductile iron gate valves, flanged ends
API 605 - Large-diameter carbon steel flanges (nominal pipe sizes 26" - 60", classes 75, 150, 300, 400, 600, & 900 (replaced by ANSI/ASME B16.47)
API 606 - Compact steel gate valves, extended body (included in API 602) fire test for soft-seated quarter-turn valves "ISO adoption from ISO 10497-5 2004"
API 607 - Fire test for soft-seated quarter-turn valves "ISO adoption from ISO 10497-5 2004"
API 608 - Metal ball valves, flanged, threaded, & welding ends
API 609 - Butterfly valves-double flanged, lug- & wafer-type
API RP 941 - Steel for hydrogen service at elevated temperatures & pressures in petroleum refineries & petrochemical plants
API RP 520, Part 1 - Sizing, selection & installation of pressure relieving devices in refineries
API RP 520, Part 2 - Sizing, selection & installation of pressure relieving devices in refineries devices in refineries
API Spec 6A - Specification for wellhead & christmas tree equipment
API Spec 6D - Specifications for pipeline valves
API Spec 14D - Specifications for wellhead surface safety valves & underwater safety valves for offshore service
API 5B - Threading, gauging thread inspection of coring, tubing, & line pipe threads
API 6AM - Material toughness
API 6FA - Fire test for valves
API 6FC - Fire test for valves with backseats
API 6FD - Specification for fire test for check valves
API Q1 - Specification for quality programs for the petroleum, petrochemical, & natural gas

National Association of Corrosion Engineers (NACE)

MR0175 - Sulfide stress cracking resistant metallic materials for oil field equipment
MR0103 - Materials resistant to sulfide street cracking in corrosive petroleum refining environments

Canadian Standards Association

B51-97 - Boiler, pressure vessel, & pressure piping code
Z245.15-96 - Steel valves
CAN3-z299.4-85 - Quality assurance program - Category 4
CAN3-z299.3-85 - Quality assurance program - Category 3

British Standards Institute (BS)

BS 1414 - Gate, wedge & double disk valves: steel
BS 1868 - Check valves: steel
BS 1873 - Globe & check valves: steel
BS 2080 - Flanged & buttweld end steel valves
BS 5146 - (withdrawn) Replaced by BS 6755 p.1 steel valves testing (1986) & BS 6755 p.2 (1984)
BS 5152 - Globe & check: cast iron
BS 5153 - Check: cast iron
BS 5159 - Ball: cast iron & carbon steel
BS 5160 - Globe & check: steel
BS 5163 - Gate, wedge & double disk: cast iron
BS 5351 - Ball: steel
BS 5352 - Globe & check: steel
BS 5418 - (withdrawn) Replaced by BS EN 19 (1992) marking: general purpose industrial
BS 5840 - Valve mating details for actuator operation
BS 6364 - Cryogenic
BS 6683 - Guide: installation & use of valves
BS 6755: Part 1 - Specification for production pressure testing requirements
BS 6755: Part 2 - Specification for fire type-testing requirements
BS EN 19 - Marking of general purpose industrial valves

International Organization for Standardization

ISO 5211/1 - Industrial valves- part-turn actuator attachments
ISO 5211/2 - Part-turn valve actuator attachment-flange & coupling performance characteristics
ISO 5211/3 - Part-turn valve actuator attachment-dimensions of driving components
ISO 5752 - Metal valves for use in flanged pipe systems face-to-face & center-to-face dimensions
ISO 9000 - Quality management systems and fundamentals & vocabulary
ISO 10012-1 - Quality assurance requirements for measuring equipment

Manufacturers Standardization Society

SP-6 - Standard finishes for contact faces of pipe flanges & connecting-end flanges of valves & fittings
SP-9 - Spot facing for bronze, iron & steel flanges
SP-25 - Standard marking system for valves, fittings, flanges & unions
SP-42 - Class 150 corrosion resistant gate, globe, angle, & check valves with flanged & buttweld ends
SP-44 - Steel pipeline flanges
SP-45 - Bypass & drain connections
SP-51 - Class 150/w corrosion resistant cast flanges & flanged fittings
SP-53 - Quality standard for steel castings & forgings for valves, flanges, & fittings & other piping components: magnetic particle exam method
SP-54 - Qualitystandard for steel castings for valves, flanges, & fittings and other piping components: radiographic examination method
SP-55 - Quality standard for steel castings for valves, flanges other piping components-visual method for evaluation of surface irregularities
SP-60 - Connecting flange joint between tapping sleeves & tapping valves
SP-61 - Pressure testing of steel valves
SP-65 - High pressure chemical industry flanges & threaded stubs for use with lens gaskets
SP-67 - Butterfly valves
SP-69 - ANSI/MSS edition pipe hangers & supports, selection & application
SP-70 - Cast iron gate valves, flanged & threaded ends
SP-71 - Gray iron swing check valves, flanged & threaded ends
SP-72 - Ball valves with flanged or butt-welding ends for general service
SP-79 - Socket-welding reducer inserts
SP-81 - Stainless steel, bonnetless, flanged knife gate valves
SP-82 - Valve pressure testing methods
SP-84 - Valves - socket welding & threaded ends
SP-85 - Cast iron globe & angle valves, flanged & threaded ends
SP-86 - Guidelines for metric data in standards for valves, flanges, fittings & actuators
SP-88 - Diaphragm valves
SP-91 - Guidelines for manual operation of valves
SP-92 - MSS valve user guide
SP-93 - Quality standard for steel castings & forgings for valves, flanges & fittings & other piping components-liquid penetrant exam method
SP-94 - Quality standard for ferritic & martensitic steel castings for valves, flanges, & fittings and others piping components - ultrasonic exam method
SP-96 - Guidelines on terminology for valves & fittings
SP-98 - Protective coatings for the interior of valves, hydrants, & fittings
SP-99 - Instrument valves
SP-101 - Part-turn valve actuator attachment-flange and driving component dimensions & performance characteristics
SP-102 - Multi-turn valve actuator attachment: flange and driving component dimensions & performance characteristics
SP-110 - Ball valves threaded, socket-welding, solder joint, grooved, & flared ends
SP-117 - Bellows seals for globe & gate valves
SP-118 - Compact steel globe and check valves-flanged, flangeless, threaded & welding ends (chemical & petroleum

Terms & Conditions

Quotation Validity

This quotation is valid for 30 days from the date quotation is sent. Validity on special metals, including Stainless Steel, is 14 days from the date the quotation is sent. All products offered from stock are subject to prior sale.

Shipments

All items quoted are EXW our Dock - (Ex Works - SCV Valve Facility Sante Fe, Texas 77510) - unless otherwise noted and agreed to in writing. Shipment may be billed either third party billing to the buyer or freight collect. Shipment dates offered above are forecasted delivery lead times and are estimated from the date payment terms (acceptable to seller) are established, clarification is received on all technical information, and resolution of customer's written approval of drawings is received (when required). The equipment quoted shall be packed in accordance with seller's standard packing procedure unless otherwise noted and agreed to in writing by the seller.

Force Majeure

If in the case of an act of God, war, riot, fire, explosion, flood, or any other circumstances of whatsoever nature which are beyond the control of the seller and which in any way affect the ability of the seller to fulfill its delivery obligations, the delivery is hindered, impeded, or delayed the seller shall be exonerated from all responsibilities and reserves the right to postpone the delivery beyond the original schedule.

Payment terms

All terms are to be negotiated. Credit cards accepted (Master Card, Visa, American Express).

Purchase Orders

All buyer's purchase orders supplied to the seller are to be written in the English language.

Prices

All prices quoted are in USD as per the preceding pricing schedule. The minimum order value is $5,000.00 (five thousand dollars), unless otherwise agreed to by seller. If for some reason any items are changed or additions to the order required, seller reserves the right to adjust prices accordingly. All sales are subject to approval of seller's credit department. If buyer fails to meet the agreed upon and established commercial terms of the contract, the seller may with-hold all subsequent deliveries until such time that the original commercial terms of the contract have been met by the buyer (or subsequent commercial terms have been agreed upon by the seller with the buyer).

Intellectual Property

All specifications, illustrations, drawings, certificates, and other particulars supplied by seller remain the intellectual property of the seller and should not be disclosed to any third party without the prior written consent of seller.

Governing Law; Arbitration; Jurisdiction

The terms and conditions of this quotation and any subsequent purchase order shall be construed, interpreted, and performed exclusively according to the laws of the State of Texas, USA. The courts of such state shall have exclusive jurisdiction out of all controversies arising out of or in connection with this agreement. The parties consent that process may be served upon them in any such action by registered mail at the address stated for Buyer on its purchase order, and upon SCV Valve at the address noted above in Santa Fe, Texas, or personally within or without the State of Texas. Any legal action with respect to any agreement must be commenced within one year after the cause of action has accrued. The provisions of the Uniform Commercial Code as adopted by the State of Texas, and not under the United Nations Convention on Contracts for the International Sale of Goods, shall apply.

Warranty

All seller's products are guaranteed against defects in workmanship for a period of twelve (12) months after being placed in service, but not exceeding eighteen (18) months after shipment, when products are properly installed per seller specifications and used within the service and pressure range for which they were manufactured. Full risk of loss shall pass to the buyer upon delivery at FOB point, or destination port in case of CIF. This guarantee is limited to the replacement of any valve parts/components found to be defective either in material or workmanship. This guarantee does not extend to costs of labor, freight, or any other consequential charges. The unauthorized use of third party components and workmanship in seller's products voids this warranty.

Limitation of Liability

The liability of the seller under this agreement or with respect to any products supplied or services performed pursuant to this agreement, whether in contract, in tort, in strict liability or otherwise, shall not exceed the purchase price paid by the buyer with respect thereto. In no event will the seller be liable in contract, in tort, in strict liability or otherwise for any special, indirect, incidental, or consequential damages. This is including but not limited to loss of anticipated profits or revenues, loss of use, non-operation or increased expense of operation of equipment, cost of capital, or claims from customer or buyer for failure or delay in achieving anticipated profits or products.

Cancellation

No contract may be canceled by the buyer except upon written notice to seller and upon payment to seller of all costs incurred by the contract arising out of, or in connection with, the contract. Export of goods covered hereby is subject to United States Customs Control. Standard stocking items will be subject to a twenty-five percent (25%) restocking and/or cancellation charge. Non-standard stocking items will be subject to a one-hundred percent (100%) restocking and/or cancellation charge.

Cancellation Charge

The following indicates the rates of cancellation charge of contract value for project manufactured items and/or special engineered items at various stages of production:

- Time of cancellation: Order Acknowledgement and prior to Engineering engagement. Cancellation Charge: 10%
- Time of cancellation: After start of engineering but prior to release to production. Cancellation Charge: 30%
- Time of cancellation: After release to production but prior to completion of fabrication. Cancellation Charge: 80%
- Time of cancellation: After completion of fabrication. Cancellation Charge: 100%

Return of Goods

No product shall be returned to seller without written authorization and shipping instructions having been obtained from seller. Products authorized for returns are to be shipped freight pre-paid to the SCV Valve Facility identified in writing, unless otherwise notified, and are subject to seller's standard re-stocking fees.

Documentation

MTR's are available at no charge upon request. The seller's standard document package is per ISO 10474 3.1B requirements. Additional requested documentation is subject to charge.

Inspection

The customer or his authorized representative may, with four (4) weeks prior notice given to seller, visually inspect products manufactured by seller. Such seller approved inspections will be carried out in accordance with seller's standard or seller approved customer inspection procedures. If any inspection or documentation requested by the customer is over and beyond the scope and criteria initially agreed to by the seller, any costs incurred by conducting such inspection or preparation of special documents shall be paid by the buyer prior to release of the items for shipment.

Witness Hydro-testing

Witness hydro-testing is available at a cost. A scope of buyers inspection request is to be provided to seller at order placement. Late notice of such requested inspection is subject to additional costs. The cost associated with such witness hydro request is to be agreed on prior to any such testing taking place. Payment of this type of testing to be negotiated. Additionally, any costs associated with a third party inspector will not be at the sellers expense.

SCV Valve was established in 2005. Since that time, SCV has continued to expand our product offerings to cover a broad range of applications and industries. Some of the markets we serve include power, petrochemical, crude oil, natural gas, and geothermal.

SCV Valve takes the utmost 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 counduit gates (slab, expanding, compact slab, and compact expanding gates), trunnion mounted balls, floating balls, rising stem ball valves, wedge gates, full port swing checks, piston checks, and lubricated plugs.

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, commitment to quality, design, and service, SCV Valve has become one of the premier valve manufacturers in the industry. SCV carries a large inventory. 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 2005, 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.scvvalve.com.

SALES, PROJECTS, ENGINEERING,
MANUFACTURING, & WAREHOUSING
3521 FM 646 Rd. North
Santa Fe, TX 77510
Phone: (281) 482-4728
Fax: (281) 482-9728
Hours: 8:00 a.m. to 5:00 p.m. Central Standard
Email: sales@scvvalve.com

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(281) 482-4728 • www.scvvalve.com

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