

Quarter-Turn & Multi-Turn Valves





SHARPE® VALVES

Ball Valves

- Stainless Steel
- Carbon Steel
- Ductile Iron
- Brass

Gate Valves

- Stainless Steel
- Forged Steel
- Forged Stainless Steel
- Cast Steel

Globe Valves

- Stainless Steel
- Forged Steel
- Forged Stainless Steel
- Cast Steel

Check Valves

- Stainless Steel
- Forged Steel
- Forged Stainless Steel
- Cast Steel
- Ductile Iron

Butterfly Valves

- Ductile Iron
- Stainless Steel

Part of the SCI ProPak™ System



Series 58B74
Carbon Steel Ball Valve

- 2000 lb. CWP, 150 lb. WSP
- Standard port
- Unibody design
- RTFE seats
- Stainless steel trim
- Blow-out proof stem
- Locking device



Size in	Part Number	Weight lb
	Threaded	
1/4	SV58B74002	0.2
3/8	SV58B74003	0.3
1/2	SV58B74004	0.7
3/4	SV58B74006	1.0
1	SV58B74010	1.5
1-1/4	SV58B74012	3.4
1-1/2	SV58B74014	3.2
2	SV58B74020	5.9

Series 58876
Stainless Ball Valve

- 800 lb. CWP, 150 lb. WSP
- Reduced port
- 316 stainless steel body
- Unibody design
- RTFE seats and TFE seals
- Blow-out proof stem
- Locking device



Size in	Part Number	Weight lb
	Threaded	
1/4	SV58876002	0.1
3/8	SV58876003	0.2
1/2	SV58876004	0.4
3/4	SV58876006	0.6
1	SV58876010	1.0
1-1/4	SV58876012	1.4
1-1/2	SV58876014	1.9
2	SV58876020	2.9

Series 54574
Carbon Steel Ball Valve

- 2000 lb. CWP (1/4 - 1),
1500 lb. CWP (1-1/4 - 2),
150 lb. WSP*
- Standard port
- Two-piece design
- RTFE seats
- Locking device
- Blow-out proof stem



Size in	Part Number	Weight lb
	Threaded	
1/4	SV54574002	0.7
3/8	SV54574003	0.7
1/2	SV54574004	0.7
3/4	SV54574006	1.4
1	SV54574010	1.8
1-1/4	SV54574012	3.2
1-1/2	SV54574014	4.3
2	SV54574020	6.1

*Nova Seats for 250 psi WSP also available.

Series 54576
316 Stainless Steel Ball Valve

- 2000 lb. CWP (1/4 - 1),
1500 lb. CWP (1-1/4 - 2),
150 lb. WSP*
- Standard port
- Two-piece design
- RTFE seats
- Locking device
- Blow-out proof stem



Size in	Part Number	Weight lb
	Threaded	
1/4	SV54576002	0.7
3/8	SV54576003	0.7
1/2	SV54576004	0.7
3/4	SV54576006	1.4
1	SV54576010	1.8
1-1/4	SV54576012	3.2
1-1/2	SV54576014	4.3
2	SV54576020	6.1

*Nova Seats for 250 psi WSP also available.

Series 1011TTE
Brass Ball Valve



- 600 lb. CWP
- Full port
- Forged brass body
- Chrome plated ball
- RTFE seals
- TFE seat
- Locking device
- Blow-out proof stem

Size in	Part Number Threaded	Packing		Weight lb
		Inner	Master	
1/4	SV1011TTE002	10	160	0.3
3/8	SV1011TTE003	10	160	0.3
1/2	SV1011TTE004	10	120	0.5
3/4	SV1011TTE006	10	60	0.7
1	SV1011TTE010	6	60	1.0
1-1/4	SV1011TTE012	4	24	1.7
1-1/2	SV1011TTE014	4	16	2.3
2	SV1011TTE020	2	16	3.6
2-1/2	SV1011TTE024	1	6	7.7
3	SV1011TTE030	2	4	9.1
4	SV1011TTE040	1	2	16.7

Series 50M76
316 Stainless Ball Valve



- 1000 lb. CWP, 150 lb. WSP
- Full port
- Two-piece design
- RTFE seats
- Locking device
- Blow-out proof stem

Size in	Part Number	Weight lb
	Threaded	
1/4	SV50M76002	0.6
3/8	SV50M76003	0.5
1/2	SV50M76004	0.7
3/4	SV50M76006	1.1
1	SV50M76010	1.7
1-1/4	SV50M76012	2.6
1-1/2	SV50M76014	4.1
2	SV50M76020	6.8
2-1/2	SV50M76024	14.7
3	SV50M76030	22.4

Series 50B74
**Carbon Steel Ball Valve,
Seal Weld**



- 2000 lb. CWP (1/4 - 2),
1500 lb. CWP (2-1/2 - 3),
150 lb. WSP*
- Full port
- Two-piece seal welded
- Locking device
- Blow-out proof stem

Size in	Part Number	Weight lb
	Threaded	
1/4	SV50B74002	0.6
3/8	SV50B74003	0.5
1/2	SV50B74004	0.7
3/4	SV50B74006	1.1
1	SV50B74010	1.8
1-1/4	SV50B74012	2.7
1-1/2	SV50B74014	4.2
2	SV50B74020	6.8
2-1/2	SV50B74024	15.2
3	SV50B74030	22.6

*Nova seats for 250 psi WSP also available.

Series 50B76
**Stainless Steel Ball Valve
Seal Weld**



- 2000 lb. CWP (1/4 - 2),
1500 lb. CWP (2-1/2 - 3),
150 lb. WSP*
- Full port
- Two-piece seal welded
- Locking device
- Blow-out proof stem

Size in	Part Number	Weight lb
	Threaded	
1/4	SV50B76002	0.6
3/8	SV50B76003	0.5
1/2	SV50B76004	0.7
3/4	SV50B76006	1.1
1	SV50B76010	1.8
1-1/4	SV50B76012	2.6
1-1/2	SV50B76014	4.2
2	SV50B76020	6.8
2-1/2	SV50B76024	15.2
3	SV50B76030	22.7

*Nova Seats for 250 psi WSP also available.

Series 50C74
Carbon Steel Ball Valve,
Seal Weld



- 3000 lb. CWP
- Two-piece seal welded
- Anti-static device
- Locking device
- Blow-out proof stem

Size in	Part Number		Weight lb
	Threaded	Socket Weld	
1/4	SV50C74002	SV50C747PSW002	0.9
3/8	SV50C74003	SV50C747PSW003	0.8
1/2	SV50C74004	SV50C747PSW004	1.0
3/4	SV50C74006	SV50C747PSW006	2.4
1	SV50C74010	SV50C747PSW010	3.5
1-1/4	SV50C74012	SV50C747PSW012	5.1
1-1/2	SV50C74014	SV50C747PSW014	8.5
2	SV50C74020	SV50C747PSW020	9.6
3	SV50C74030	SV50C747PSW030	13.7

Series 50C767
316 Stainless Steel Ball Valve,
Seal Weld



- 3000 lb. CWP
- Two-piece seal welded
- Anti-static device
- Locking device
- Blow-out proof stem

Size in	Part Number		Weight lb
	Threaded	Socket Weld	
1/4	SV50C767002	SV50C767PSW002	0.9
3/8	SV50C767003	SV50C767PSW003	0.8
1/2	SV50C767004	SV50C767PSW004	1.0
3/4	SV50C767006	SV50C767PSW006	2.4
1	SV50C767010	SV50C767PSW010	3.5
1-1/4	SV50C767012	SV50C767PSW012	5.1
1-1/2	SV50C767014	SV50C767PSW014	8.5
2	SV50C767020	SV50C767PSW020	9.6
3	SV50C767030	SV50C767PSW030	13.7

Series 50F74
Carbon Steel Ball Valve,
Seal Welded



- 6000 lb. CWP
- Full port
- Two-piece seal welded
- Anti-static device
- Locking device
- Blow-out proof stem

Size in	Part Number	Weight lb
	Threaded	
1/4	SV50F74002	1.2
3/8	SV50F74003	1.1
1/2	SV50F74004	1.5
3/4	SV50F74006	2.8
1	SV50F74010	4.9
1-1/4	SV50F74012	7.4
1-1/2	SV50F74014	12.1
2	SV50F74020	14.7

Series 50F76
316 Stainless Steel Ball
Valve, Seal Weld



- 6000 lb. CWP
- Full port
- Two-piece seal welded
- Anti-static device
- Locking device
- Blow-out proof stem

Size in	Part Number	Weight lb
	Threaded	
1/4	SV50F76002	1.2
3/8	SV50F76003	1.1
1/2	SV50F76004	1.5
3/4	SV50F76006	2.8
1	SV50F76010	4.9
1-1/4	SV50F76012	7.4
1-1/2	SV50F76014	12.1
2	SV50F76020	14.7



Series 39034
Carbon Steel Ball Valve,
Three-piece design

- 1000 lb. CWP
- Full port
- Locking device
- Blow-out proof stem
- Lever or oval handles

Size in	Part Number		Weight lb
	Threaded	Socket Weld	
1/4	SV39034TE002	SV39034SW002	0.7
3/8	SV39034TE003	SV39034SW003	0.6
1/2	SV39034TE004	SV39034SW004	1.1
3/4	SV39034TE006	SV39034SW006	1.3
1	SV39034TE010	SV39034SW010	1.9
1-1/4	SV39034TE012	SV39034SW012	2.7
1-1/2	SV39034TE014	SV39034SW014	4.2
2	SV39034TE020	SV39034SW020	7.2



Series 39036
316 Stainless Steel Ball Valve,
Three-piece design

- 1000 lb. CWP
- Full port
- Locking device
- Blow-out proof stem
- Lever or oval handles

Size in	Part Number		Weight lb
	Threaded	Socket Weld	
1/4	SV39036TE002	SV39036SW002	0.7
3/8	SV39036TE003	SV39036SW003	0.6
1/2	SV39036TE004	SV39036SW004	1.1
3/4	SV39036TE006	SV39036SW006	1.4
1	SV39036TE010	SV39036SW010	2.0
1-1/4	SV39036TE012	SV39036SW012	2.9
1-1/2	SV39036TE014	SV39036SW014	4.3
2	SV39036TE020	SV39036SW020	7.4



Series 53034
Carbon Steel Ball Valve,
Three-piece design

- 1000 lb. CWP 1/4" - 2"
- 600 lb. CWP 2 1/2" - 4"
- Full port
- RTFE seat
- Locking device
- Blow-out proof stem
- Actuator mounting pad
- Lever or oval handles

Size in	Part Number		Weight lb
	Threaded	Socket Weld	
1/4	SV53034TE002	SV53034SW002	0.9
3/8	SV53034TE003	SV53034SW003	0.9
1/2	SV53034TE004	SV53034SW004	1.2
3/4	SV53034TE006	SV53034SW006	1.9
1	SV53034TE010	SV53034SW010	2.6
1-1/4	SV53034TE012	SV53034SW012	4.1
1-1/2	SV53034TE014	SV53034SW014	6.4
2	SV53034TE020	SV53034SW020	9.8
2-1/2	SV53034TE024	SV53034SW024	15.1
3	SV53034TE030	SV53034SW030	21.3
4	SV53034TE040	SV53034SW040	34.6



Series 53036
316 Stainless Steel Ball Valve,
Three-piece design

- 1000 lb. CWP 1/4" - 2"
- 600 lb. CWP 2 1/2" - 4"
- Full port
- RTFE seat
- Locking device
- Blow-out proof stem
- Actuator mounting pad
- Lever or oval handles

Size in	Part Number		Weight lb
	Threaded	Socket Weld	
1/4	SV53036TE002	SV53036SW002	0.9
3/8	SV53036TE003	SV53036SW003	0.9
1/2	SV53036TE004	SV53036SW004	1.2
3/4	SV53036TE006	SV53036SW006	1.8
1	SV53036TE010	SV53036SW010	2.5
1-1/4	SV53036TE012	SV53036SW012	4.0
1-1/2	SV53036TE014	SV53036SW014	6.2
2	SV53036TE020	SV53036SW020	9.6
2-1/2	SV53036TE024	SV53036SW024	15.1
3	SV53036TE030	SV53036SW030	21.3
4	SV53036TE040	SV53036SW040	34.6

Series 54114
Carbon Steel Flanged
Ball Valve, Unibody

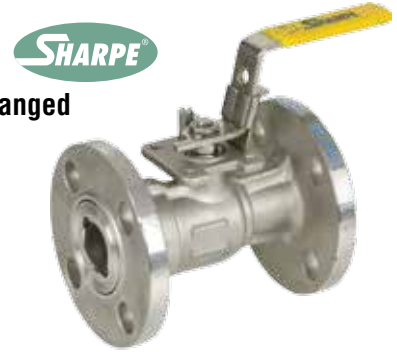
- 150 lb. flanged ends
- Standard port
- TFM seats 1 - 4
- RTFE seats 6 - 8
- Locking device
- Blow-out proof stem
- 316 Stainless steel ball & stem



Size in	Part Number	Weight lb
	Flanged	
1	SV54114M010	5.6
1-1/2	SV54114M014	12.2
2	SV54114M020	25.4
2-1/2	SV54114M024	34.0
3	SV54114M030	38.5
4	SV54114M040	53.5
6	SV54114M060	79.2
8	SV54114M080	189.2

Series 54116
316 Stainless Steel Flanged
Ball Valve, Unibody

- 150 lb. flanged ends
- Standard port
- TFM seats 1/2 - 4
- RTFE seats 6 - 8
- Locking device
- Blow-out proof stem



Size in	Part Number	Weight lb
	Flanged	
1	SV54116M010	5.6
1-1/2	SV54116M014	12.2
2	SV54116M020	25.4
2-1/2	SV54116M024	34.0
3	SV54116M030	38.5
4	SV54116M040	53.5
6	SV54116M060	79.2
8	SV54116M080	189.2

Series 50114
Carbon Steel Flanged
Ball Valve, 2-Piece

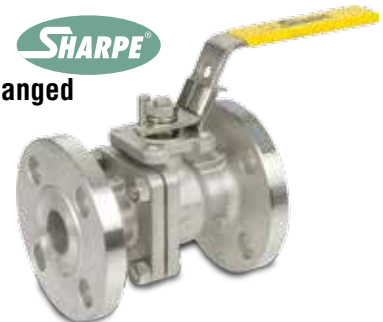
- 150 lb. flanged ends
- Full port
- Locking device
- Blow-out proof stem
- 316 Stainless steel ball & stem



Size in	Part Number	Weight lb
	Flanged	
1/2	SV50114M004	3.7
3/4	SV50114M006	4.8
1	SV50114M010	6.8
1-1/2	SV50114M014	13.5
2	SV50114M020	19.6
2-1/2	SV50114M024	36.5
3	SV50114M030	44.2
4	SV50114M040	63.7

Series 50116
316 Stainless Steel Flanged
Ball Valve, 2-Piece

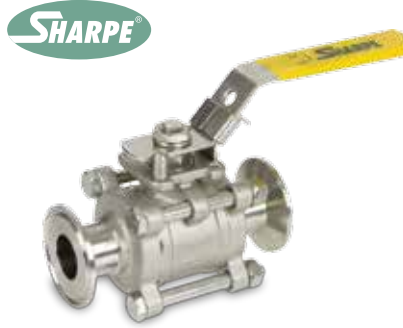
- 150 lb. flanged ends
- Full port
- 316 Stainless steel body and trim
- Locking device
- Blow-out proof stem



Size in	Part Number	Weight lb
	Flanged	
1/2	SV50116M004	3.7
3/4	SV50116M006	4.8
1	SV50116M010	6.8
1-1/2	SV50116M014	13.5
2	SV50116M020	19.6
2-1/2	SV50116M024	36.5
3	SV50116M030	44.2
4	SV50116M040	63.7

**Series N66
Sanitary Ball Valve**

- 316 stainless steel
- Full tube port
- Three-piece design
- High cycle stem
- Hygienic seating
- ISO 5211 mounting pad
- Locking device
- Encapsulated body seal



Size in	Part Number	Weight lb
	Clamp Ends	
1/2	SVN6666MTCE004	1.2
3/4	SVN6666MTCE006	2.0
1	SVN6666MTCE010	3.0
1-1/2	SVN6666MTCE014	6.0
2	SVN6666MTCE020	9.2
2-1/2	SVN6666MTCE024	12.1
3	SVN6666MTCE030	16.2
4	SVN6666MTCE040	18.9

**Series 88
High Purity BPE Compliant
Full Port Tube Ball Valve**

- ASME/BPE - 2009 Compliant
- Full Port
- Size 1/4" to 4"
- Available in 316L Stainless Steel
- Ends: CE (Clamp Ends), BW, SW, BTE (Extended Butt-weld Tube)
- Pressure up to 1480 PSI*
- Temperature up to 550° F*
- 3-Piece Design
- High Cycle Stem Design
- Encapsulated Body Bolts
- Variety of Seats, Seals and Aseptic end Connections
- Integral ISO 5211 Mounting Pad
- Lockable, Lever, Extended or Oval Handle
- All Wetted Parts Polished To 14-18 RA
- Optional 8-10 RA Electropolish
- Optional Purge Ports Available



**Series 75
Sanitary 3 & 4 Way Ball Valve**

- Tube Full Port
- Size 1/4" to 2"
- Available in 316L Stainless Steel
- Ends: NPT, SW
- Pressure up to 1000 PSI*
- Temperature up to 450° F*
- ISO 5211 Mounting Pad
- TFM Seats
- 4-Seat Design
- "L" or "T" Port Balls
- 10 Different Flow Configurations
- Direct Mount Design
- Lockable Lever Handle Standard
- Extended or Oval Handle Optional
- Live Loaded Stem Packing
- Blowout Proof Stem



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Series 30276
316 Stainless Steel Gate Valve

- 200 lb. @ 350°F
- Inside Screw
- Non-rising stem
- Screwed bonnet
- Solid wedge disc

Size in	Part Number		Weight lb
	Threaded	Socket Weld	
1/2	SV30276TE004	SV30276SW004	0.9
3/4	SV30276TE006	SV30276SW006	1.2
1	SV30276TE010	SV30276SW010	1.6
1-1/4	SV30276TE012	SV30276SW012	2.6
1-1/2	SV30276TE014	SV30276SW014	3.7
2	SV30276TE020	SV30276SW020	5.2



Series 40276
316 Stainless Steel Globe Valve

- 200 lb. CWP @ 350°F
- Inside screw
- Rising stem
- Screwed bonnet

Size in	Part Number		Weight lb
	Threaded	Socket Weld	
1/2	SV40276TE004	SV40276SW004	1.0
3/4	SV40276TE006	SV40276SW006	1.5
1	SV40276TE010	SV40276SW010	1.9
1-1/4	SV40276TE012	SV40276SW012	3.1
1-1/2	SV40276TE014	SV40276SW014	3.9
2	SV40276TE020	SV40276SW020	5.5



Series 20276
316 Stainless Steel Swing Check Valve

- 200 lb. CWP @ 350°F
- 316 stainless steel
- Screwed cap

Size in	Part Number		Weight lb
	Threaded	Socket Weld	
1/4	SV20276TE002	SV20276SW002	0.8
3/8	SV20276TE003	SV20276SW003	0.8
1/2	SV20276TE004	SV20276SW004	0.7
3/4	SV20276TE006	SV20276SW006	1.1
1	SV20276TE010	SV20276SW010	1.7
1-1/4	SV20276TE012	SV20276SW012	2.4
1-1/2	SV20276TE014	SV20276SW014	3.3
2	SV20276TE020	SV20276SW020	5.0
2-1/2	SV20276TE024	SV20276SW024	9.1
3	SV20276TE030	SV20276SW030	13.2



Order On-Line
at www.smithcooper.com



Series 35114
Cast Steel 150 lb. Flanged Gate Valve

- Outside screw and yoke
- Bolted bonnet
- Flexible wedge, fully guided
- Integrated seats
- Rising stem and non-rising handwheel
- Available with gear operator
- API 600

Size in	Part Number	Weight lb
2	SV35114020	37.4
2-1/2	SV35114024	59.4
3	SV35114030	72.6
4	SV35114040	105.6
6	SV35114060	171.6
8	SV35114080	264.0
10	SV35114100	387.2
12	SV35114120	572.0
14	SV35114140	836.0
16	SV35114160	1166.0
18	SV35114180	1364.0
20	SV35114200	1782.0
24	SV35114240	2530.0



Series 35116
316 Stainless Steel 150 lb. Flanged Gate Valve

- Outside screw and yoke
- Bolted bonnet
- Flexible wedge, fully guided
- Integrated seats
- Rising stem and non-rising handwheel
- API 603

Size in	Part Number	Weight lb
1/2	SV35116004	7.5
3/4	SV35116006	7.9
1	SV35116010	10.6
1-1/2	SV35116014	18.2
2	SV35116020	25.0
2-1/2	SV35116024	34.7
3	SV35116030	48.3
4	SV35116040	76.4
5	SV35116050	104.7
6	SV35116060	118.9
8	SV35116080	197.3
10	SV35116100	313.1
12	SV35116120	465.1



Series 35314
Cast Steel 300 lb. Flanged Gate Valve

- Outside screw and yoke
- Bolted bonnet
- Flexible wedge, fully guided
- Integrated seats
- Rising stem and non-rising handwheel
- API 600

Size in	Part Number	Weight lb
2	SV35314020	45.8
2-1/2	SV35314024	77.0
3	SV35314030	107.8
4	SV35314040	151.80
6	SV35314060	286.0
8	SV35314080	457.6
10	SV35314100	732.6
12	SV35314120	1179.2

Note: 600 lb. Flanged End Valve Available Upon Request



Series 35316
316 Stainless Steel 300 lb. Flanged Gate Valve

- Outside screw and yoke
- Bolted bonnet
- Flexible wedge, fully guided
- Integrated seats
- Rising stem and non-rising handwheel
- API 603

Size in	Part Number	Weight lb
1/2	SV35316004	11.8
3/4	SV35316006	13.8
1	SV35316010	15.4
1-1/2	SV35316014	35.0
2	SV35316020	45.8
2-1/2	SV35316024	55.8
3	SV35316030	84.8
4	SV35316040	142.0
6	SV35316060	253.0
8	SV35316080	376.2
10	SV35316100	651.2
12	SV35316120	891.0

Note: 600 lb. Flanged End Valve Available Upon Request



Series 45114 Cast Steel 150 lb. Flanged Globe Valve

- Bolted bonnet
- Outside screw and yoke
- Yoke integrated with bonnet
- Rising stem and handwheel



Size in	Part Number	Weight lb
2	SV45114020	48.4
2-1/2	SV45114024	63.8
3	SV45114030	88.0
4	SV45114040	140.8
6	SV45114060	231.0
8	SV45114080	338.8
10	SV45114100	633.6
12	SV45114120	1115.4
14	SV45114140	1144.0
16	SV45114160	1678.6



Series 45116 316 Stainless Steel 150 lb. Flanged Globe Valve

- Bolted bonnet
- Outside screw and yoke
- Yoke integrated with bonnet
- Rising stem and handwheel



Size in	Part Number	Weight lb
1/2	SV45116004	6.9
3/4	SV45116006	8.2
1	SV45116010	9.6
1-1/4	SV45116012	13.9
1-1/2	SV45116014	16.3
2	SV45116020	23.3
2-1/2	SV45116024	33.5
3	SV45116030	45.7
4	SV45116040	68.2
5	SV45116050	95.1
6	SV45116060	136.8
8	SV45116080	217.6
10	SV45116100	413.6
12	SV45116120	1049.4



Series 45314 Cast Steel 300 lb. Flanged Globe Valve

- Bolted bonnet
- Outside screw and yoke
- Yoke integrated with bonnet
- Rising stem and handwheel



Size in	Part Number	Weight lb
2	SV45314020	68.2
2-1/2	SV45314024	94.6
3	SV45314030	125.4
4	SV45314040	189.2
6	SV45314060	369.6
8	SV45314080	616.0
10	SV45314100	847.0
12	SV45314120	1592.8

Note: 600 lb. Flanged Globe Valves Available Upon Request



Series 45316 316 Stainless Steel 300 lb. Flanged Globe Valve

- Bolted bonnet
- Outside screw and yoke
- Yoke integrated with bonnet
- Rising stem and handwheel



Size in	Part Number	Weight lb
1/2	SV45316004	8.3
3/4	SV45316006	10.2
1	SV45316010	16.4
1-1/4	SV45316012	21.2
1-1/2	SV45316014	27.7
2	SV45316020	34.5
2-1/2	SV45316024	59.6
3	SV45316030	72.5
4	SV45316040	115.3
5	SV45316050	160.1
6	SV45316060	297.3
8	SV45316080	508.8
10	SV45316100	858.6
12	SV45316120	1216.3

Note: 600 lb. Flanged Globe Valves Available Upon Request



Series 25114
Cast Steel 150 lb.
Flanged Check Valve

- Bolted cover
- Swing type
- Integrated seats
- Renewable seat rings



Size in	Part Number	Weight lb
2	SV25114020	37.4
2-1/2	SV25114024	52.8
3	SV25114030	61.6
4	SV25114040	92.4
6	SV25114060	149.6
8	SV25114080	259.6
10	SV25114100	433.4
12	SV25114120	664.4
14	SV25114140	818.4
16	SV25114160	1254.0
18	SV25114180	1463.0
20	SV25114200	1980.0
24	SV25114240	2989.8



Series 25116
316 Stainless Steel 150 lb.
Flanged Check Valve

- Bolted cover
- Swing type
- Integrated seats
- Renewable seat rings



Size in	Part Number	Weight lb
1/2	SV25116004	3.5
3/4	SV25116006	4.7
1	SV25116010	6.0
1-1/4	SV25116012	7.2
1-1/2	SV25116014	10.3
2	SV25116020	17.2
2-1/2	SV25116024	25.5
3	SV25116030	32.2
4	SV25116040	62.4
5	SV25116050	82.60
6	SV25116060	103.5
8	SV25116080	167.2
10	SV25116100	295.5
12	SV25116120	429.9



Series 25314
Cast Steel 300 lb.
Flanged Check Valve

- Bolted cover
- Swing type
- Integrated seats
- Renewable seat rings



Size in	Part Number	Weight lb
2	SV25314020	46.2
2-1/2	SV25314024	52.8
3	SV25314030	94.6
4	SV25314040	132.0
6	SV25314060	288.2
8	SV25314080	468.6
10	SV25314100	844.8
12	SV25314120	987.8

Note: 600 lb. Flanged End Valve Available Upon Request



Series 25316
316 Stainless Steel 300 lb.
Flanged Check Valve

- Bolted cover
- Swing type
- Integrated seats
- Renewable seat rings



Size in	Part Number	Weight lb
1/2	SV25316004	5.7
3/4	SV25316006	7.8
1	SV25316010	12.1
1-1/2	SV25316014	21.1
2	SV25316020	31.5
2-1/2	SV25316024	44.7
3	SV25316030	55.4
4	SV25316040	100.8
6	SV25316060	177.5

Note: 600 lb. Flanged End Valve Available Upon Request



Series 34834
Forged Carbon Steel
Gate Valve

- OS&Y
- Reduced port
- Class 800
- A105 forged carbon steel body
- Bolted bonnet
- Nace MR-01-75 compliant



Size in	Part Number		Weight lb
	Threaded	Socket Weld	
1/4	SV34834TE002	-	4.9
3/8	SV34834TE003	-	4.9
1/2	SV34834TE004	SV34834SW004	4.9
3/4	SV34834TE006	SV34834SW006	5.3
1	SV34834TE010	SV34834SW010	9.00
1-1/4	SV34834TE012	SV34834SW012	12.5
1-1/2	SV34834TE014	SV34834SW014	15.5
2	SV34834TE020	SV34834SW020	24.0



Series 34836
Forged 316L Stainless
Steel Gate Valve

- OS&Y
- Reduced port
- Class 800
- A182 / 316L stainless steel body
- Bolted bonnet
- Nace MR-01-75 compliant



Size in	Part Number		Weight lb
	Threaded	Socket Weld	
1/2	SV34836TE004	SV34836SW004	4.9
3/4	SV34836TE006	SV34836SW006	5.3
1	SV34836TE010	SV34836SW010	9.3
1-1/4	SV34836TE012	SV34836SW012	12.5
1-1/2	SV34836TE014	SV34836SW014	15.5
2	SV34836TE020	SV34836SW020	24.0



Series 44834
Forged Carbon Steel
Globe Valve

- Class 800
- A105 forged carbon steel body and bonnet
- Bolted bonnet
- Nace MR-01-75 compliant



Size in	Part Number		Weight lb
	Threaded	Socket Weld	
1/4	SV44834TE002	-	5.0
3/8	SV44834TE003	-	5.0
1/2	SV44834TE004	SV44834SW004	5.0
3/4	SV44834TE006	SV44834SW006	5.2
1	SV44834TE010	SV44834SW010	9.5
1-1/4	SV44834TE012	SV44834SW012	12.7
1-1/2	SV44834TE014	SV44834SW014	17.2
2	SV44834TE020	SV44834SW020	27.5



Series 44836
Forged 316L Stainless
Steel Globe Valve

- Class 800
- A182 / 316L forged stainless steel body and bonnet
- Bolted bonnet
- Nace MR-01-75 compliant



Size in	Part Number		Weight lb
	Threaded	Socket Weld	
1/2	SV44836TE004	SV44836SW004	5.0
3/4	SV44836TE006	SV44836SW006	5.2
1	SV44836TE010	SV44836SW010	9.5
1-1/4	SV44836TE012	SV44836SW012	12.7
1-1/2	SV44836TE014	SV44836SW014	17.2
2	SV44836TE020	SV44836SW020	27.5



Series 24834
Forged Carbon Steel
Piston Check Valve

- Class 800
- A105 forged carbon steel body
- Bolted cover
- Nace MR-01-75 compliant



Size in	Part Number		Weight lb
	Threaded	Socket Weld	
1/4	SV24834TE002	SV24834SW002	3.1
3/8	SV24734TE003	SV24834SW003	3.1
1/2	SV24834TE004	SV24834SW004	3.3
3/4	SV24834TE006	SV24834SW006	3.7
1	SV24834TE010	SV24834SW010	7.3
1-1/4	SV24834TE012	SV24834SW012	9.2
1-1/2	SV24834TE014	SV24834SW014	9.2
2	SV24834TE020	SV24834SW020	13.1



Series 24836
316L Stainless Steel
Piston Check Valve

- Class 800
- A182 / 316L forged stainless steel body
- Bolted cover
- Nace MR-01-75 compliant



Size in	Part Number		Weight lb
	Threaded	Socket Weld	
1/4	SV24836TE002	SV24836SW002	3.1
3/8	SV24836TE003	SV24836SW003	3.1
1/2	SV24836TE004	SV24836SW004	3.3
3/4	SV24836TE006	SV24836SW006	3.7
1	SV24836TE010	SV24836SW010	7.3
1-1/4	SV24836TE012	SV24836SW012	9.2
1-1/2	SV24836TE014	SV24836SW014	9.2
2	SV24836TE020	SV24836SW020	13.1



Series 24834SC
Forged Carbon Steel
Swing Check Valve

- Class 800
- A105 forged carbon steel body
- Bolted cover
- Nace MR-01-75 compliant



Size in	Part Number		Weight lb
	Threaded	Socket Weld	
1/2	SV24834SCTE004	SV24834SCSW004	3.3
3/4	SV24834SCTE006	SV24834SCSW006	3.7
1	SV24834SCTE010	SV24834SCSW010	7.3
1-1/4	SV24834SCTE012	SV24834SCSW012	9.2
1-1/2	SV24834SCTE014	SV24834SCSW014	9.2
2	SV24834SCTE020	SV24834SCSW020	13.1



Series 24836SC
316L Stainless Steel
Swing Check Valve

- Class 800
- A182 / 316L forged stainless steel body
- Bolted cover
- Nace MR-01-75 compliant



Size in	Part Number		Weight lb
	Threaded	Socket Weld	
1/2	SV24836SCTE004	SV24836SCSW004	3.3
3/4	SV24836SCTE006	SV24836SCSW006	3.7
1	SV24836SCTE010	SV24836SCSW010	7.3
1-1/4	SV24836SCTE012	SV24836SCSW012	9.2
1-1/2	SV24836SCTE014	SV24836SCSW014	9.2
2	SV24836SCTE020	SV24836SCSW020	13.1

Series SVOP54DA6RV & SVOP50DA6RV

**Ductile Iron
Ball Valve, 2-Piece**

- 1000 psi
- Standard port - SVOP54DA6RV
- Full port - SVOP50DA6RV
- Nace MR-01-75 compliant
- Locking device
- Blow-out proof stem



Size in	Part Number		Weight lb
	Standard Port	Full Port	
1	-	SVOP50DA6RV010	4.4
2	SVOP54DA6RV020	SVOP50DA6RV020	10.4/16.7
3	SVOP54DA6RV030	SVOP50DA6RV030	20.0/40.7
4	SVOP54DA6RV040	-	39.7

Series SVOP50DB6RV & SVOP54DB6DV

**Ductile Iron
Ball Valve, 2-Piece**

- 2000 psi
- Full port - SVOP50DB6RV
- Standard port - SVOP54DB6RV
- Nace MR-01-75 compliant
- Locking device
- Blow-out proof stem



Size in	Part Number		Weight lb
	Standard Port	Full Port	
3/4	SVOP50DB6RV006	-	3.7
1	SVOP50DB6RV010	SVOP54DB6DV010	4.5/3.9
1 1/2	SVOP50DB6RV014	-	6.8
2	SVOP50DB6RV020	SVOP54DB6DV020	12.8/10.4
2 1/2	SVOP50DB6RV024	-	20.1
3	SVOP50DB6RV030	SVOP54DB6DV030	39.7/20.0
4	SVOP50DB6RV040	SVOP54DB6DV040	52.7/29.4

Series SVOP54CC6DV & SVOP50CC6DV

**Carbon Steel
Ball Valve, 2-Piece**

- 3000 psi
- Standard port - SVOP54CCDV
- Full port - SVOP50CC6DV
- Nace MR-01-75 compliant
- Locking device
- Blow-out proof stem



Size in	Part Number		Weight lb
	Standard Port	Full Port	
1	-	SVOP50CC6DV010	4.5
2	SVOP54CC6DV020	SVOP50CC6DV020	12.8
3	-	SVOP50CC6DV030	20.1

Series SVOP54DN6RV

**Ductile Iron
Ball Valve, 2-Piece**

- 1500 psi
- Standard port
- Nace MR-01-75 compliant
- Locking device
- Blow-out proof stem



Size in	Part Number		Weight lb
	Threaded		
2	SVOP54DN6RV020		10.4
3	SVOP54DN6RV030		12.8

Series SVOP54CQ6DV

**Carbon Steel
Ball Valve, 2-Piece**

- 2500 psi
- Standard port
- Nace MR-01-75 compliant
- Locking device
- Blow-out proof stem



Size in	Part Number		Weight lb
	Threaded		
2	SVOP54CQ6DV020		12.8

Series SVOP54CE6DV & SVOP50CE6DV

**Carbon Steel
Ball Valve, 2-Piece**

- 5000 psi
- Standard port - SVOP54CE6DV
- Full port - SVOP50CE6DV
- Nace MR-01-75 compliant
- Locking device
- Blow-out proof stem



Size in	Part Number		Weight lb
	Standard Port	Full Port	
1	-	SVOP50CE6DV010	4.5
2	SVOP54CE6DV020	-	12.8



**Series OP20CC6VV
Carbon Steel Swing
Check Valve**

- Carbon steel body
- 720, 1440, 2160, 3000 psi
- Nace MR-01-75 compliant
- 316 stainless steel one-piece hanger and disc
- Full flow when open
- Top entry swing check



**Series OP20DB6VV
Ductile Iron Swing
Check Valve**

- Ductile iron body
- 300, 600, 720, 750, 1000, 1440, 1500, 2000 psi
- Nace MR-01-75 compliant
- 316 stainless steel one-piece hanger and disc
- Full flow when open
- Top entry swing check

Size in	Pressure psi	Part Number	Weight lb
		Threaded	
1	720	SVOP20CC6VV010720	6.5
1	1440	SVOP20CC6VV0101440	6.5
1	2160	SVOP20CC6VV0102160	6.5
1	3000	SVOP20CC6VV0103000	6.5
2	720	SVOP20CC6VV020720	12.0
2	1440	SVOP20CC6VV0201440	12.0
2	2160	SVOP20CC6VV0202160	12.0
2	3000	SVOP20CC6VV0203000	12.0
3	720	SVOP20CC6VV030720	33.0
3	1440	SVOP20CC6VV0301440	33.0
3	2160	SVOP20CC6VV0302160	33.0
3	3000	SVOP20CC6VV0303000	33.0

Size in	Pressure psi	Part Number	Weight lb
		Threaded	
1	300	SVOP20DB6VV010300	6.0
1	600	SVOP20DB6VV010600	6.0
1	720	SVOP20DB6VV010720	6.0
1	750	SVOP20DB6VV010750	6.0
1	1000	SVOP20DB6VV0101000	6.0
1	1440	SVOP20DB6VV0101440	6.0
1	1500	SVOP20DB6VV0101500	6.0
1	2000	SVOP20DB6VV0102000	6.0
2	300	SVOP20DB6VV020300	11.7
2	600	SVOP20DB6VV020600	11.7
2	720	SVOP20DB6VV020720	11.7
2	750	SVOP20DB6VV020750	11.7
2	1000	SVOP20DB6VV0201000	11.7
2	1440	SVOP20DB6VV0201440	11.7
2	1500	SVOP20DB6VV0201500	11.7
2	2000	SVOP20DB6VV0202000	11.7
3	300	SVOP20DB6VV030300	27.8
3	600	SVOP20DB6VV030600	27.8
3	720	SVOP20DB6VV030720	27.8
3	750	SVOP20DB6VV030750	27.8
3	1000	SVOP20DB6VV0301000	27.8
3	1440	SVOP20DB6VV0301440	27.8
3	1500	SVOP20DB6VV0301500	27.8
3	2000	SVOP20DB6VV0302000	27.8
4	300	SVOP20DB6VV040300	59.5
4	600	SVOP20DB6VV040600	59.5
4	720	SVOP20DB6VV040720	59.5
4	750	SVOP20DB6VV040750	59.5
4	1000	SVOP20DB6VV0401000	59.5
4	1440	SVOP20DB6VV0401440	59.5
4	1500	SVOP20DB6VV0401500	59.5
4	2000	SVOP20DB6VV0402000	59.5

**Order On-Line
at www.smithcooper.com**

API 608



Series 80/89

3-Piece Standard/ Full Port Ball Valve

- Class 800 1/4" - 2-1/2"
- Class 300 3" - 4"
- Size Range - 1/4" to 4" (3" Series 89)
- Materials: 316 Stainless Steel, Carbon Steel, Alloy 20
- Ends: Threaded NPT & BSPT, Socket Weld & Butt Weld, Flanged 150#, 300#, 600#
- Pressure up to 3000 PSI*
- Temperature -50° to 550° F*
- ASME B16.34 Design
- NACE MR0175 Compliant
- Bottom Entry Live Loaded Stem
- High Cycle Stem Packing
- Encapsulated Body Bolts and Seals
- Integral ISO 5211 Mounting Pad
- Lockable Lever, Oval & Tamper-Proof Handle
- Encapsulated Body Seal
- Weldable in line without disassembly of ends
- Integral Fugitive Emission Body Optional

API 608



Series 74

Flanged Standard Port Ball Valve

- ASME B 16.34
- ASME B 16.5
- Size Range: 1" to 4"
- Materials: 316 Stainless Steel, Carbon Steel, Alloy 20
- Ends: 150#, 300# Flanged
- Pressure up to 720 PSI*
- Temperature Up to 550° F*
- NACE MR0175 Compliant
- Blowout Proof Stem
- Bottom Entry Line Loaded Stem
- Integral ISO 5211 Mounting Pad
- Variety of Seats and Seals
- Lockable Lever Handle Standard
- Extended or Oval Handle Optional
- Tamper Proof Locking Device Optional
- Integral Fugitive Emission Body Optional

* Dependent on Seat Material

API 608



Series 70

Flanged 2-Piece Full Port Ball Valve

- ASME B 16.34
- ASME B 16.5
- Full Port
- Size Range: 1/2" to 4"
- Materials: 316 Stainless Steel, Carbon Steel, Alloy 20
- Ends: 150#, 300# Flanged
- Pressure up to 720 PSI*
- Temperature Up to 550° F*
- NACE MR0175 Compliant
- Blowout Proof Stem
- Bottom Entry Line Loaded Stem
- Integral ISO 5211 Mounting Pad
- Variety of Seats and Seals
- Lockable Lever Handle Standard
- Extended or Oval Handle Optional
- Tamper Proof Locking Device Optional
- Integral Fugitive Emission Body Optional



**Call Your Sharpe High
Performance Specialist Direct
(877) 774-2773**

* Size limitations

Series V84

V-Port Control Valve

- Port: 15° V, 30° V or 60° V
(Special Configurations Available)
- Size range 1/4" to 4"
- Available in 316 Stainless Steel, Carbon Steel, Alloy 20, Hastelloy C and Monel
- Ends: NPT, SW, BW; 150#, 300#, 600# Flanged
- Pressure: Vacuum to 3000 PSI*
- Temperature: -50° to 600° F*
- 3-Piece Design
- Bottom Entry Live Loaded Stem
- High Cycle Stem Packing
- Encapsulated Body Bolts
- Variety of Seats and Seals
- "No Play" Coupling
- Integral ISO 5211 Mounting Pad
- Metal Seats Available for Slurry and High Temperatures Applications
- Weldable in-line without disassembly of ends



* Size limitations

Series 11

2-Piece Direct Mount Ball Valve

- Full Port
- Size Range - 1/4" to 2"
- NPT Ends
- CWP 1000psi
- Max Temperature 425° F
- Integral ISO 5211 Direct Mounting Pad
- For use with Pneumatic or Electric Actuators
- Compact Dependable Automated Assemblies
- Live Loaded Multiple Packing Stem Seal
- Lockable Lever Handle Standard
- 316 Stainless Steel, Carbon Steel
- Oval Handle Optional



* Shown with 4x4 pneumatic actuator

Series 12

2-Piece Direct Mount Ball Valve

- Full Port
- Size Range - 1/4" to 2"
- NPT Ends
- CWP 2000psi
- Max Temperature 500° F
- 316 Stainless Steel, Carbon Steel
- Heavy Duty Stem
- Integral ISO 5211 Direct Mounting Pad
- For use with Pneumatic or Electric Actuators
- In-service Adjustable Stem Packing
- Compact Dependable Automated Assemblies
- Live Loaded Stem with 4 Belleville Washers
- Lockable Lever Handle Standard
- Oval Handle Optional



* Shown with SPNII pneumatic actuator

Series 13

3-Piece Direct Mount Ball Valve

- Full Port
- Size Range - 1/4" to 4"
- NPT, SW, BW Ends
- CWP 1000psi - 1/4" to 2"
- CWP 600psi - 2 1/2" to 4"
- Max Temperature 450° F
- 316 Stainless Steel, Carbon Steel
- Integral ISO 5211 Direct Mounting Pad
- For use with Pneumatic or Electric Actuators
- In-service Adjustable Stem Packing
- Compact Dependable Automated Assemblies
- Live Loaded Stem with 4 Belleville Washers
- Lockable Lever Handle Standard
- Oval Handle Optional



* Shown with SPNII pneumatic actuator

**Series SPNII
Pneumatic Actuator**

- Traditional Two-piston rack and pinion design
- Available in Double Acting and Spring Return configurations
- Hard Anodized Aluminum body with Epoxy Coated End Caps, optional Nickel Infused coating for sanitary applications
- Standard Temperature Range with Buna O-Rings: -4°F to 180°F
- Kits for low temp (-40°F to 80°F) or high temperature (+5°F to 300°F)
- Industry Standard ISO 5211 drilling and NAMUR patterns
- Bi-Directional Travel Stops for $\pm 5^\circ$ adjustment for precise control
- Pinion is specially designed with inserts that allows for Direct Mounting capabilities to Butterfly Valves that have Square, Double D, or Keyed shaft designs
- Adapter plates available, allows for mounting to different industry standard bolt circles


**Series 4x4
4 Piston Pneumatic Actuator**

- Unique Four-piston rack and pinion design
- Anodized Interior and Exterior aluminum body with Epoxy Coated End Caps
- Industry Standard ISO 5211 drilling and NAMUR patterns
- Multi-Function Visual Indicator can be used for Three-Way indication
- Bi-Directional Travel Stops for $\pm 5^\circ$ adjustment for precise control
- Available in Double Acting and Spring Return configurations
- Nested spring sets, with appropriate centering rings on piston face and end caps
- Four Pistons allow for shorter travel and faster response times
- Reduced size means less air consumption, reducing costs with quicker response
- Generates more torque for reduced cost, size and air consumption
- Pinion is supported by four pistons; as a result, piston side load is minimized


**SEA Electric Actuator
Enclosure:**

- NEMA 4X: Waterproof and dust-proof enclosure
- Material: Powder coated aluminum alloy

Motor:

- Standard extended duty cycle induction motor
- Built-in thermal protection (275°F) prevents motor burning out
- Standard Unit is 120 VAC
- Standard motors are 30% duty rated

Position Indicator:

- All models have continuous mechanical position indicator on the top of the actuator cover

Manual Override:

- Non-clutch design, upon power outage the manual override can be operated without lever, clutch or brake
- When electric motor is operating, manual hand-wheel will not rotate for safety purposes

Certifications:

- CE
- CSA (Conforming to the test standard for outdoor use)


Limit Switch

- Rugged powder coated aluminum enclosure
- UL / CE rated enclosure
- UL / CSA / CE rated switch elements
- NEMA 4 / 4X and NEMA 7/9 enclosures
- Shatterproof dome
- Various NAMUR brackets available
- Cams and bearings on shaft are splined to allow quick adjustment and protect against the effects of vibration
- Mechanical or proximity switch elements available
- Printed circuit board allows for quick, safe and easy wiring
- Solenoid terminations inside enclosure eliminates extra cost


Soleoids

- Aluminum Body
- NBR Seats
- Manual Override
- High Flow: 1.8 CV
- 1/2" Conduit Connection to Coil
- 1/4" Port Size
- Changeable between Double Acting and Spring Return
- Coils are rated by CSA / UL
- Same Body accepts NEMA 4, NEMA 7, and ATEX Coils
- Voltage Options Available Upon Request





V200 Positioner

- Housing Material is cast aluminium with polyester coating
- Flat pointed indicator or raised indicator (red/green or yellow/black)
- One housing for pneumatic or electropneumatic
- Optional gauges
- Optional range spring
- Variety of cams available
- Variety of spindles available
- External zero + span adjustment without removing the cover
- Five pilot options
- Explosion-proof, gas approved, fail-freeze, 0-5 VDC and 0-10 VDC options available
- Variety of feedback options



D400 Digital Positioner

- Microprocessor based valve positioner
- Menu driven programming with LCD display - multilingual
- Local push button configuration
- Low air consumption
- Explosion-proof & intrinsically safe modes available
- Modular design - available with position feedback, micro switches and fail freeze options, rotary or linear mounting
- NEMA 4X IP 65 enclosure, aluminum housing, electrostatically dipped varnish with stove-hardened epoxy resin
- Adaptive control feature offers the ability to update automation package without resetting the process
- Linear mounting possible
- ATEX - FM - CSA - IEC - Ex approvals available
- Available with Foundation Fieldbus, Profi-Bus and Hart Protocols



Sharpe® Valves - part of the SCI ProPak™ System