

**Series 58B74**  
Carbon Steel Ball Valve

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



| Size<br>in | Part Number | Weight<br>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
- Lever, Tee or oval handles



| Size<br>in | Part Number | Weight<br>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<br>in | Part Number | Weight<br>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<br>in | Part Number | Weight<br>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
- Lever or oval handles




| Size<br>in | Part Number  | Packing |        | Weight<br>lb |
|------------|--------------|---------|--------|--------------|
|            | Threaded     | 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
- Lever or oval handles



| Size<br>in | Part Number | Weight<br>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         |

 **WARNING:** Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## 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<br>in | Part Number | Weight<br>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         |

## 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<br>in | Part Number | Weight<br>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         |

**Series 50C747**  
Carbon Steel Ball Valve,  
Seal Weld

- 3000 lb. CWP
- Full port
- Two-piece seal welded
- Anti-static device
- Locking device
- Blow-out proof stem
- 17-4 PH stem



| Size<br>in | Part Number |                | Weight<br>lb |
|------------|-------------|----------------|--------------|
|            | Threaded    | Socket Weld    |              |
| 1/4        | SV50C747002 | SV50C747PSW002 | 0.9          |
| 3/8        | SV50C747003 | SV50C747PSW003 | 0.8          |
| 1/2        | SV50C747004 | SV50C747PSW004 | 1.0          |
| 3/4        | SV50C747006 | SV50C747PSW006 | 2.4          |
| 1          | SV50C747010 | SV50C747PSW010 | 3.5          |
| 1-1/4      | SV50C747012 | SV50C747PSW012 | 5.1          |
| 1-1/2      | SV50C747014 | SV50C747PSW014 | 8.5          |
| 2*         | SV50C747020 | SV50C747PSW020 | 9.6          |
| 3          | SV50C747030 | SV50C747PSW030 | 13.7         |

\* Standard port

**Series 50C767**  
316 Stainless Steel Ball  
Valve, Seal Weld

- 3000 lb. CWP
- Full port
- Two-piece seal welded
- Anti-static device
- Locking device
- Blow-out proof stem
- 17-4 PH stem



| Size<br>in | Part Number |                | Weight<br>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         |

\* Standard port

**Series 50F747**  
Carbon Steel Ball Valve,  
Seal Welded

- 6000 lb. CWP
- Full port
- Two-piece seal welded
- Anti-static device
- Locking device
- Blow-out proof stem
- 17-4 PH Stem



| Size<br>in | Part Number | Weight<br>lb |
|------------|-------------|--------------|
|            | Threaded    |              |
| 1/4        | SV50F747002 | 1.2          |
| 3/8        | SV50F747003 | 1.1          |
| 1/2        | SV50F747004 | 1.5          |
| 3/4        | SV50F747006 | 2.8          |
| 1          | SV50F747010 | 4.9          |
| 1-1/4      | SV50F747012 | 7.4          |
| 1-1/2      | SV50F747014 | 12.1         |
| 2*         | SV50F747020 | 14.7         |

\* Standard port

**Series 50F767**  
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
- 17-4 PH Stem



| Size<br>in | Part Number | Weight<br>lb |
|------------|-------------|--------------|
|            | Threaded    |              |
| 1/4        | SV50F767002 | 1.2          |
| 3/8        | SV50F767003 | 1.1          |
| 1/2        | SV50F767004 | 1.5          |
| 3/4        | SV50F767006 | 2.8          |
| 1          | SV50F767010 | 4.9          |
| 1-1/4      | SV50F767012 | 7.4          |
| 1-1/2      | SV50F767014 | 12.1         |
| 2*         | SV50F767020 | 14.7         |

\* Standard port



### 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<br>in | Part Number  |              | Weight<br>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<br>in | Part Number  |              | Weight<br>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<br>in | Part Number  |              | Weight<br>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

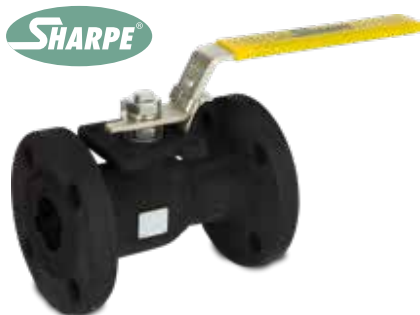
- 1000 lb. CWP 1/4" - 2"
- 600 lb. CWP 2 1/2" - 4"
- Full port
- RTFE seat
- Locking device
- Blow-out proof stem
- Actuator mounting pad
- Lever or oval handles



| Size<br>in | Part Number  |              | Weight<br>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<br>in | Part Number | Weight<br>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<br>in | Part Number | Weight<br>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<br>in | Part Number | Weight<br>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<br>in | Part Number | Weight<br>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<br>in | Part Number    | Weight<br>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<br>in | Part Number  |              | Weight<br>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<br>in | Part Number  |              | Weight<br>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<br>in | Part Number  |              | Weight<br>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](http://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<br>in | Part Number  |              | Weight<br>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<br>in | Part Number  |              | Weight<br>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<br>in | Part Number  |              | Weight<br>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<br>in | Part Number  |              | Weight<br>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<br>in | Part Number  |              | Weight<br>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<br>in | Part Number  |              | Weight<br>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<br>in | Part Number    |                | Weight<br>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<br>in | Part Number    |                | Weight<br>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 & SVOP54DB6RV**

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       | SVOP54DB6RV010 | SVOP50DB6RV010 | 3.9/4.5   |
| 1 1/2   | -              | SVOP50DB6RV014 | 6.8       |
| 2       | SVOP54DB6RV020 | SVOP50DB6RV020 | 10.4/12.8 |
| 2 1/2   | -              | SVOP50DB6RV024 | 20.1      |
| 3       | SVOP54DB6RV030 | SVOP50DB6RV030 | 20.0/39.7 |
| 4       | SVOP54DB6RV040 | SVOP50DB6RV040 | 29.4/52.7 |

**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  
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**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

\* Dependent on Seat Material

**API 608**



**Series 74**

**Flanged Standard Port Ball Valve**

- ASME B 16.34
- ASME B 16.5
- 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

\* Size limitations

**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

**API 607**



**Series FS50/FS54**

**Fire Safe Ball Valve**

- Fire Safe API 607 4th Edition
- ASME B 16.34
- Standard Port - FS54
- Full Port - FS50
- Uni-body - FS54
- Size Range: 1-1/2" to 4" - FS54
- Size Range: 1/2" to 12"
- Blowout Proof Stem
- Materials: 316 Stainless Steel, Carbon Steel, Alloy 20
- Blow-Out Proof Stems
- Anti-Static Configuraton
- Live-Load Stem Seals
- Fully Encapsulated Body Seals
- Slotted Seat Design
- Floating Ball Design
- NACE MR0175 Compliant
- Integral ISO 5211 Mounting Pad
- Variety of Seats and Seals
- Lockable Lever Handle

\* 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



### Solenoids

- 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