

CERTIFICATE OF CONFORMANCE

- **SERIES 70 High Performance Flanged Full Port Ball Valves Class 150/300**
Design to API 608 5th ed. & ASME B16.34; Flanges conform to ASME B16.5; Face to Face dimension conforms to ASME B16.10; ISO 5211 Mounting Dimensions; Inspection and test to API 598.
- **SERIES FS70 High Performance Flanged Full Port Ball Valves Class 150/300**
Design to API 608 5th ed. & ASME B16.34; Flanges conform to ASME B16.5; Face to Face dimension conforms to ASME B16.10; Fire Type Testing Requirements conform to API 607 6th Edition; ISO 5211 Mounting Dimensions; Inspection and test to API 598.
- **SERIES C70 High Performance Cryogenic Flanged Full Port Ball Valves Class 150/300**
Basic design to ASME B16.34; Flanges conform to ASME B16.5; Face to Face dimension conforms to ASME B16.10; ISO 5211 Mounting Dimensions; Inspection and test to API 598.
- **SERIES 80/89 High Performance 3 Piece Ball Valves Class 300/800**
Design to API 608 5th ed. & ASME B16.34; Socket weld and threaded ends conform to ASME B16.11; Flange ends conform to ASME B16.5; Butt weld ends conform to ASME B16.25; ISO 5211 Mounting Dimensions; Inspection and test to API 598.
- **SERIES FS80/FS89 High Performance 3 Piece Ball Valves Class 300/800**
Design to API 608 5th ed. & ASME B16.34; Socket weld and threaded ends conform to ASME B16.11; Flange ends conform to ASME B16.5; Butt weld ends conform to ASME B16.25; Fire Type Testing Requirements conform to API 607 6th Edition; ISO 5211 Mounting Dimensions; Inspection and test to API 598.
- **SERIES C80/C89 High Performance Cryogenic 3 Piece Ball Valves Class 300/600**
Basic design to ASME B16.34; Socket weld and threaded ends conform to ASME B16.11; Flange ends conform to ASME B16.5; Butt weld ends conform to ASME B16.25; ISO 5211 Mounting Dimensions; Inspection and test to API 598.
- **SERIES 74 High Performance Flanged Standard Port Ball Valves Class 150/300**
Design to API 608 5th ed. & ASME B16.34; Flanges conform to ASME B16.5; Face to Face dimension conforms to ASME B16.10; ISO 5211 Mounting Dimensions; Inspection and test to API 598.
- **SERIES FS74 High Performance Flanged Standard Port Ball Valves Class 150/300**
Design to API 608 5th ed. & ASME B16.34; Flanges conform to ASME B16.5; Face to Face dimension conforms to ASME B16.10; Fire Type Testing Requirements conform to API 607 6th Edition; ISO 5211 Mounting Dimensions; Inspection and test to API 598.

- SERIES C74 High Performance Cryogenic Flanged Standard Port Ball Valves Class 150/300
Basic design to ASME B16.34; Flanges conform to ASME B16.5; Face to Face dimension conforms to ASME B16.10; ISO 5211 Mounting Dimensions; Inspection and test to API 598.
- SERIES 84/99 High Performance 3 Piece Ball Valves Class 300/600
ASME B16.34 compliant; Socket weld and threaded ends conform to ASME B16.11; Flange ends conform to ASME B16.5; Butt weld ends conform to ASME B16.25; ISO 5211 Mounting Dimensions; Inspection and test to ASME B16.34.
- SERIES FS84/FS99 Fire Safe High Performance 3 Piece Ball Valves Class 600
ASME B16.34 compliant; Socket weld and threaded ends conform to ASME B16.11; Flange ends conform to ASME B16.5; Butt weld ends conform to ASME B16.25; Fire Type Testing Requirements conform to API 607 4th Edition; ISO 5211 Mounting Dimensions; Inspection and test to ASME B16.34.
- SERIES CL84/CL99/CL50 Chlorine Ball Valves
In addition to the standard requirements of ASME B16.34; Valves meet specifications of Chlorine Institute Pamphlet 6, Piping System for Dry Chlorine.
- SERIES W84/W99/W50 Ball Valves Class 300/600 For Steam Services
ASME B16.34 compliant. Socket Weld and Threaded ends conform to ASME B16.11; Flange ends conform to ASME B16.5; Butt weld ends conform to ASME B16.25; ISO 5211 Mounting Dimensions; Inspection and test to ASME B16.34.
- SERIES FB84/FB99 Flush Bottom Ball Valves Class 300/600
Socket Weld and Threaded ends conform to ASME B16.11; Flange ends conform to ASME B16.5; Butt weld ends conform to ASME B16.25; ISO 5211 Mounting Dimensions; Test to ASME B16.34.
- SERIES D84/D99 HIGH PERFORMANCE 3 PIECE DIVERTER VALVES Class 300/600
Design and manufacture to MSS-SP-110; Socket Weld and Threaded ends conform to ASME B16.11; Flange ends conform to ASME B16.5; Butt weld ends conform to ASME B16.25; ISO 5211 Mounting Dimensions; Test to ASME B16.34.
- SERIES V84 V-Ported High Performance 3 Piece Ball Valves Class 300/600
ASME B16.34 compliant. ANSI Class VI Shut Off; Socket weld and threaded ends conform to ASME B16.11; Flange ends conform to ASME B16.5; Butt weld ends conform to ASME B16.25; ISO 5211 Mounting Dimensions; Inspection and test to ASME B16.34
- SERIES 60 High Pressure Ball Valves 3 Piece Ball Valves Class 2500
Socket Weld and Threaded ends conform to ASME B16.11; Flange ends conform to ASME B16.5; Butt weld ends conform to ASME B16.25; Test to ASME B16.34

- SERIES 88 High Purity Tube Full Port 3 Piece Ball Valves
Design and manufacture to MSS-SP-110; Threaded ends conform to ASME B16.11. Tubing ends and Tri-clamp ends conform to ASME BPE-2009 Bioprocessing Equipment; ISO 5211 Mounting Dimensions; Test to ASME B16.34.
- SERIES D88 High Purity Tube Full Port Diverter Ball Valves
Design and manufacture to MSS-SP-110; Threaded ends conform to ASME B16.11. Tubing ends and Tri-clamp ends conform to ASME BPE-2009 Bioprocessing Equipment; ISO 5211 Mounting Dimensions; Test to ASME B16.34.
- SERIES 66 High Purity Tube Full Port 3 Piece Ball Valves
Design and manufacture to MSS-SP-110; Threaded ends conform to ASME B16.11; Tubing ends and Tri-clamp ends conform to ASME BPE-2009 Bioprocessing Equipment; ISO 5211 Mounting Dimensions; Test to ASME B16.34.
- SERIES N66 High Purity Tube Full Port 3 Piece Ball Valves
Design and Manufacture to MSS-SP-110; Threaded ends conform to ASME B16.11; Tubing ends and Tri-clamp ends conform to ASME BPE-2009 Bioprocessing Equipment; Test to ASME B16.34.
- SERIES 86 Instrumentation 3 Piece Tube Full Port Ball Valves
Design and Manufacture to MSS-SP-110; Optional threaded ends conform to ASME B16.11; Optional Tubing ends and Tri-clamp ends conform to ASME BPE-2009 Bioprocessing Equipment; Test to ASME B16.34.
- SERIES M70 Metal Seated High Performance Full Port Ball Valves Class 150/300
Design to API 608 5th ed. & ASME B16.34. Flanges conform to ASME B16.5; Face to Face dimension conforms to ASME B16.10; Test to ANSI/FCI 70-2, API 598.
- SERIES M80/M89 Metal Seated High Performance Full Port Ball Valves Class 800
Design to API 608 5th ed. & ASME B16.34. Socket weld and threaded ends conform to ASME B16.11; Flange ends conform to ASME B16.5; Butt welding ends conform to ASME B16.25. Test to ANSI/FCI 70-2, API 598.
- SERIES FS54 Flanged Standard Port Ball Valves Class 150/300
ASME B16.34 compliant; Flange ends conform to ASME B16.5; Face to face conforms to ASME B16.10; Fire Type Testing Requirements conform to API 607 4th Edition; ISO 5211 Mounting Dimensions; Test to ASME B16.34.
- SERIES 54 Flanged Standard Port Ball Valves Class 150
ASME B16.34 compliant; Flange ends conform to ASME B16.5; Face to face conforms to ASME B16.10; ISO 5211 Mounting Dimensions; Test to ASME B16.34.

- SERIES D54 Flanged Diverter Ball Valves Class 150/300
Flange ends conform to ASME B16.5; Face to face conforms to ASME B16.10; ISO 5211 Mounting Dimensions; Test to ASME B16.34.
- SERIES FS50 Flanged Standard Port Ball Valves Class 150/300/600
ASME B16.34 compliant; Flange ends conform to ASME B16.5; Face to face conforms to ASME B16.10; Fire Type Testing Requirements conform to ANSI/API 607 4th Edition; ISO 5211 Mounting Dimensions; Test to ASME B16.34.
- SERIES 50 Flanged Standard Port Ball Valves Class 150
ASME B16.34 compliant; Flange ends conform to ASME B16.5; Face to face conforms to ASME B16.10; ISO 5211 Mounting Dimensions; Test to ASME B16.34.
- SERIES 75 High Performance Sanitary Multi-Port Ball Valves
Design and Manufacture to MSS-SP-110; Threaded ends conform to ASME B16.11; Tubing ends and Tri-clamp ends conform ASME BPE-2009 Bioprocessing Equipment; Test to ASME B16.34.
- SERIES 76 High Performance 3 & 4 Way Ball Valves
Design and Manufacture to MSS-SP-110; Threaded ends conform to ASME B16.11; Test to ASME B16.34.
- SERIES 77 High Performance 3 & 4 Way Ball Valves
Design and Manufacture to MSS-SP-110; Socket weld and threaded ends conform to ASME B16.11; Butt weld ends conform to ASME B16.25; Flange ends conform to ASME B16.5; Tubing ends and Tri-clamp ends conform to ASME BPE-2009 Bioprocessing Equipment; Test to ASME B16.34.
- SERIES 50B7 Seal Weld Threaded Ends Full Port Valves
Design and Manufacture to MSS-SP-110; Threaded ends conform to ASME B16.11; NACE MR-0175; Test to ASME B16.34.
- SERIES 50C7 Seal Weld 3000# Ball Valves
Design and Manufacture to ASME B16.34; Threaded ends conform to ASME B16.11; NACE MR-0175-2002; Test to ASME B16.34.
- SERIES 50F7 Seal Weld 6000# Ball Valves
Design and Manufacture to ASME B16.34 CL2500; Threaded ends conform to ASME B16.11; NACE MR-0175-2002; ISO 5211 Mounting Dimensions; Test to ASME B16.34.
- SERIES 5457 Seal Weld Threaded Standard Port Valves
Design and Manufacture to MSS-SP-110. Threaded ends conform to ASME B16.11; Test to ASME B16.34.

- SERIES 15 Sanitary Butterfly Valves
Tubing ends and Tri-clamp ends conform ASME BPE-2009 Bioprocessing Equipment; Test to API 598.
- SERIES 17 Butterfly Valves
Compliant to MSS-SP-67 and API 609; Engineered to be used with ANSI B16.1 Class 125 (Iron) and ANSI B16.5 (Steel) Class 150 Flanges; MSS-SP-25 Marking; ISO 5211 Mounting Pad.
- SERIES 5303 3 Pc. Socket Full Port Ball Valve
Design and Manufacture to MSS-SP-110; Butt Weld Ends conform to ASME B16.25; Socket weld and threaded ends conform to ASME B16.11; ISO 5211 Mounting Dimensions; Test to ASME B16.34.
- SERIES 3903 3 Pc. Socket Full Port Ball Valves
Design and Manufacture to MSS-SP-110; Socket weld and threaded ends conform to ASME B16.11; Test to ASME B16.34.
- SERIES 50M76 Threaded Full Port Ball Valves
Design and Manufacture to MSS-SP-110; Threaded Ends conform to ASME B16.11; Test to ASME B16.34.
- SERIES 10 Brass Full Port Ball Valves
Design and Manufacture to MSS-SP-110; Threaded Ends conform to ASME B16.11; Test to ASME B16.34.
- SERIES 11 Direct Mount 2Piece Ball Valve
Design and Manufacture to MSS-SP-110; Threaded Ends conform to ASME B16.11; ISO 5211 Mounting Dimensions; Test to ASME B16.34.
- SERIES 12 High Performance Direct-Act Ball Valve.
Design and Manufacture to MSS-SP-110; Threaded Ends conform to ASME B16.11; ISO 5211 Mounting Dimensions; Test to ASME B16.34.
- SERIES 13 Direct-Act 3 Piece Ball Valves.
Design and Manufacture to MSS-SP-110; Socket Weld and threaded ends to ASME B16.11; Butt Weld Ends conform to ASME B16.25; ISO 5211 Mounting Dimensions; Test to ASME B16.34.
- SERIES 58876 Threaded Reduced Port Ball Valves.
Design and Manufacture to MSS-SP-110; Threaded Ends conform to ASME B16.11; Test to ASME B16.34.
- SERIES 25 Cast Steel Flanged Swing Check Valves 150#/300#/600#
Design to ASME B16.34; Flange ends conform to ASME B16.5; Face to Face Conform to ASME B16.10; Butt Weld Ends Conform to ASME B16.25; Inspection and test to API 598.

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- SERIES 25 Stainless Steel Flanged Swing Check Valves 150#/300#
Design to ASME B16.34; Flange ends conform to ASME B16.5; Face to Face Conform to ASME B16.10; Butt Weld Ends Conform to ASME B16.25; Inspection and test to API 598.
- SERIES 35 Cast Steel Flanged Gate Valves 150#/300#/600#
Design to API600/ASME B16.34; Flange ends conform to ASME B16.5; Face to Face Conform to ASME B16.10; Butt Weld Ends Conform to ASME B16.25; Inspection and test to API 598.
- SERIES 35 Stainless Steel Flanged Gate Valves 150#/300#
Design to API603/ASME B16.34; Flange ends conform to ASME B16.5; Face to Face Conform to ASME B16.10; Butt Weld Ends Conform to ASME B16.25; Inspection and test to API 598.
- SERIES 45 Cast Steel Flanged Globe Valves 150#/300#/600#
Design to ASME B16.34; Flange ends conform to ASME B16.5; Face to Face Conform to ASME B16.10; Butt Weld Ends Conform to ASME B16.25; Inspection and test to API 598.
- SERIES 45 Stainless Steel Flanged Globe Valves 150#/300#
Design to ASME B16.34; Flange ends conform to ASME B16.5; Face to Face Conform to ASME B16.10; Butt Weld Ends Conform to ASME B16.25; Inspection and test to API 598.
- SERIES 24834 Forged Carbon Steel Class 800 Swing or Piston Check Valves
Design to API 602-9th Edition; Socket weld end to ASME B16.11; Threaded ends conform to ANSI B1.20.1; NACE MR-0175; Test to API 598.
- SERIES 24836 Forged Stainless Steel Swing or Piston Check Valves Class 800
Design to API 602-9th Edition; Socket weld end to ASME B16.11; Threaded ends conform to ANSI B1.20.1; NACE MR-0175; Test to API 598.
- SERIES 34834 Forged Carbon Steel Gate Valves Class 800
Design to API 602-9th Edition; Socket weld end to ASME B16.11; Threaded ends conform to ANSI B1.20.1; NACE MR-0175; Test to API 598.
- SERIES 34836 Forged Stainless Steel Gate Valves Class 800
Design to API 602-9th Edition; Socket weld end to ASME B16.11; Threaded ends conform to ANSI B1.20.1; NACE MR-0175; Test to API 598.
- SERIES 44834 Forged Carbon Steel Globe Valves Class 800
Design to API 602-9th Edition; Socket weld end to ASME B16.11; Threaded ends conform to ANSI B1.20.1; NACE MR-0175; Test to API 598.
- SERIES 44836 Forged Stainless Steel Globe Valves Class 800
Design to API 602-9th Edition; Socket weld end to ASME B16.11; Threaded ends conform to ANSI B1.20.1; NACE MR-0175; Test to API 598

- SERIES 20276 Threaded Swing Check Valves
Design and Manufacture to MSS-SP-110; Threaded ends conform to ASME B16.11; Test to ASME B16.34.
- SERIES 30276 Threaded Gate Valves
Design and Manufacture to MSS-SP-110; Threaded ends conform to ASME B16.11; Test to ASME B16.34.
- SERIES 40276 Threaded Globe Valves
Design and Manufacture to MSS-SP-110; Threaded ends conform to ASME B16.11; Test to ASME B16.34.
- SERIES 58B74 1 Piece Uni-Body Ball Valve
Design and Manufacture to MSS-SP-110; Threaded ends conform to ASME B16.11; NACE MR-1075-2002; Test to ASME B16.34.

Note:

- ASC Engineered Solutions - Sharpe® Valves facility is Certified ISO 9001:2015
 - Scope: The design and manufacture of valves. The distribution of pipe, valves, fittings, actuators and accessories.