



MARS SANITARY BALL VALVES

YOUR BEST CHOICE FOR HIGH PURE PROCESS APPLICATIONS

APPLICATIONS :

Pharmaceutical, Biotechnology, Food & Beverage, Semiconductor, Paint Systems, Vacuum Systems, High Purity Gases & Water, Cosmetics and Chemicals

DESIGN FEATURES :

- True tube straight-through full port design minimizes pressure drop, and eliminates trap areas.
- Live loading stem packing system provides high cycles life and positive sealing
- 3-piece swing-out design allows in-line maintenance
- Bottom entry blow-out proof stem
- Purge ports for CIP/SIP are available on high performance ball valves

ECONOMICAL AND HIGH PERFORMANCE, MANUAL AND ACTUATED SERVICE, WE HAVE ALL YOUR NEEDS FOR PURE PROCESS LINES



Size Range : 1/2" ~ 4"
 Valve Materials : 316L Stainless Steel
 Ball & Stem : 316L Stainless Steel
 Seat Materials : PTFE, R-PTFE
 PTFE Cavity Filler
 UHMWPE

SERIES 88SN HIGH PERFORMANCE 3-PIECE SANITARY BALL VALVES

- ISO 5211 Direct Mount Pad
Allows for direct mounting of actuator to valves, no mounting hardware required.
- Maintenance free live loaded double sealing stem packing ensures high cycles life and positive sealing
- True Tube Full Port Design
- Fully enclosed bolting facilitates cleaning
- 3-Piece Swing-Out Design, Easy In-Line Maintenance
- Blow-Out Proof Stem
- Ball valves comply with standards:
ISO 5211, ANSI B16.11, MSS SP-25, MSS SP-55
- MTRs / 3.1B Certificate are available on request.



End Connections : Tri-Clamp
 Tube Butt Weld
 Options : Purge Ports, Actuation
 316 S.S. Construction



Size Range : 1/2" ~ 2"
 Valve Materials : 316L Stainless Steel
 Ball & Stem : 316L Stainless Steel
 Seat Materials : PTFE, R-PTFE
 PTFE Cavity Filler
 UHMWPE

SERIES 83SN HIGH PERFORMANCE 3-PIECE SANITARY BALL VALVES

- Mounting Pad to DIN 3337 / ISO 5211
- Maintenance free live loaded double sealing stem packing ensures high cycles life and positive sealing
- True Tube Full Port Design
- Fully enclosed bolting facilitates cleaning
- 3-Piece Swing-Out Design, Easy In-Line Maintenance
- Blow-Out Proof Stem
- Ball valves comply with standards:
ISO 5211, ANSI B16.11, MSS SP-25, MSS SP-55
- MTRs / 3.1B Certificate are available on request



End Connections : Tri-Clamp
 Tube Butt Weld
 Options : Purge Ports, Actuation
 316 S.S. Construction



Size Range : 1/2" ~ 4"
 Valve Materials : 316L Stainless Steel
 Ball & Stem : 316L Stainless Steel
 Seat Materials : PTFE, R-PTFE
 PTFE Cavity Filler
 UHMWPE

SERIES 77SN HIGH PERFORMANCE 3-PIECE SANITARY BALL VALVES

- ISO 5211 Direct Mount Pad
Allows for direct mounting of actuator to valves, no mounting hardware required.
- Maintenance free live loaded double sealing stem packing ensures high cycles life and positive sealing.
- True Tube Full Port Design
- 3-Piece Swing-Out Design, Easy In-Line Maintenance
- Blow-Out Proof Stem
- Ball valves comply with standards: ISO 5211, ANSI B16.11, MSS SP-25, MSS SP-55
- MTRs / 3.1B Certificate are available on request



End Connections : Tri-Clamp
 Tube Butt Weld
 Options : Purge Ports, Actuation
 316 S.S. Construction



Size Range : 1/2" ~ 4"
 Valve Materials : 316 Stainless Steel
 Ball & Stem : 316 Stainless Steel
 Seat Materials : PTFE, R-PTFE
 PTFE Cavity Filler
 UHMWPE

SERIES 78SN ECONOMICAL 3-PIECE SANITARY BALL VALVES

- ISO 5211 Direct Mount Pad
Allows for direct mounting of actuator to valves, no mounting hardware required.
- Live loading high cycles stem packing
- Double O-Ring Stem Bearing maintains stem alignment, and reduces packing side loading and wear.
- True Tube Full Port Design
- 3-Piece Swing-Out Design, Easy In-Line Maintenance
- Blow-Out Proof Stem
- MTRs / 3.1B Certificate are available on request



End Connections : Tri-Clamp
 Tube Butt Weld
 Options : 316L S.S. Construction
 Actuation



Size Range : 1/2" ~ 4"
 Valve Materials : 316 Stainless Steel
 Ball & Stem : 316 Stainless Steel
 Seat Materials : PTFE, R-PTFE
 PTFE Cavity Filler
 UHMWPE

SERIES 52SN ECONOMICAL 3-PIECE SANITARY BALL VALVES

- Economical and Compact Design
- True Tube Full Port Design
- Blow-Out Proof Stem
- 3-Piece Swing-Out Design, Easy In-Line Maintenance
- MTRs / 3.1B Certificate are available on request



End Connections : Tri-Clamp
 Tube Butt Weld
 Options : 316L S.S. Construction