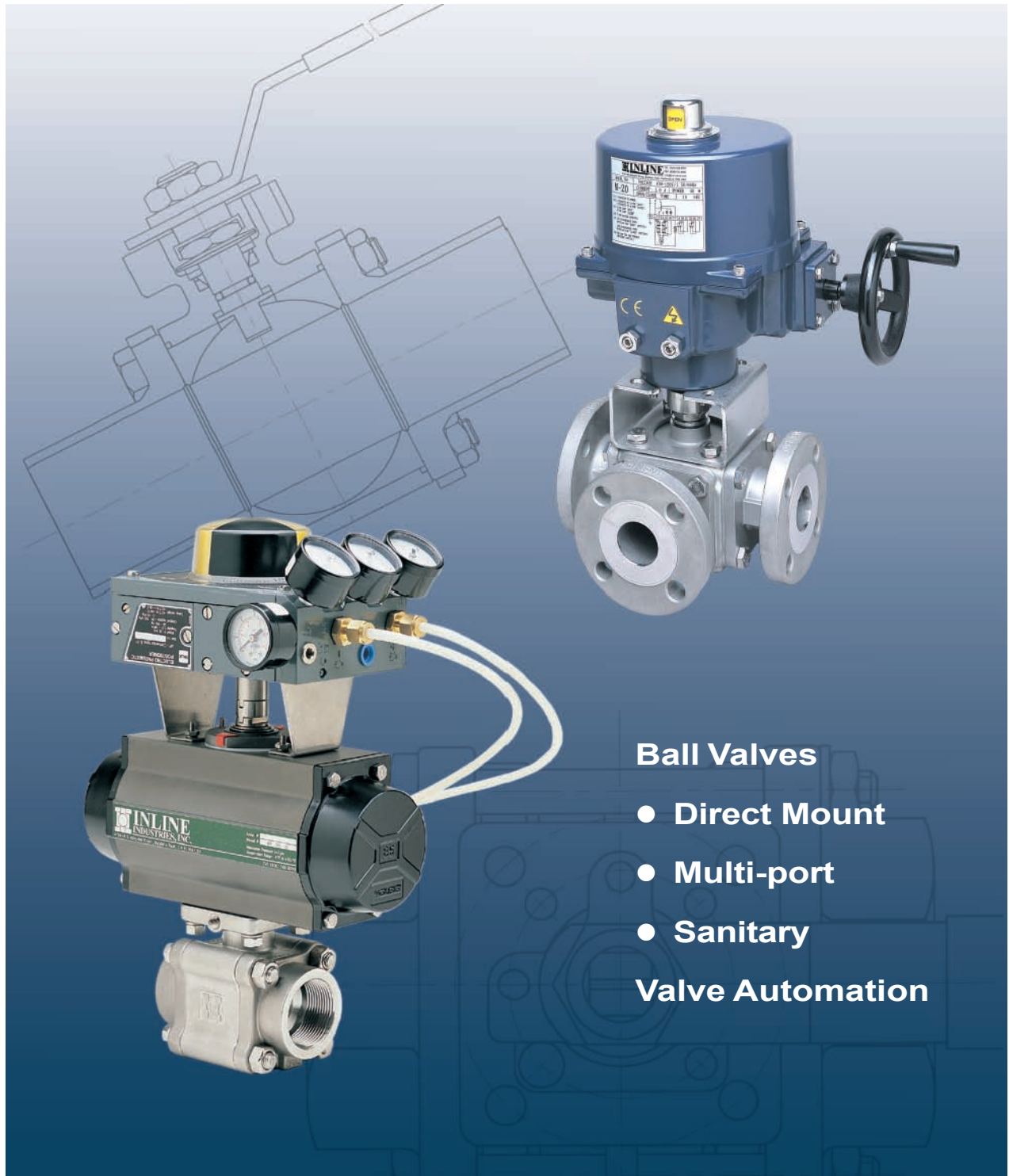


Valve Products



Ball Valves

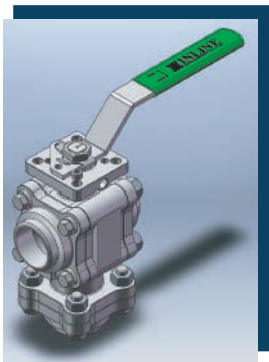
- Direct Mount
- Multi-port
- Sanitary

Valve Automation



Inline has been supplying innovative valve solutions to the process industry for nearly twenty years. Our extensive line of ball valves is widely recognized for innovative design, reliable and consistent performance and exceptional value. Inline valves are designed and tested to the industry's highest standards, supported

by knowledgeable and responsive technical sales professionals, and are usually available from stock from the large inventory we maintain for your just-in-time needs.



Innovation

Inline is committed to developing industry-leading process solutions. We introduced high-cycle ISO 5211 direct mount technology to the U.S. market — a design now used industry-wide. Innovations like this are a corner-stone of the Inline design philosophy. Our line of fire safe, control, multi-port and high purity ball valves carries on this tradition. Coupled with our custom engineered products, we provide system designers with more process control options than ever before.

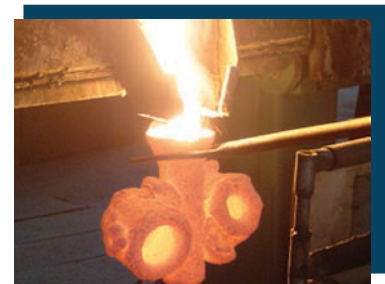
Reliability

Inline designs, builds and tests valves to a wide range of national and international standards including ASME B16.34, BPE, 3A, and NACE.

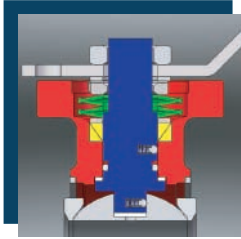


Our ISO 9001-2008 quality control process insures that the products we supply are tested and ready for service.

Inline is a licensed 3-A Symbol holder, is certified to use the CE marking for EU markets, and carries validated CRN numbers for Canada.



Consistent Performance



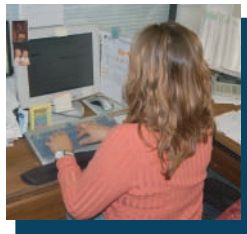
Inline valves provide long-lasting, trouble-free service with live-loaded, high-cycle stem seals standard on a wide range of high performance valves for high purity, high pressure, high temperature, cryogenic, vacuum,

and many other process applications. As a manufacturer, we can provide customers with these same high quality products year after year and, when it finally comes time to replace worn parts, we have repair kits that fit.



Product Support

We stand behind our products with a responsive sales and technical support team ready to assist you with product information, pricing, valve selection and automation. Detailed technical drawings and test reports are readily available for all of your system design and documentation needs. Current product information can be found on our website at www.ballvalve.com.



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*For Detailed Product Information
Please Visit
www.ballvalve.com*

Industrial



109S
1-Piece Flanged Ball Valve

Standard Port
2" to 6"
ANSI Class 150/300
A351 Gr. CF8M, A216 Gr. WCB
Seats: RTFE (15% CF)
Ends: RF Flg 150/300



209F
2-Piece Flanged Ball Valve

Full Port
1/2" to 12"
ANSI Class 150/300
A351 Gr. CF8M, A216 Gr. WCB
Seats: RTFE (15% CF)
Ends: RF Flg 150/300



302F
3-Piece Ball Valve

Full Port
1/4" to 3"
Up to 1000 PSI CWP
A351 Gr. CF8M, A216 Gr. WCB
Seats: RTFE (15% GF)
Ends: NPT, BW Sch 5/10/40,
SW, RF Flg 150/300,
Grv, Compr, Tk Bottom



304F
3-Piece Ball Valve

Full Port
1/4" to 4"
Up to 1000 PSI CWP
A351 Gr. CF8M, WCB (Ends Only)
Seats: RTFE (15% CF)
Ends: NPT, BW Sch 5/10/40,
SW, RF Flg 150/300,
Grv, Compr, Tk Bottom



334
3-Piece Ball Valve

Full / Standard Port
1/4" to 2-1/2"
Up to ANSI Class 900
A351 Gr. CF8M, A216 Gr. WCB
Seats: RTFE (15% CF)
Ends: NPT, BW Sch 10/40/80,
SW, Compr, Tk Bottom,
Grv, RF Flg 150-900



364
Diverter Ball Valve

Full / Standard Port
1/4" to 2-1/2"
Up to ANSI Class 900
A351 Gr. CF8M
Seats: TFM
Ends: NPT, BW Sch 10/40/80,
SW, Grv, Compr,
RF Flg 150-900



505F
3/4/5-Way Ball Valve

Full Port
1/4" to 4"
Up to 1000 PSI CWP
A351 Gr. CF8M
Seats: RTFE (15% CF)
Ends: NPT, BW Sch 10/40, SW,
Grv



509F
3/4/5-Way Flanged Ball Valve

Full Port
1/2" to 4"
ANSI Class 150/300
A351 Gr. CF8M
Seats: RTFE (15% CF)
Ends: RF Flg 150/300

Firesafe



109S
1-Piece Flanged Firesafe Ball Valve

Standard Port
2" to 4"
ANSI Class 150/300
A351 Gr. CF8M, A216 Gr. WCB
Seats: RTFE (15% CF)
Ends: RF Flg 150/300



344
3-Piece Firesafe Ball Valve

Full / Standard Port
1/4" to 2-1/2"
Up to ANSI Class 900
A351 Gr. CF8M, A216 Gr. WCB
Seats: TFM
Ends: NPT, BW Sch 10/40/80,
SW, Compr, Tk Bottom,
Grv, RF Flg 150-900



346
3-Piece Firesafe Ball Valve

Full / Standard Port
1/4" to 2-1/2"
Up to 4000 PSI CWP
A351 Gr. CF8M, A216 Gr. WCB
Seats: Delrin AF
Ends: NPT, SW, BW Sch 80,
SAE, Compr,
RF Flg 150-1500



347F
3-Piece Firesafe Ball Valve

Tube Full Port
1/4" to 2"
Up to ANSI Class 900
A351 Gr. CF8M, A216 Gr. WCB
Seats: TFM
Ends: Tube OD BW, Ext Tube
OD BW, KF, Tk Bottom

Special Service

High Temperature



**334/344 (Firesafe)
3-Piece Ball Valve**

Full / Standard Port
1/4" to 2-1/2"
Up to ANSI Class 900
A351 Gr. CF8M, A216 Gr. WCB
Seats: Infill
Ends: NPT, BW Sch 10/40/80,
SW, Grv, Compr



**336/346 (Firesafe)
3-Piece Ball Valve**

Full / Standard Port
1/4" to 2-1/2"
Up to 4000 PSI CWP
A351 Gr. CF8M, A216 Gr. WCB
Seats: PEEK
Ends: NPT, BW Sch 10/40/80,
SW, Grv, Compr

High Pressure



**336/346 (Firesafe)
3-Piece Ball Valve**

Full / Standard Port
1/4" to 2-1/2"
Up to 4000 PSI CWP
A351 Gr. CF8M, A216 Gr. WCB
Seats: Delrin AF
Ends: NPT, BW Sch 80, SW,
SAE, Compr



**336 HP
3-Piece Ball Valve**

Full / Standard Port
1/4" to 2-1/2"
Up to ANSI Class 2500
A351 Gr. CF8M, A216 Gr. WCB
Seats: Delrin AF
Ends: NPT, BW Sch 80, SW,
SAE, Compr

Air Safety Exhaust Valve



**201F/202F
2-Piece Ball Valve**

Full Port
1/4" to 2"
150 PSI CWP
A351 Gr. CF8M, A216 Gr. WCB
Seats: RTFE (15% GF)
Ends: NPT



**204F
2-Piece Ball Valve**

Full Port
1/4" to 2"
150 PSI CWP
A351 Gr. CF8M
Seats: RTFE (15% CF)
Ends: NPT



**302F
3-Piece Ball Valve**

Full Port
1/4" to 2"
150 PSI CWP
A351 Gr. CF8M, A216 Gr. WCB
Seats: RTFE (15% GF)
Ends: NPT, BW Sch 5/10/40,
SW, Grv, Compr,
RF Flg 150



**304F
3-Piece Ball Valve**

Full Port
1/4" to 2"
150 PSI CWP
A351 Gr. CF8M
Seats: RTFE (15% CF)
Ends: NPT, BW Sch 5/10/40,
SW, Grv, Compr,
RF Flg 150

Control Valve



**324/344 (Firesafe)
3-Piece Control Valve**

Full / Standard Port
1/4" to 2-1/2"
Up to ANSI Class 600
A351 Gr. CF8M, A216 Gr. WCB
Seats: Infill x 30°, 60°, 1/8" Slotted
Ends: NPT, BW Sch 10/40/80,
SW, Grv, Compr,
RF Flg 150/300



**327F/347F (Firesafe)
3-Piece Control Valve**

Tube Full Port
1/2" to 2"
Up to ANSI Class 600
A351 Gr. CF8M, A216 Gr. WCB
Seats: TFM x 30°, 60°, 1/8" Slotted
Ends: CL, Tube OD BW,
Ext Tube OD BW,
Compr, Tk Bottom, KF

Custom Fabrication



- Clean-In-Place
- Double Block and Bleed
- Manifolds
- Special End Connections
- Steam-Jackets
- Stem Extensions



Special Service Cont'd

Tube Compression/Instrumentation



302F
3-Piece Ball Valve

Full Port
1/4" to 1"
Up to 1000 PSI CWP
A351 Gr. CF8M
Seats: RTFE (15% GF)
Ends: Compression



304F
3-Piece Ball Valve

Full Port
1/4" to 1"
Up to 1000 PSI CWP
A351 Gr. CF8M
Seats: RTFE (15% CF)
Ends: Compression



317F
3-Piece Ball Valve

Tube Full Port
1/4" to 1"
Up to 1000 PSI CWP
A351 Gr. CF8M
Seats: PTFE
Ends: Compression



334S/344S (Firesafe)
3-Piece Ball Valve

Standard Port
1/4" to 1"
Up to ANSI Class 900
A351 Gr. CF8M
Seats: RTFE (15% CF)
Ends: Compression



336S/346S (Firesafe)
3-Piece Ball Valve

Standard Port
1/4" to 1"
Up to ANSI Class 1500
A351 Gr. CF8M
Seats: Delrin AF
Ends: Compression



337F
3-Piece Ball Valve

Tube Full Port
1/4" to 1"
Up to 1000 PSI CWP
A351 Gr. CF3M
Seats: TFM
Ends: Compression



364S
Multi-Port Ball Valve

Standard Port
1/4" to 1"
Up to ANSI Class 900
A351 Gr. CF8M
Seats: TFM
Ends: Compression



507F
Multi-Port Ball Valve

Full Port
1/4" to 1"
Up to 1000 PSI CWP
A351 Gr. CF8M
Seats: TFM
Ends: Compression

High Alloy



104R
1-Piece Ball Valve

Reduced Port
1/4"x1/4" to 1/2"x1/2"
800 PSI CWP
A351 Gr. CF8M
Seats: PTFE
Ends: FNPT x MNPT



908
Needle Valve

1/4" to 1"
Up to 6000 PSI CWP
316SS, Carbon Steel
Ends: NPT



289F
2-Piece High Alloy Ball Valve

Full Port
1/2" to 12"
ANSI Class 150/300
Alloy-C (CW12MW), Alloy 20,
254 SMO
Seats: TFM
Ends: RF Flg 150/300



384
3-Piece High Alloy Ball Valve

Full / Standard Port
1/4" to 2-1/2"
Up to 2000 PSI CWP
Alloy-C (CW12MW), Alloy 20,
254 SMO
Seats: TFM
Ends: NPT, SW

Special Service Cont'd

Biopharmaceutical / High Purity / Sanitary



307F
3-Piece Ball Valve

Tube Full Port
1/2" to 4"
Up to 1000 PSI CWP
A351 Gr. CF8M
Seats: PTFE
Ends: CL, Tube OD BW,
Ext Tube OD BW, I-Line,
Compr



317F
3-Piece Ball Valve

Tube Full Port
1/4" to 6"
Up to 1000 PSI CWP
A351 Gr. CF8M
Seats: PTFE
Ends: CL, Tube OD BW,
Ext Tube OD BW, I-Line,
Compr, Tk Bottom, KF



327F/347F (Firesafe)
3-Piece Ball Valve

Tube Full Port
1/4" to 2"
Up to ANSI Class 900
A351 Gr. CF8M
Seats: PTFE
Ends: CL, Tube OD BW,
Ext Tube OD BW, Compr,
Tk Bottom, KF



337F
3-Piece Ball Valve

Tube Full Port
1/4" to 4"
Up to 1000 PSI CWP
A351 Gr. CF3M
Seats: TFM
Ends: CL, Tube OD BW,
Ext Tube OD BW, Compr,
Tk Bottom, KF



367F
3-Piece Diverter Ball Valve

Tube Full Port
1/2" to 2"
Up to 1000 PSI CWP
A351 Gr. CF8M
Seats: TFM
Ends: CL, Tube OD BW,
Ext Tube OD BW, Compr



377F
3-Piece Ball Valve

Tube Full Port
2", 3"
Up to 300 PSI CWP
A351 Gr. CF8M
Seats: PTFE
Ends: CL, Tube OD BW



507F
3/4/5-Way Ball Valve

Full Port
1/2" to 4"
Up to 1000 PSI CWP
A351 Gr. CF8M
Seats: TFM
Ends: CL, Tube OD BW,
Ext Tube OD BW,
Compr



707F
Sanitary Butterfly Valve

Tube Full Port
1" to 4"
Up to 150 PSI CWP
A351 Gr. CF8
Seats: Silicone, Viton, EPDM
Ends: CL, Tube OD BW, I-Line,
Bevel Seat Thread

Tank Bottom



717F
Sanitary Butterfly Valve

Tube Full Port
1" to 6"
Up to 150 PSI CWP
A351 Gr. CF8M
Seats: Silicone, Viton, EPDM
Ends: CL, Tube OD BW, I-Line,
Bevel Seat Thread



302F
3-Piece Ball Valve

Full Port
1" to 3"
Up to 1000 PSI CWP
A351 Gr. CF8M, A216 Gr. WCB
Seats: RTFE (15% GF)
Ends: Tk Bottom x NPT,
BW Sch 5/10/40, SW,
RF Flg 150/300, Grv,
Compr



304F
3-Piece Ball Valve

Full Port
1" to 4"
Up to 1000 PSI CWP
A351 Gr. CF8M
Seats: RTFE (15% CF)
Ends: Tk Bottom x NPT,
BW Sch 5/10/40, SW,
RF Flg 150/300, Grv,
Compr



317F
3-Piece Ball Valve

Tube Full Port
1" to 6"
Up to 1000 PSI CWP
A351 Gr. CF8M
Seats: PTFE
Ends: Tk Bottom x CL,
Tube OD BW,
Ext Tube OD BW, I-Line,
Compr, RF Flg 150/300,
KF

Special Service Cont'd

Tank Bottom Cont'd



**327F/347F (Firesafe)
3-Piece Ball Valve**

Tube Full Port
1" to 2"
Up to ANSI Class 900
A351 Gr. CF8M
Seats: TFM
Ends: Tk Bottom x CL,
Tube OD BW,
Ext Tube OD BW, Compr,
RF Flg 150-900, KF



**334/344 (Firesafe)
3-Piece Ball Valve**

Full / Standard Port
1", 1-1/2", 2"
Up to ANSI Class 900
A351 Gr. CF8M, A216 Gr. WCB
Seats: RTFE (15% CF)
Ends: Tk Bottom x NPT,
BW Sch 5/10/40, SW, Grv,
Compr, RF Flg 150-900



**337F
3-Piece Ball Valve**

Tube Full Port
1" to 4"
Up to 1000 PSI CWP
A351 Gr. CF3M
Seats: TFM
Ends: Tk Bottom x CL,
Tube OD BW,
Ext Tube OD BW, I-Line,
Compr, NPT,
RF Flg 150/300, KF

Diverter & Multiport



**364
3-Piece Diverter Ball Valve**

Full / Standard Port
1/4" to 2-1/2"
Up to Class 900
A351 Gr. CF8M
Seats: RTFE (15% CF)
Ends: NPT, BW Sch 10/40/80,
SW, RF Flg 150-900, Grv,
Compr



**367F
3-Piece Diverter Ball Valve**

Tube Full Port
1/2" to 2"
Up to 1000 PSI CWP
A351 Gr. CF8M
Seats: TFM
Ends: CL, Tube OD BW,
Ext Tube OD BW, Compr,
I-Line



**502S
Diverter Ball Valve**

Standard Port
1/2" to 2"
Up to 1000 PSI CWP
A351 Gr. CF8M
Seats: RTFE (15% GF)
Ends: NPT



**503
3-Way Ball Valve**

Full / Standard Port
1/4" to 2"
Up to 1000 PSI CWP
A351 Gr. CF8M
Seats: RTFE (15% CF)
Ends: NPT



**505F
3/4/5-Way Ball Valve**

Full Port
1/4" to 4"
Up to 1000 PSI CWP
A351 Gr. CF8M
Seats: RTFE (15% CF)
Ends: NPT, BW Sch 10/40,
SW, Grv



**507F
3/4/5-Way Ball Valve**

Full Port
1/2" to 4"
Up to 1000 PSI CWP
A351 Gr. CF8M
Seats: TFM
Ends: CL, Tube OD BW,
Ext Tube OD BW, Compr



**509F
3/4/5-Way Flanged Ball Valve**

Full Port
1/2" to 6"
Up to ANSI Class 300
A351 Gr. CF8M (316)
Seats: RTFE (15% CF)
Ends: RF Flg 150/300



**514
3-Way Ball Valve**

Full / Standard Port
1/4" to 2"
Up to 1000 PSI CWP
A351 Gr. CF8M
Seats: RTFE (15% CF)
Ends: NPT

General Service



101R
1-Piece Ball Valve

Reduced Port
1/4" to 2"
800 PSI CWP
A351 Gr. CF8M (316)
Seats: PTFE
Ends: NPT



102R
1-Piece Ball Valve

Reduced Port
1/4" to 2"
2000 PSI CWP
A351 Gr. CF8M (316)
Seats: RTFE (15% GF)
Ends: NPT



103R
1-Piece Ball Valve

Reduced Port
1/4" to 2"
2000 PSI CWP
S25C - CS
Seats: RTFE (15% GF)
Ends: NPT



104R
1-Piece Ball Valve

Reduced Port
1/4" x 1/4" to 1/2" x 1/2"
800 PSI CWP
A351 Gr. CF8M
Seats: PTFE
Ends: FNPT x MNPT



201F
2-Piece Ball Valve

Full Port
1/4" to 3"
Up to 2000 PSI CWP
A351 Gr. CF8M, A216 Gr. WCB
Seats: RTFE (15% GF)
Ends: NPT



201S
2-Piece Ball Valve

Standard Port
1/4" to 2"
Up to 2000 PSI CWP
A351 Gr. CF8M
Seats: RTFE (15% GF)
Ends: NPT



202F
2-Piece Ball Valve

Full Port
1/4" to 2"
Up to 1000 PSI CWP
A351 Gr. CF8M, A216 Gr. WCB
Seats: RTFE (15% GF)
Ends: NPT



302F
3-Piece Ball Valve

Full Port
1/4" to 3"
Up to 1000 PSI CWP
A351 Gr. CF8M, A216 Gr. WCB
Seats: RTFE (15% GF)
Ends: NPT, BW Sch 5/10/40,
SW, RF Fig 150/300,
Grv, Compr, Tk Bottom



904 / 906
Y-Strainer / Swing Check Valve

1/2" to 2"
600 PSI CWP (904)
200 PSI CWP (906)
A351 Gr. CF8
Ends: NPT



905 / 907
Gate Valve / Globe Valve

1/2" to 2"
200 PSI CWP
A351 Gr. CF8M
Ends: NPT

Available Seat Materials

- 15% Carbon Filled PTFE
- Delrin® AF (PTFE Filled Acetal Homopolymer)
- 50% 316SS Filled PTFE
- TFM (Modified PTFE)
- PTFE and Carbon Filled PEEK
- Vespel®
- 15% Glass Filled PTFE
- Infill (Proprietary Filled PTFE)
- PTFE
- UHMWPE
- PCTFE
- Metal

Seat Options

- Cavity Fillers
- Control Seats
- 1-Piece Seat/Seal

Direct Mount Actuation



204F
2-Piece Ball Valve

Full Port
1/4" to 3"
Up to 1000 PSI CWP
A351 Gr. CF8M
Seats: RTFE (15% CF)
Ends: NPT



304F
3-Piece Ball Valve

Full Port
1/4" to 4"
Up to 1000 PSI CWP
A351 Gr. CF8M, WCB (Ends Only)
Seats: RTFE (15% CF)
Ends: NPT, BW Sch 5/10/40,
SW, RF Flg 150/300, Grv,
Compr, Tk Bottom



327/347F (Firesafe)
3-Piece Ball Valve

Tube Full Port
1/2" to 2"
Up to ANSI Class 900
A351 Gr. CF8M
Seats: TFM
Ends: CL, Tube OD BW, Ext Tube
OD BW, I-Line, Tk Bottom,
Compr, KF



334/344 (Firesafe)
3-Piece Ball Valve

Full / Standard Port
1/4" to 2-1/2"
Up to Class 900
A351 Gr. CF8M, A216 Gr. WCB
Seats: RTFE (15% CF)
Ends: NPT, BW Sch 10/40/80,
SW, Compr, Tk Bottom,
Grv, RF Flg 150-900



337F
3-Piece Ball Valve

Tube Full Port
1/4" to 4"
Up to 1000 PSI CWP
A351 Gr. CF3M
Seats: TFM
Ends: CL, Tube OD BW,
Ext Tube OD BW, Compr,
Tk Bottom, KF



364
Diverter Ball Valve

Full / Standard Port
1/4" to 2-1/2"
Up to Class 900
A351 Gr. CF8M
Seats: RTFE (15% CF)
Ends: NPT, BW Sch 10/40/80,
SW, Grv, Compr,
RF Flg 150-900



367F
3-Piece Diverter Ball Valve

Tube Full Port
1/2" to 2"
Up to 1000 PSI CWP
A351 Gr. CF8M
Seats: TFM
Ends: CL, Tube OD BW
Ext Tube OD BW, Compr



384
3-Piece High Alloy Ball Valve

Full / Standard Port
1/4" to 2-1/2"
Class 900
Alloy-C, Alloy 20, 254 SMO
Seats: TFM
Ends: NPT, SW

Manual Actuation & Accessories



514
3-Way Ball Valve

Full / Standard Port
1/4" to 2"
Up to 1000 PSI CWP
A351 Gr. CF8M (316)
Seats: RTFE (15% CF)
Ends: NPT



Spring Return & Oval Handle



Gear Operator



Limit Switch

Automation and Control

Pneumatic



- Design : 2- and 4-Piston Rack & Pinion, Sanitary (Butterfly Valve)
- Type : Double Acting and Spring Return
- Torque Range : Outputs to over 36,000 in/lbs
- Mounting : ISO 5211 and NAMUR
- Construction : Hard Anodized Aluminum, Stainless Steel
- Options/Accessories : Epoxy Coating, Nickel Plating, Stem Extensions, Mounting Kits, Limit Switches, Proximity Switches, Visual Indicators, Solenoid Valves, Positioners, Fusible Links

Electric



- Torque Range : Outputs to 5,735 in/lbs
- Voltage : 12V AC/DC, 24V AC/DC, 110V AC, 220V AC, 1- or 3-Phase
- Duty Cycle : 25%, 75%, and 100%
- Modulating Signals :

Input - 4-20mA	Output - 4-20mA
1-5V	2-10V
2-10V	
- Enclosure : NEMA 4/4X, 7
- Options/Accessories : Stem Extensions, Mounting Kits, Heaters, Modulating Control Boards, Additional Switches, Thermostats, Spring Return

Modulation and Control



- Type : Pneumatic, Electro Pneumatic, Digital
- Modulating Signals :

Electric Input -	4-20mA	Pneumatic Input -
	1-5V	3-15 psi Instrument Air
	2-10V	
Electric Output -	4-20mA	
	2-10V	
- Options/Accessories : Stem Extensions, Mounting Kits, Heaters, Thermostats,

Inline stocks an extensive inventory of valves, actuators, and accessories.

For product information and pricing

Email: info@ballvalve.com

Phone: 800-568-8998

DIRECT MOUNT



MULTI-PORT



SANITARY



Quality and Reliability - Every Time



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