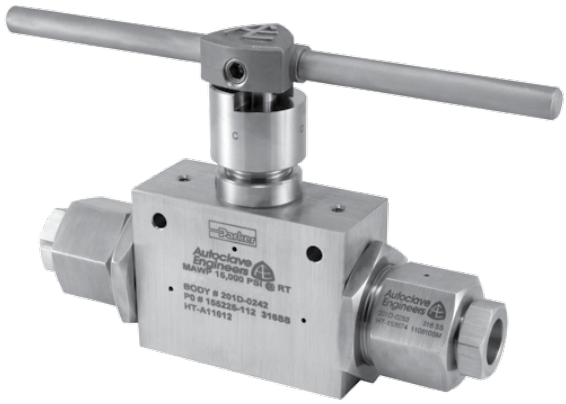
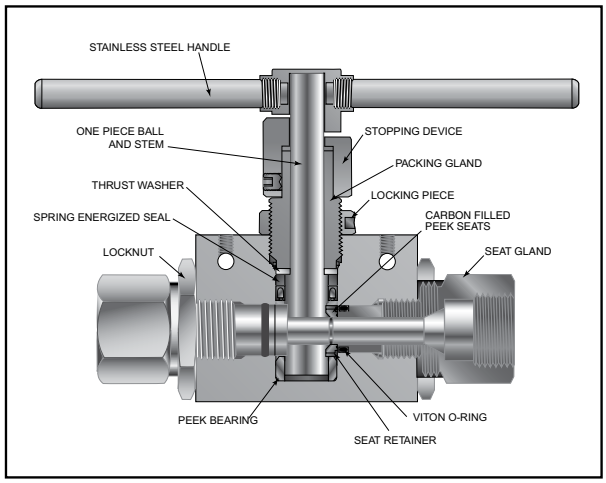
Ball Valves - 2-Way Series (3/4" Orifice)

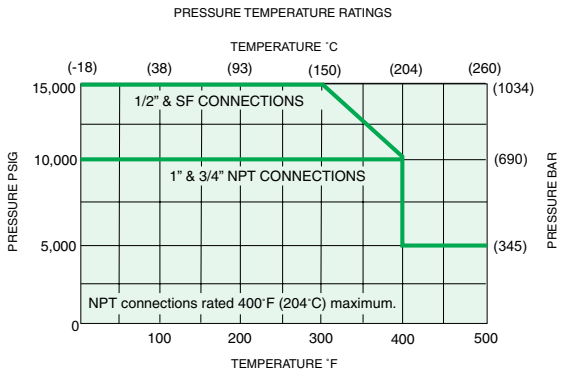
Pressures to 15,000 psi (1034 bar) .750" (19.05mm) Orifice

Connection	MAWP @ Room Temperature	Minimum Orifice Inches (mm)
SF1000CX10	15,000 psi (1034 bar)	.688 (17.48)
1/2" NPT	15,000 psi (1034 bar)	.688 (17.48)
3/4" NPT	10,000 psi (690 bar)	.750 (19.05)
1" NPT	10,000 psi (690 bar)	.750 (19.05)
	Valve C_V=21	

MAWP: Maximum Allowable Working Pressure







Pressure ratings are determined by the end connections chosen, see chart.

NOTE: Ball valves are not recommended for critical gas applications such as Hydrogen, Helium or other small molecular gases.

Ordering Procedure

For complete information on available end connections and material options, see next page. 2-way ball valves are furnished complete with tube or pipe connections.

Typical catalog number: **2B 12 S 15 M16 — XXX**

2B — **Valve Series**
2B: 2-way

12 — **Ball Orifice Diameter**
12-3/4" (19.05 mm)

S — **Material**
S -316SS
(For material options contact factory)

15 — **Pressure (X 1000 psi)**

M16 — **End Connection**
M16 - SF1000CX10
(See Chart on next page)

XXX — **Options**
HT - High Temperature
(Ball Valve Acutators, see next page.)

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End Connection Options

Catalog Number	End Connection Number	Connection	MAWP @ Room Temperature	Seat Gland Hex Inches(mm)
2B12S15M16	M16	SF1000CX10	15,000 psi (1034 bar)	1.88 (47.6)
2B12S15P8	P8	1/2" NPT	15,000 psi (1034 bar)	1.88 (47.6)
2B12S10P12	P12	3/4" NPT	10,000 psi (690 bar)	1.88 (47.6)
2B12S10P16	P16	1" NPT	10,000 psi (690 bar)	1.88 (47.6)

MAWP: Maximum Allowable Working Pressure

See ball valve option/details section for end connection details, material, and high temperature options.

Ball Valve Options

Valve Actuators

Consult Factory

Actuator Operating Temperature:

Pneumatic: 0˚F to 175˚F (-17˚C to 79˚C)

Electric: 0˚F to 160˚F (-17˚C to 71˚C)

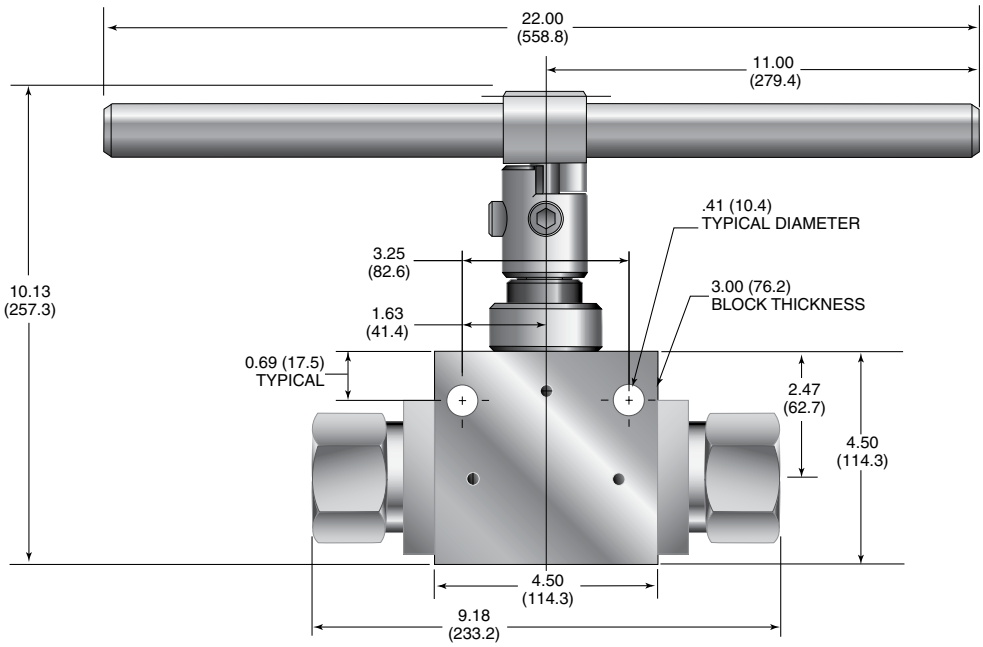
Valve Maintenance

Repair Kits: add "**R**" to the front of valve catalog first 4 numbers for proper repair kit. (Example: **R2B12S**)

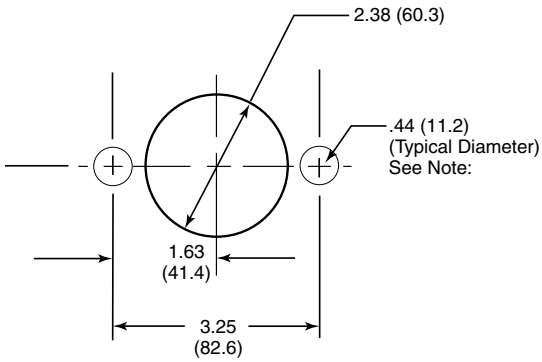
Consult your Parker Autoclave Engineers representative for pricing on repair kits. Refer to the Operation and Maintenance manual for proper maintenance procedures.

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Ball Valve Dimensions - inches (mm)



Ball Valve Panel Mounting Dimensions - inches (mm)



All dimensions are for reference only
and are subject to change without notice.
NOTE: Body mounting 3/8"-16 thread

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