

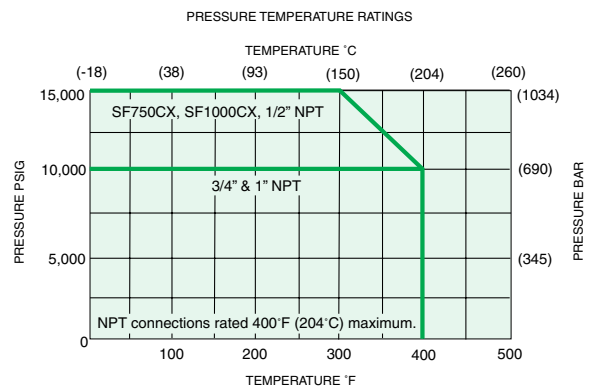
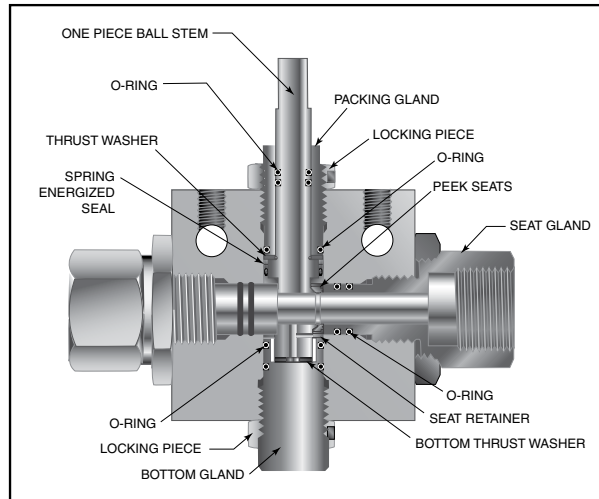
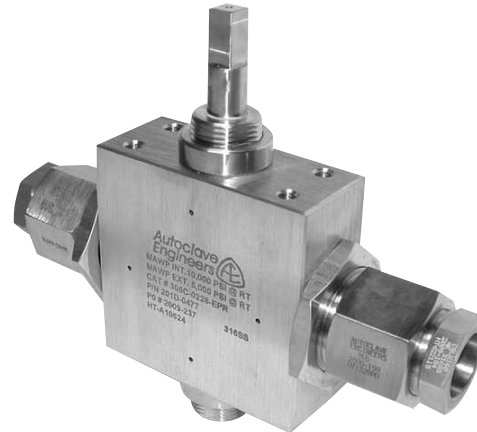
# Ball Valves - 2-Way Subsea Series (3/4" Orifice)

**Pressures to 15,000 psi (1034 bar) .750" (19mm) Orifice**

Connection	MAWP @	
	Room Temperature	Minimum Orifice
SF750CX10	15,000 psi (1034 bar)	.516 (13.10)
SF1000CX10	15,000 psi (1034 bar)	.688 (17.47)
1/2" NPT	15,000 psi (1034 bar)	.688 (17.47)
3/4" NPT	10,000 psi (690 bar)	.75 (19.05)
1" NPT	10,000 psi (690 bar)	.75 (19.05)

Valve C<sub>v</sub>=21

MAWP: Maximum Allowable Working Pressure  
C<sub>v</sub> listed is for maximum orifice size of .750 inch only.  
Consult factory for C<sub>v</sub> of valves with reduced orifice sizes.



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

Maximum temperature rating is determined by the o-ring material (see descriptions below).

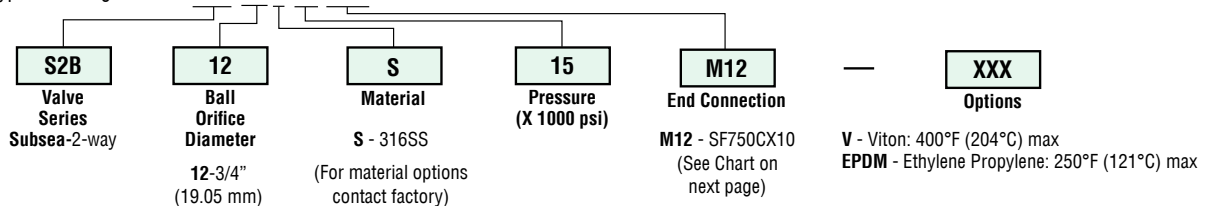
Maximum pressure rating is determined by the end connection (see table above).

**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, see next page. 2-way ball valves are furnished complete with tube or pipe connections. Standard valve has Buna-N o-rings [250°F (121°C)] max.

Typical catalog number: **S2B 12 S 15 M12**

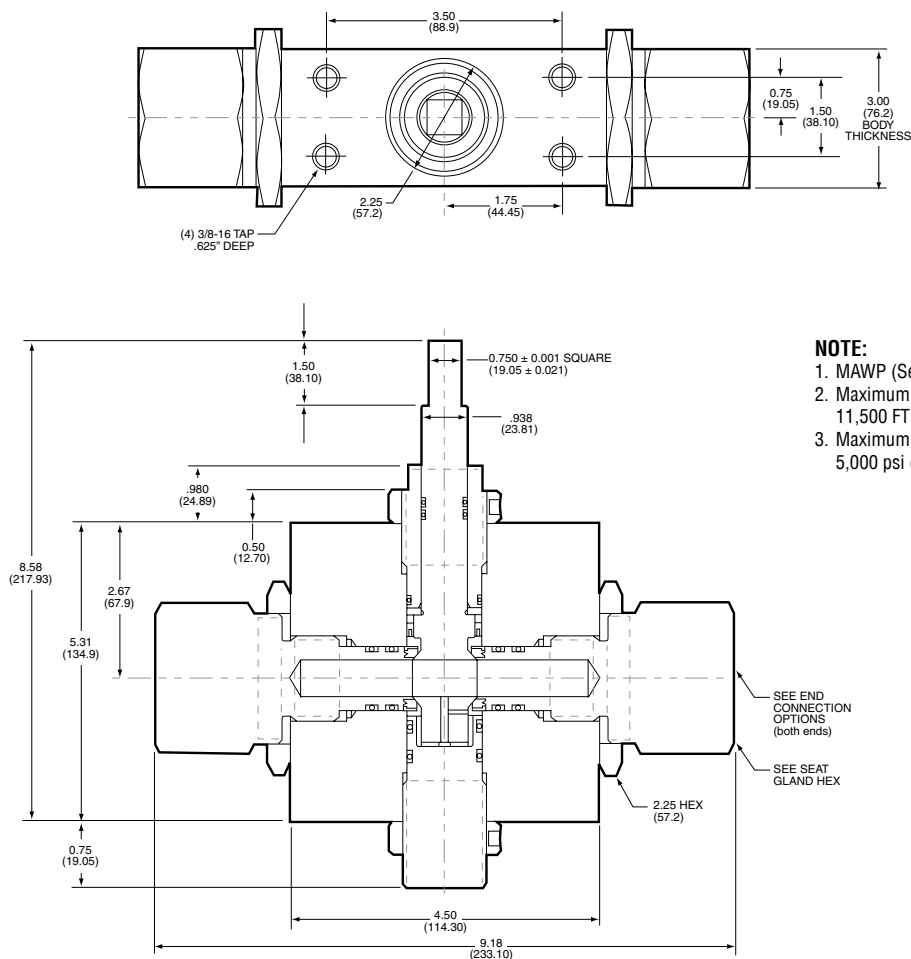


## End Connection Options

Catalog Number	End Connection Number	Connection	MAWP @ Room Temperature	Seat Gland Hex Inches(mm)
S2B12S15M12	M12	SF750CX20	15,000 psi (1034 bar)	1.88 (47.8)
S2B12S15M16	M16	SF1000CX20	15,000 psi (1034 bar)	1.88 (47.8)
S2B12S15P8	P8	1/2" NPT	15,000 psi (1034 bar)	1.88 (47.8)
S2B12S10P12	P12	3/4" NPT	10,000 psi (690 bar)	1.88 (47.8)
S2B12S10P16	P16	1" NPT	10,000 psi (690 bar)	1.88 (47.8)

MAWP: Maximum Allowable Working Pressure

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



**NOTE:**

1. MAWP (See Table)
2. Maximum Sea Depth 11,500 FT (3505 meters)
3. Maximum External Pressure 5,000 psi (345 bar)

Dimensions for reference only and subject to change.