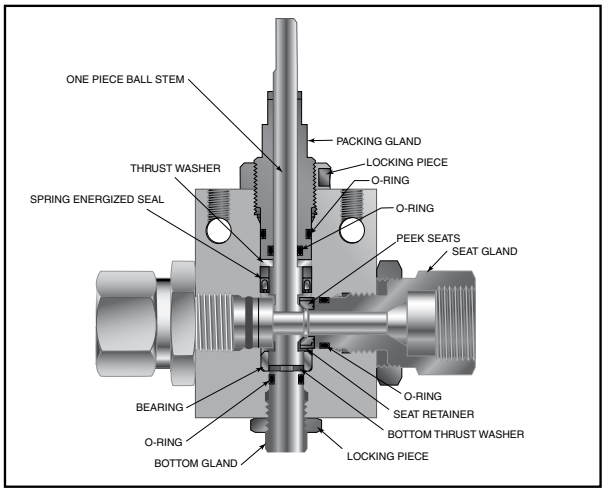
Ball Valves - 2-Way Subsea Series (1/4" Orifice)

Pressures to 20,000 psi (1379 bar) .250" (6.35mm) Orifice

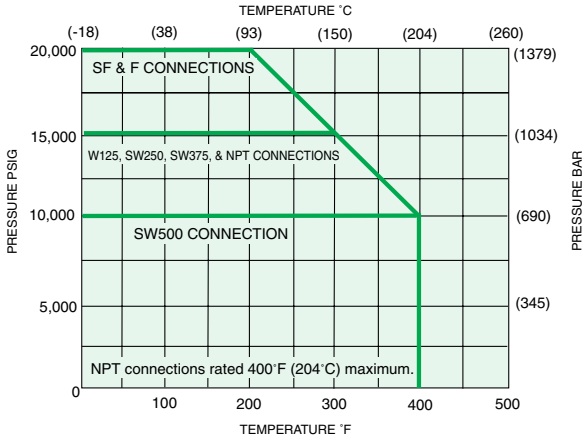
Connection	MAWP @ Room Temperature	Minimum Orifice inches(mm)
W125	15,000 psi (1034 bar)	.094 (2.39)
SW250	15,000 psi (1034 bar)	.128 (3.25)
SW375	15,000 psi (1034 bar)	.250 (6.35)
SW500	10,000 psi (690 bar)	.250 (6.35)
SF250CX20	20,000 psi (1379 bar)	.109 (2.77)
SF375CX20	20,000 psi (1379 bar)	.203 (5.16)
SF562CX20	20,000 psi (1379 bar)	.250 (6.35)
F250C	20,000 psi (1379 bar)	.094 (2.39)
F375C	20,000 psi (1379 bar)	.125 (3.17)
F562C	20,000 psi (1379 bar)	.188 (4.77)
1/8" NPT	15,000 psi (1034 bar)	.250 (6.35)
1/4" NPT	15,000 psi (1034 bar)	.250 (6.35)
3/8" NPT	15,000 psi (1034 bar)	.250 (6.35)
1/2" NPT	15,000 psi (1034 bar)	.250 (6.35)
	Valve C_V=1.51	

MAWP: Maximum Allowable Working Pressure
C_V listed is for maximum orifice size of .250 inches only.
Consult factory for C_V of valves with reduced orifice sizes.





PRESSURE TEMPERATURE RATINGS



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 4 S 20 M9**

S2B — **Valve Series** — **Subsea**-2-way

4 — **Ball Orifice Diameter** — **4**-1/4" (6.35mm)

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

20 — **Pressure (X 1000 psi)**

M9 — **End Connection** — **M9** - SF562CX20 (See Chart on next page)

— **XXX** — **Options**

V - Viton: 400°F (204°C) max
EPDM - Ethylene Propylene: 250°F (121°C) max

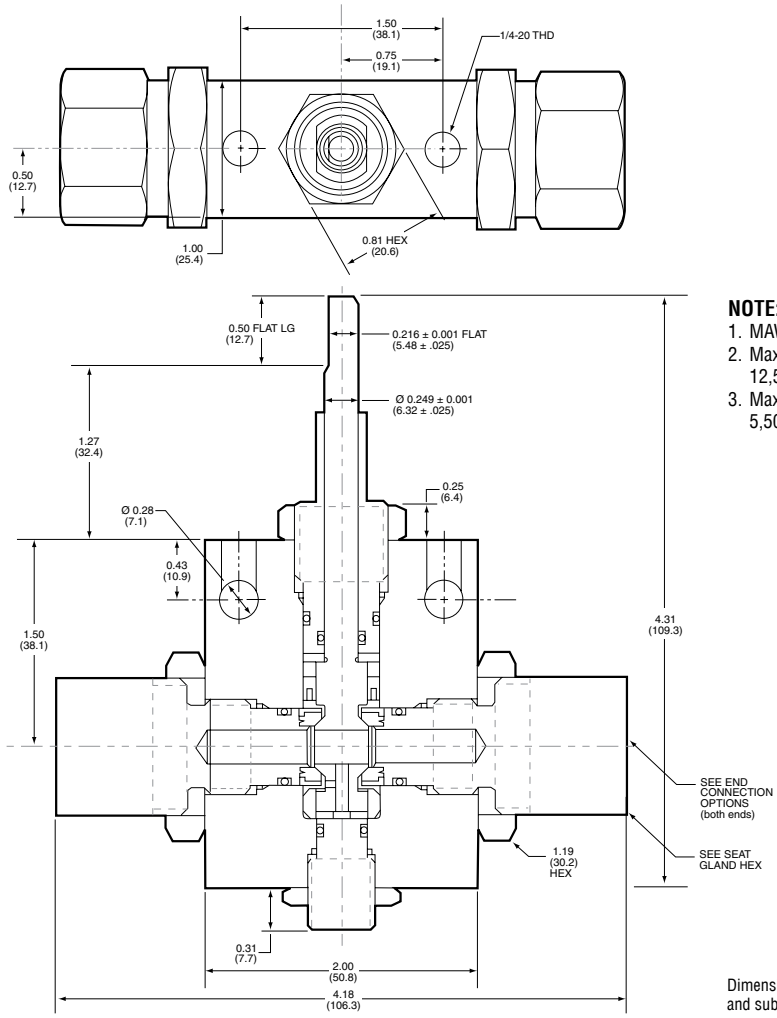
Tel: +45 63 12 83 00 | Email: ps@hymatik.com | www.hymatik.com | Hvidkaervej 27a, DK-5250 Odense SV, Denmark

End Connection Options

Catalog Number	End Connection Number	Connection	MAWP @ Room Temperature	Seat Gland Hex Inches(mm)
S2B4S15L2	L2	W125	15,000 psi (1034 bar)	1 (25.40)
S2B4S15L4	L4	SW250	15,000 psi (1034 bar)	1 (25.40)
S2B4S15L6	L6	SW375	15,000 psi (1034 bar)	1 (25.40)
S2B4S10L8	L8	SW500	10,000 psi (690 bar)	1 (25.40)
S2B4S20M4	M4	SF250CX20	20,000 psi (1379 bar)	1 (25.40)
S2B4S20M6	M6	SF375CX20	20,000 psi (1379 bar)	1 (25.40)
S2B4S20M9	M9	SF562CX20	20,000 psi (1379 bar)	1 (25.40)
S2B4S20H4	H4	F250C	20,000 psi (1379 bar)	1 (25.40)
S2B4S20H6	H6	F375C	20,000 psi (1379 bar)	1 (25.40)
S2B4S20H9	H9	F562C	20,000 psi (1379 bar)	1.38 (35.05)
S2B4S15P2	P2	1/8" NPT	15,000 psi (1034 bar)	1 (25.40)
S2B4S15P4	P4	1/4" NPT	15,000 psi (1034 bar)	1 (25.40)
S2B4S15P6	P6	3/8" NPT	15,000 psi (1034 bar)	1 (25.40)
S2B4S15P8	P8	1/2" NPT	15,000 psi (1034 bar)	1.38 (35.05)

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 12,500 FT (3811 meters)
3. Maximum External Pressure 5,500 psi (379 bar)

Dimensions for reference only and subject to change.

Tel: +45 63 12 83 00 | Email: ps@hymatik.com | www.hymatik.com | Hvidkaervej 27a, DK-5250 Odense SV, Denmark