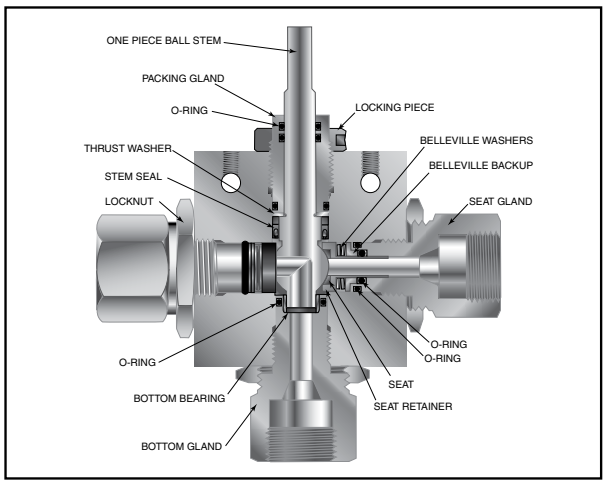
Ball Valves - 3-Way Subsea Series (3/8" Orifice)

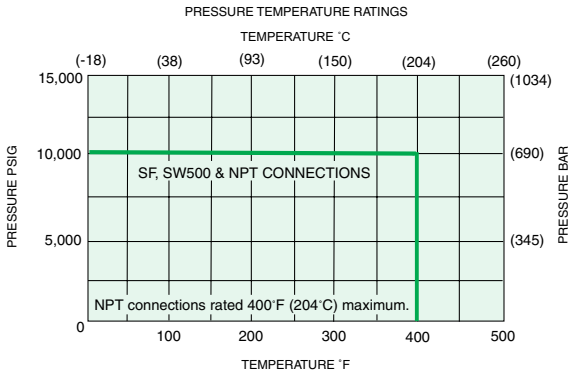
Pressures to 10,000 psi (689 bar) .328" (8.33mm) Orifice

Connection	MAWP @ Room Temperature	Minimum Orifice inches(mm)
SW500	10,000 psi (690 bar)	.328 (8.33)
SF375CX20	10,000 psi (690 bar)	.203 (5.16)
SF562CX20	10,000 psi (690 bar)	.312 (7.92)
SF750CX20	10,000 psi (690 bar)	.328 (8.33)
1/4" NPT	10,000 psi (690 bar)	.328 (8.33)
3/8" NPT	10,000 psi (690 bar)	.328 (8.33)
1/2" NPT	10,000 psi (690 bar)	.328 (8.33)
	Valve C_V=2.1	

MAWP: Maximum Allowable Working Pressure
C_V listed is for maximum orifice size of .328 inches only.
Consult factory for C_V of valves with reduced orifice sizes.







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: Side inlet pressure not recommended. Bottom inlet pressure only.

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. 3-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: **S3B 6 S 10 M9**

S3B	6	S	10	M9	—	XXX
Valve Series	**Ball Orifice Diameter**	**Material**	**Pressure (X 1000 psi)**	**End Connection**		**Options**
S3B Subsea-3-way **S3BD Subsea**-3-way diverter	**6**-3/8" (9.52 mm)	**S** -316SS (For material options contact factory)		**M9** - SF562CX20 (See Chart on next page)		**V** - Viton: 400°F (204°C) max **EPDM** - Ethylene Propylene: 250°F (121°C) max

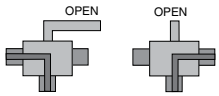
Tel: +45 63 12 83 00 | Email: ps@hymatik.com | www.hymatik.com | Hvidkaervej 27a, DK-5250 Odense SV, Denmark

End Connection Options

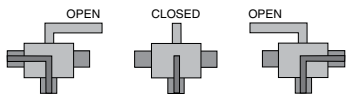
Catalog Number	End Connection Number	Connection	MAWP @ Room Temperature	Seat Gland Hex Inches(mm)
S3B6S10L8 S3BD6S10L8	L8	SW500	10,000 psi (690 bar)	1.38 (35.05)
S3B6S10M6 S3BD6S10M6	M6	SF375CX20	10,000 psi (690 bar)	1.38 (35.05)
S3B6S10M9 S3BD6S10M9	M9	SF562CX20	10,000 psi (690 bar)	1.38 (35.05)
S3B6S10M12 S3BD6S10M12	M12	SF750CX20	10,000 psi (690 bar)	1.38 (35.05)
S3B6S10P4 S3BD6S10P4	P4	1/4" NPT	10,000 psi (690 bar)	1.38 (35.05)
S3B6S10P6 S3BD6S10P6	P6	3/8" NPT	10,000 psi (690 bar)	1.38 (35.05)
S3B6S10P8 S3BD6S10P8	P8	1/2" NPT	10,000 psi (690 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.

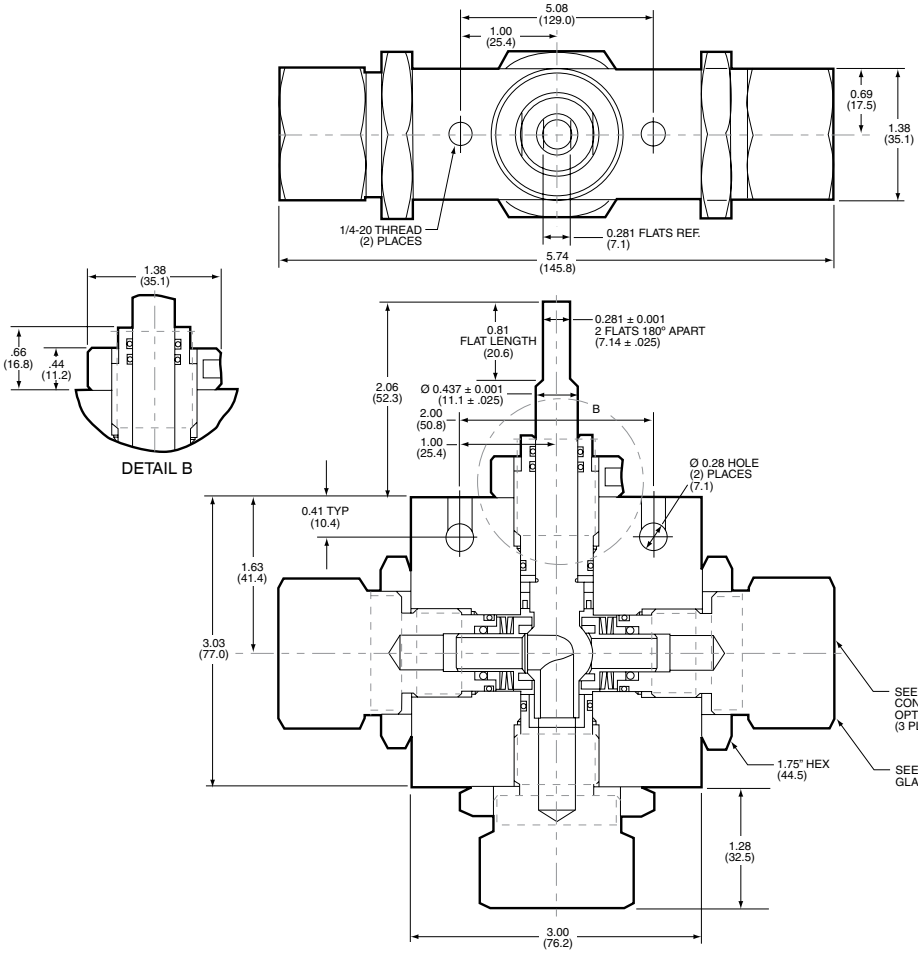


*3-Way Diverter Valve
90° Turn



3-Way Ball Valve
180° Turn

*The Diverter Valve design permits inlet flow through the bottom port. Outlet flow may be diverted to either valve side port.



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.

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