

A Series

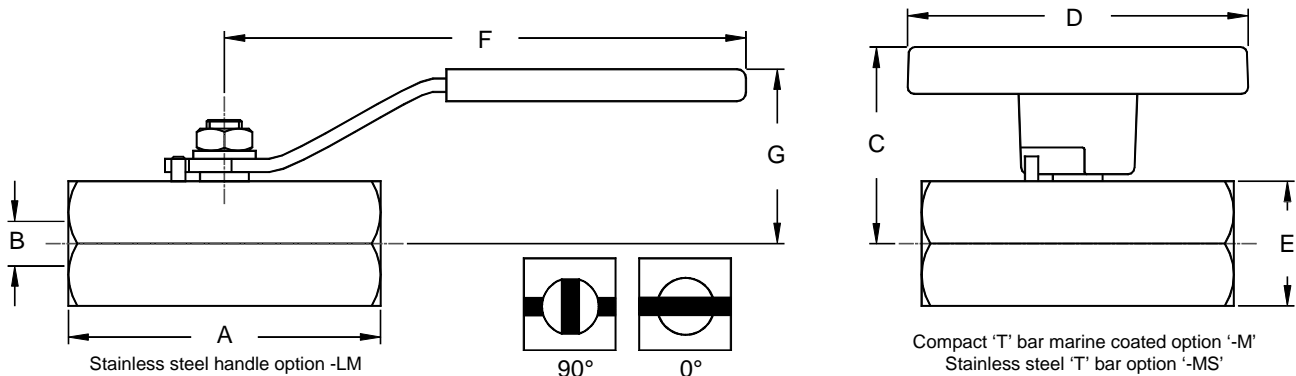
General Information

Compact ball valves Rated up to 2,000 psi

High integrity barstock ball valves proven to be better than cast type products. The high quality 'A' series low to medium pressure ball valve range is an economically designed valve with the internals being loaded through the threads. This design offers a safe and inexpensive style of valve suitable for a wide range of applications. It also offers fewer potential leak paths than cast or 3 piece valves and it is a rugged one piece solid body format. This valve is suitable for water, oil or gas applications. It comes with the compact 'T' bar handle as standard with many more options available such as lever handle or locking device etc.

Design Features

- One piece design - prevents accidental removal of the internals when fitting or removing the valve from the pipeline.
- Bi-directional floating ball design to ensure leak-proof shut-off on pressure or vacuum.
- Manufactured for high integrity, certified (316ss) barstock material.
- Smooth low torque 90° operation.
- Value for money, compact economical design.
- Compact overall length, reduced weight.
- Anti blow-out internally loaded stem for safety.
- Available NPT, BSPP or BSPT threads.
- Temperature rating -50°C to 230°C.
- Pressure rating 2,000 psi (138) bar as standard.
- Choice of body and trim materials. Available in 316ss Monel / Duplex / Titanium / Ali-Bronze.
- Can be supplied male/female to order.
- Handle indicates open / closed positions at a glance.
- Many options available (such as locking devices)
- Full material traceability.
- 100 % Hydrostatic testing.
- Materials of construction can be supplied to meet the Requirements of NACE MR-01-75 latest revision.



Part Numbers

St/St Part No.	Connections Size	A	B (Bore)	C	D	E	F	G	Cv	Kv	Weight (Kgs)
A2NS	1/4" NPT	70	10	44	77	28	115	41	4.2	3.6	0.2
A3NS	3/8" NPT	70	10	44	77	28	115	41	4.4	3.8	0.2
A4NS	1/2" NPT	70	10	44	77	28	115	41	4.5	3.9	0.2
A6NS	3/4" NPT	76	13	46	77	32	115	43	7.8	6.7	0.3
A8NS	1" NPT	89	16	49	77	38	115	45	11.8	10.2	0.4
A12NS	1 1/2" NPT	99	25	58	100	57	150	50	23	19.9	1.0
A16NS	2" NPT	115	32	-	-	70	165	75	49	42.4	2.0

For BSPP threads change 'N' to 'P' i.e. A4PS

For BSPT threads change 'N' to 'T' i.e. A4TS

Lever handles standard on 2" version, sizes above 1" may be round Dia body

Seat materials: 2000psi = RTFE Seal materials: Stem = RTFE

Dims are in mm (Appx)

See technical section for important additional valve data.

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