

700 Series Ball Valves with Tube Fittings

Applications

CNG Compressors, Dispensers, Priority Panels, Isolation Valves, CNG , storage.

Suitable with for use with CNG, Helium, Bio-Gas, Nitrogen, air and others on enquiry.



Ball Valves with Tube Lock Fittings

Materials

Item	Part	Material
1	Body	304 Stainless steel
2	Cap	304 Stainless steel
3	Stem	316 Stainless steel
4	Ball	316 Stainless steel
5	Seats	Delrin
6	Fittings	316 Stainless Steel

Item	Part	Material
6	Seat O-ring	Nitrile
7	Gland & Thrust	Delrin
8	Body O-rings	Nitrile
9	Stem O-rings	Nitrile
10	Handle	304 Stainless Steel

Product Information

Custom handle options available on request.

All products are manufactured to ISO 9001:2008 standards.

PED 97/23/EC approved.

Peek/Viton configuration available upon request.

Video servicing instructions available online at www.OasisNGV.com/resources.

assembled with Swagelok tube fittings, nut and ferrules.

Features & Benefits

The 700 Series Ball Valve is a FULL FLOW, Anti Blowout stem, all stainless steel certified bar stock, two-piece, serviceable valve.

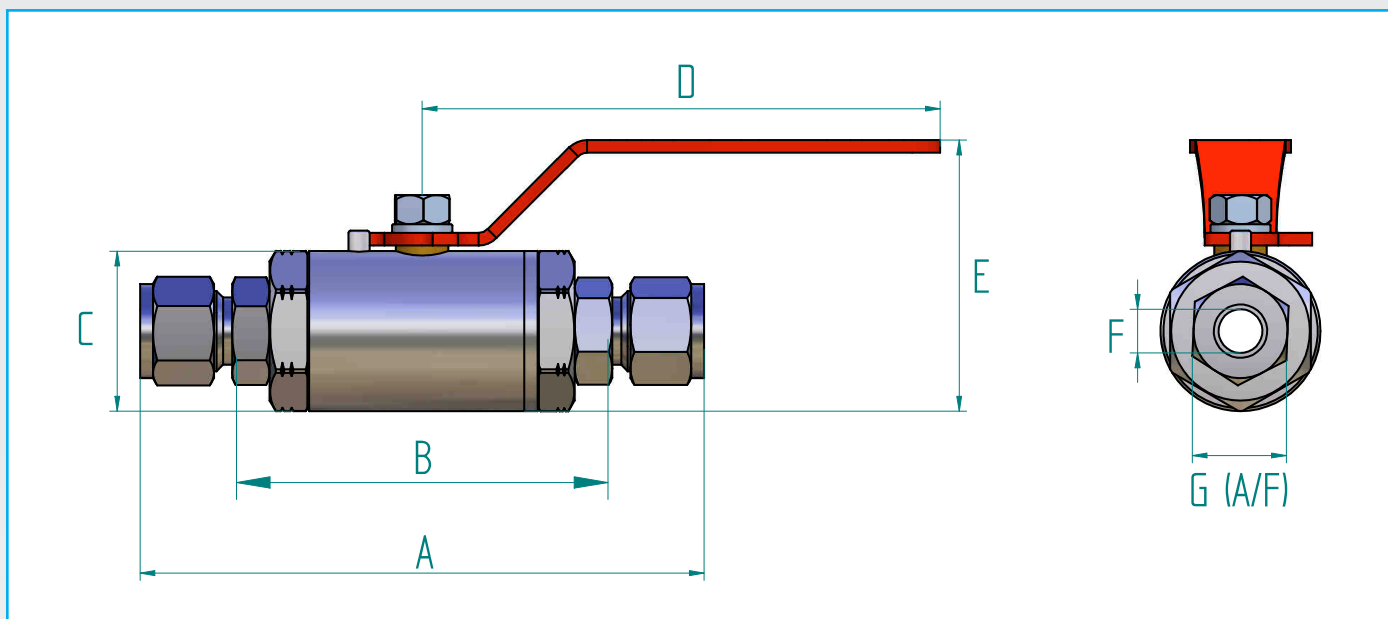
Service kits are readily available & easy to install.

CNC machining allows tighter tolerances to be maintained, which extends the working life of the components.

The complete Oasis range has been cycle tested to ensure LOWEST LIFE COST.

Easy installation into new or existing pipe work.

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Dimensions Inch (mm)

Part Code	Size	A	B	C	D	E	Connection	Ø F	G (A/F)
BV704-BS6LDDN-1000	1/2"	5.27 (134)	3.48 (88.3)	1.5 (38)	4.9 (125)	2.56 (65)	1/2" Tube Lock	0.41 (10)	0.88 (22)
BV706-BS6LDDN-1000	3/4"	6.62 (168)	4.7 (119.3)	2.16 (55)	6.9 (177)	3.5 (89)	3/4" Tube Lock	0.62 (16)	1.14 (29)
BV708-BS6LDDN-1000	1"	7.35 (187)	4.89 (124.3)	2.72 (69)	6.9 (177)	4 (102)	1" Tube Lock	0.88 (22)	1.5 (38)

Product Specification

Part Code	Mass lb (kg)	Min. Operating Pressure bar (psi) *	Max. Operating Pressure bar (psi) **	Min. Temp. °F (°C)	Max Temp. °F (°C)	Cycles Before Rekit [^]	Stem Open Torque ft-lb (Nm) ^{^^}	Cv	Service Kit
BV704-BS6LDDN-1000	1.5 (0.7)	0.5 (7)	410 (6000)	-40 (-40)	185 (85)	100,000	10.3 (14)	12.3	BV704-SK6LDDN
BV706-BS6LDDN-1000	4.4 (2.0)	0.5 (7)	400 (5800)	-40 (-40)	185 (85)	100,000	22.8 (31)	31	BV706-SK6LDDN
BV708-BS6LDDN-1000	7.1 (3.2)	0.5 (7)	324 (4700)	-40 (-40)	185 (85)	100,000	32.4 (44)	44.5	BV708-SK6LDDN

* Minimum system pressure the product will hold constant bubble tight seal.

** Rated to the High-Pressure Fitting Supplier Specifications when using appropriate Stainless Steel Tubing.

[^] It is recommended that the ball valve is re-kitted on or before the maximum number of allowable cycles.

^{^^} Opening torque at 6,000 psi.