

BALL VALVES

- LOW COST
- SMALL SIZES
- STAINLESS STEEL
- VITON/TEFLON SEALS
- MOUNTING IN ANY POSITION
- BAKEABLE TO 160°C

The Vagtec stainless steel ball valves have been designed for best conductance and minimum size for easy installation in any attitude.

Well suited for systems requiring high reliability and low outgassing in high vacuum applications, these valves are realized in stainless steel 316 with small cross section viton o-rings.

The inside sphere is rotating on two teflon support, and the outgassing sets its application limit at 10^{-8} mbar.

They can be used for both samples and optical beams transfer.

Characteristics

Application : from 3 atm to 10^{-8} mbar

Leak test : $< 2 \cdot 10^{-8}$ mbar l/s

Temperature : -20°C to 160°C

Materials : AISI316, teflon, viton

Opening : both side against atmosphere

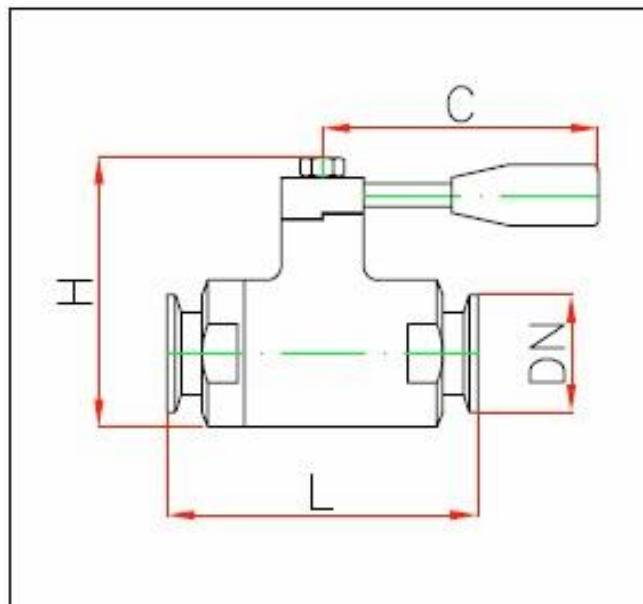


These lines of valves are manually operated and are flanged DN16, DN25 and DN40.

Other flanges are on request.

In the open position the cross section is completely free.

The valves open against pressure of 4 bar both sides.



ISO-KF flanges	DN (nominal ID)	molecular flow conductance l/s	C	H	L	weight Kg	Ordering Code
DN16	16	22	92	70	92	0.5	4-BV-0125
DN25	25	54	92	90	106	1.3	4-BV-0136
DN40	40	138	92	105	126	2.4	4-BV-0138

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Ball valves series ISO-KF flanged

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Not scale drawing

Date: 10/02/2011

Revision: 0.0

Dimensions: IN (mm)

Number:

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