

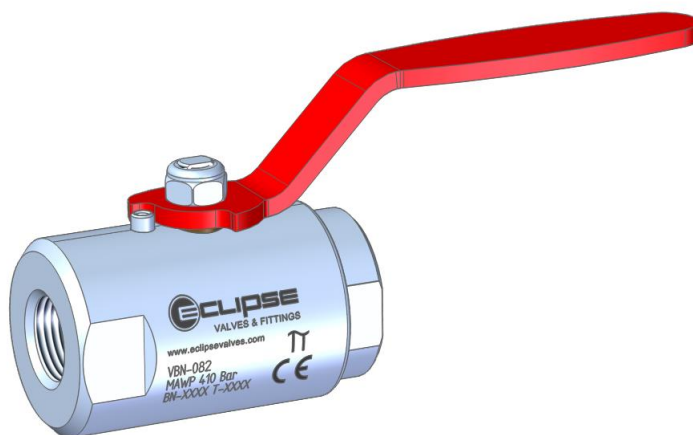
Eclipse Ball Valves are designed to provide the most reliable sealing in high pressure gas, oil, chemical and process control applications. Proven in the harshest environments and toughest conditions, our valves are made to perform where other brands fail.

2 & 3-Piece Valves:

2-piece valves are the most cost-effective option as they reduce the parts count without compromising quality. 3-piece valves are more easily customisable and are used for special applications where non-standard threads or connections are used. Eclipse offers both options and can also provide custom solutions for specific requirements.

Features:

- Tested to 5:1 safety factor
- MAWP 6000psi (414 bar)
- CE and Pi (PED/TPED) Certified
- Anti-blow-out stem
- Bi-directional
- Low torque operation
- Floating ball principle
- Optional handle configurations
- Machined threaded port connections
- Fully serviceable, all kits available
- Actuated valves also available
- Compatible with most inert fluids and gases



Port Options:

Valves can be configured to suit your application.

The standard ports are NPT Female but can be selected from the list below:

Male

- NPT
- SAE (positionable)
- BSPP
- BSPT

Female

- NPT (std)
- SAE
- BSPP
- BSPT

Operating Temperatures:

Standard

-40°C to 85°C

Cold Service

-120°C to 125°C

Hot Service

-40°C to 160°C

Materials:

Body/Endcaps

Stainless 304

Ball/Stem

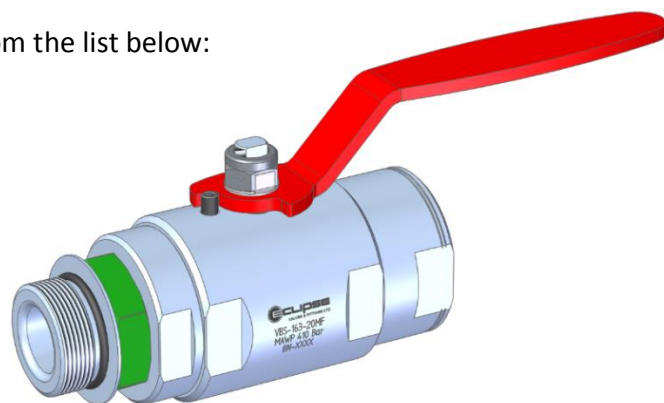
Stainless 316

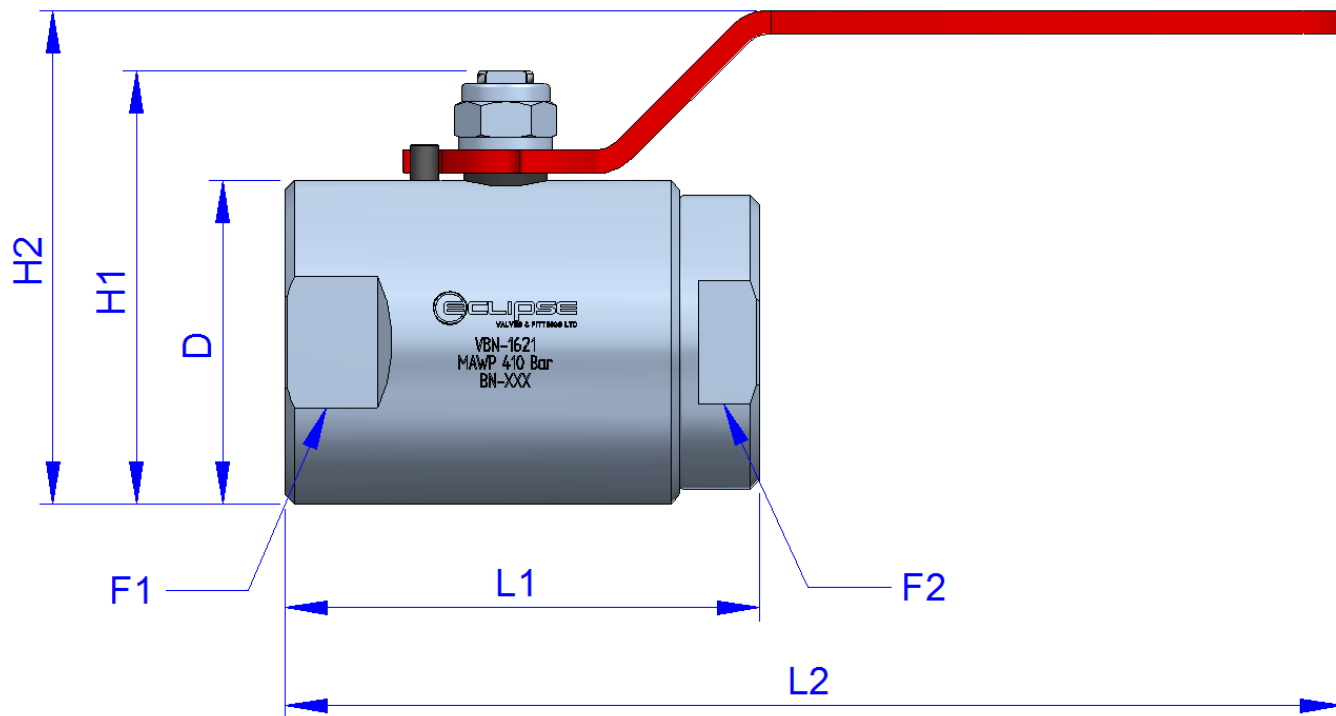
Seats

Acetal blend

O-Rings

Nitrile standard, others available





Model #	Size	Cv	L1	L2	H1	H2	D	F1	F2
VBN-042	¼"	7	52	129	38	54	30	1"	-
VBN-062	⅜"	13	68	162	53	71	37.7	1 ¼"	-
VBN-082	½"	21	74	165	58	76	44	40	1 ⅜"
VBN-122	¾"	36	100	230	81	102	55	2"	1 ¾"
VBN-162	1"	65	109	235	93	115	70	2 ½"	2 ¼"
VBN-242	1 ½"	163	150	314	138	153	114	3"	3"

*Sizes and specifications are subject to change without notice

CAD models of all products are available on request

Ordering Information:

Please advise the following application info when ordering

Thread Type:	NPT standard
Operating Medium:	Natural gas as standard
Operating Pressure:	Standard maximum operating pressure is 6000 psi (410 bar)
Operating Temperature:	Standard is - 40°C to 85°C
Handle Orientation:	Standard clockwise rotation to open

For configurations specific to your application, or to find out more information, please talk to the team at Eclipse.

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