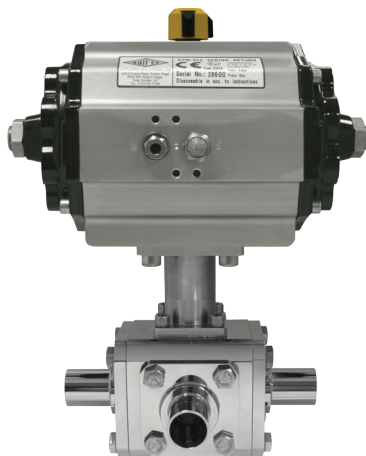




The MP range are available in 3 and 4 way configurations with either 'L' or 'T' port ball design. Valves are manufactured from wrought bar and can be supplied in any grade of stainless steel, C22 alloy or duplex grade material. The external body surfaces of the MP range are polished as standard making them an ideal choice for clean room applications.



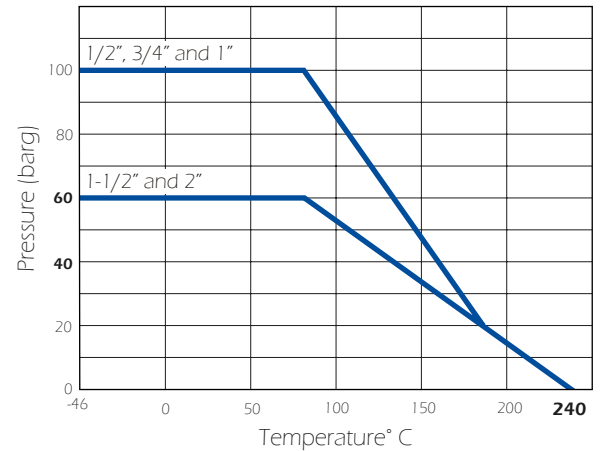
Actuated valves

All sizes of MP valve have an ISO top-works which allows mounting of pneumatic and electric actuators. Please consult Staitech for detail of available 90° and 180° actuators, switches and solenoids.

P

Pressure and Temperature

T



I

Connections

1/2" - 2" ASME BPE clamp
1/2" - 2" ASME BPE weld ends

S

Seat and Seal Materials

Seats - TFM
Body seals - PTFE
Stem seals - PTFE and PEEK

W

Surface Finish

Wetted inlet surfaces - 0.5 microns Ra
External surfaces - mirror polish - 0.5 microns Ra

E

ATEX

Rated to **CE** **Ex** II 2 GD c

C

Options

Alternative seat materials - PTFE and PEEK
Cavity filled seats - TFM, PTFE and PEEK
Enhanced surface finishes and electropolishing
Special cleaning
Locking devices and Stem extensions
DIN, ISO and SMS sizes
Low ferrite stainless steel, C22 and other alloys

C

Available Certification

- CofC** Certificate of Conformity
- MTR's** Material Certification
- FDA** FDA Elastomer compliance certificates
- USP** USP Elastomer compliance certificates
- ADI** Certified 'Animal Derived Ingredient' free
- EXATEX** ATEX zone compliance certification

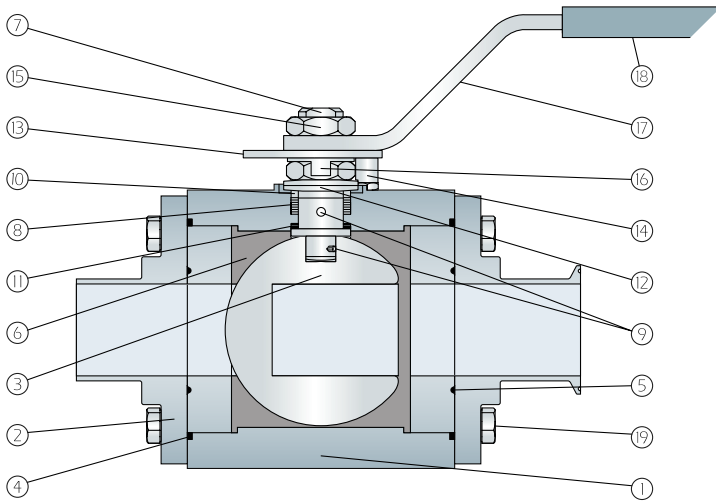
H

Supplier Partner

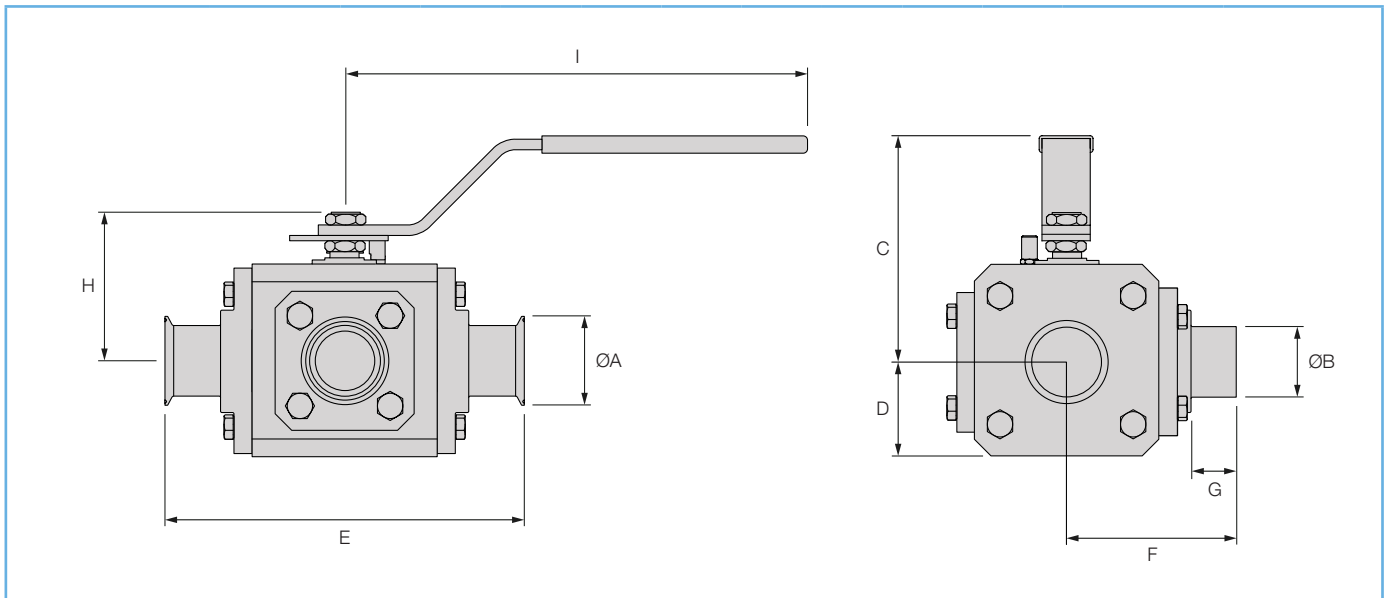
Staitech are a nominated partner of Vinco valve of Portugal, stocking and distributing the company's extensive range of high purity ball valves. For further information on the Vinco range visit the Staitech website or www.vincovalves.com


MP SERIES

3 & 4 way ball valves





Part	Description	
1	Body	316L Stainless steel
2	End	316L Stainless steel
3	Ball	316L Stainless steel
4	Body seal	PTFE
5	O-ring	EPDM
6	Seat	TFM
7	Stem	316L Stainless steel
8	Gland packing	TFM
9	Earthing ball	316 Stainless steel
10	Gland bush	316L Stainless steel
11	Thrust washer	TFM
12	Belleville washer	304 Stainless steel
13*	Stop plate	304 Stainless steel
14	Stop	304 Stainless steel
15	Stem nut	304 Stainless steel
16	Stem washer	304 Stainless steel
17	Handle	304 Stainless steel
18	Handle sleeve	Vinyl
19	Bolt	304 Stainless steel

















	Size (ASME BPE)	Dimensions (mm)											Weight (kg)
		ØA	ØB	C	D	E	E (clamp)	E (weld)	F	F (clamp)	F (weld)	G	
	1/2"	25	12.7	85	30	127	130	69.5	65	25	54	170	2.2
	3/4"	25	19.05	92	35	146	145	72.5	76	31	60	170	3.0
	1"	50.5	25.4	100	41	159	160	79.5	84.5	31	68	200	4.8
	1-1/2"	50.5	38.1	115	54	191	190	96.5	96.5	25	80	200	10.3
	2"	64	50.8	167	73.5	241	240	127.5	132.5	38	117	370	26.2

MP SERIES

3 & 4 way ball valves

3-Way L-port valve orientations				
Option	Rotation	Position 1	Position 2	Position 3
L1	90°			-

3-Way T-port valve orientations				
Option	Rotation	Position 1	Position 2	Position 3
T1	90°			-
T2	90°			-
T3	90°			-
T4	90°			-
T5	180°			
T6	180°			

Alternative porting configurations available on request.

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Specifications subject to change without notice. MP-TB - 06/15