

Application

Stainless steel hygienic plug valves are used in the food, dairy and chemical industries. Plug valves are used in installations where a sanitary closing or divert style valve with a minimum pressure drop is required.

Standard Design

The plug valve consists of a valve body, plug and cover made from quality stainless steel. The plug is coated with a hard chrome coating followed by precision grinding and lapping to ensure leak proof and easy operations. A long round handle allows for better leverage and smooth operation. A high degree of taper on the plug reduces the torque required to open or close the valve.

Available Sizes

1", 1½", 2", 2½", 3", 4"

DN25, DN40, DN50, DN65, DN80, DN100

Options

End connections: Sanitary Clamp, Butt-Weld, SMS or others on request.

FDA approved rubberized plug available on request.

Material : AISI 316L or AISI 304L



Technical Specification

Material :

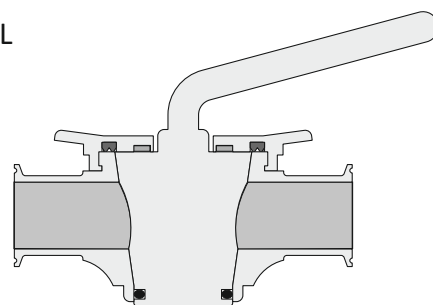
Product wetted steel parts.....AISI 316L or AISI 304L

Other steel parts.....AISI 304

FDA Seals :

Rubber parts.....EPDM

Thrust Washer.....PTFE



Nominal Pressure :

Maximum product pressure.....58 PSI maximum (4 Bars)

Test pressure 70 PSI (5 Bars)

(Leakage test according to BS EN 12266-1)

Temperature & Chemical Compatibility :

Please refer to the temperature and chemical compatibility charts located in the General Information section of the catalog. Temperature and chemical compatibility are limited by the seal material.

Surface Finish :

Surface in contact with product.....Ra $\leq$ 25 μ in (Grit 220g)

Optional.....Ra $\leq$ 15 μ in (Grit 320g)

ConnectionsSanitary Clamp (ISO 2852 / BS 4825-3)

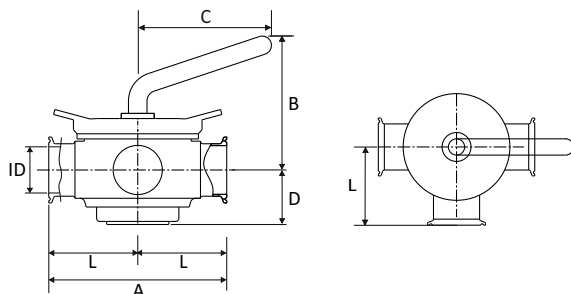
OptionalButt Weld (ISO 2037 / BS 4825-1)

Male, SMS

*Other connections on request

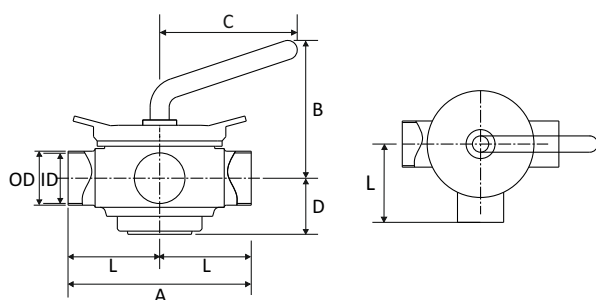
Dimensions

Dimensions ISO (mm)



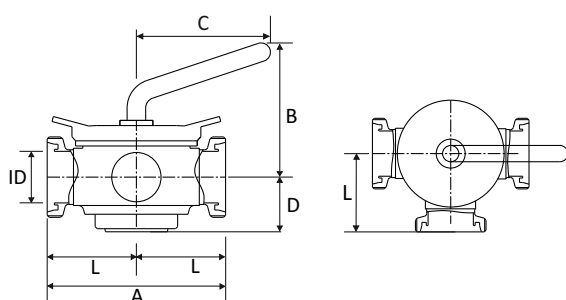
Sanitary Clamp

Dimensions	1"	1½"	2"	2 ½"	3"	4"
A	116	148	173	210	240	300
B	90	117	170	142	154	172
C	100	115	122	160	203	210
ID	22.2	34.9	47.6	60.3	72.6	97.4
L	58	74	86.5	105	120	150
D	36	21	54	68	70	72



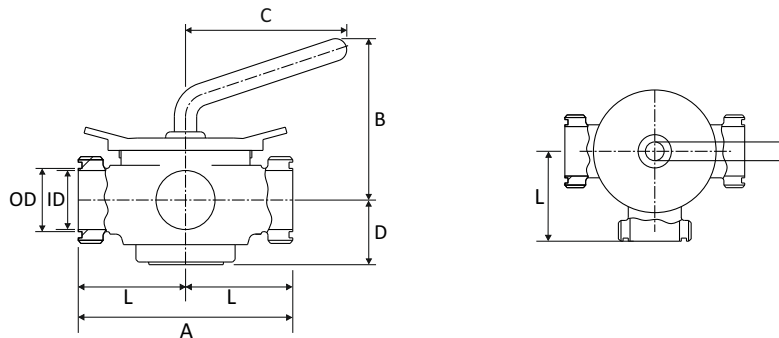
Butt-Weld

Dimensions	1"	1½"	2"	2 ½"	3"	4"
A	125	162	170	200	230	276
B	90	117	170	142	154	172
C	100	115	122	160	203	210
OD	1"	1 1/2"	2"	2 1/2"	3"	4"
ID	22.2	34.9	47.6	60.3	72.6	97.4
L	62.5	81	85	100	115	138
D	36	21	54	68	70	72

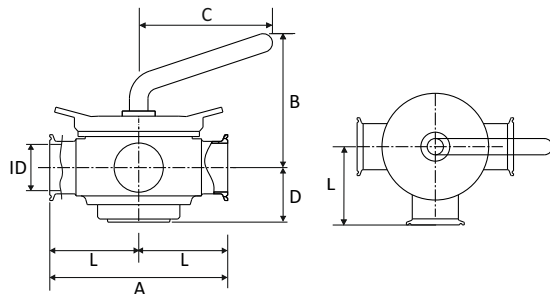


Male

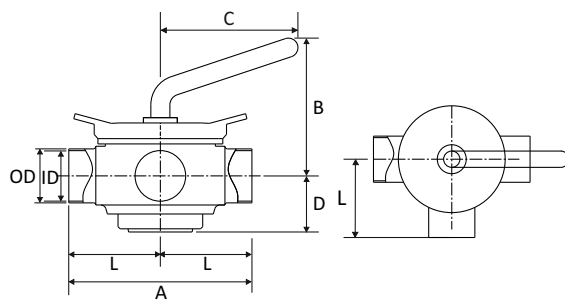
Dimensions	1"	1½"	2"	2 ½"	3"	4"
A	125	162	170	200	230	276
B	90	117	170	142	154	172
C	100	115	122	160	203	210
ID	22.2	34.9	47.6	60.3	72.6	97.4
L	58	74	86.5	105	120	150
D	36	21	54	68	70	72

Dimensions ISO (mm)

SMS

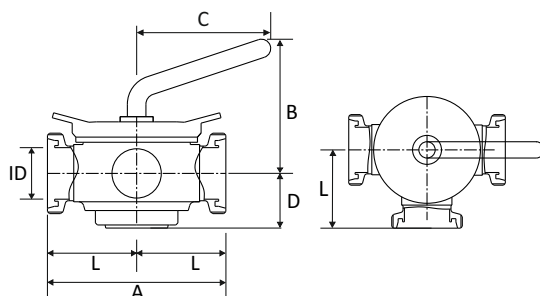
Dimensions	1"	1½"	2"	2½"	3"	4"
A	125	162	170	200	230	276
B	90	117	170	142	154	172
C	100	115	122	160	203	210
OD	52x1/6Thd	65x1/6Thd	78x1/6Thd	95x1/6Thd	110x1/4Thd	130x1/4Thd
ID	22.2	34.9	47.6	60.3	72.6	97.4
L	62.5	81	85	100	115	138
D	36	21	54	68	70	72

Dimensions DIN (mm)

Sanitary Clamp

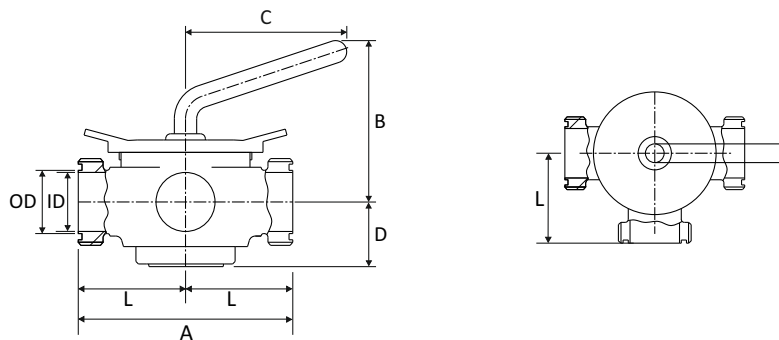
Dimensions	DN 25	DN 40	DN 50	DN 65	DN 80	DN 100
A	116	148	173	210	240	300
B	90	117	170	142	154	172
C	100	115	122	160	203	210
ID	26	38	50	66	81	100
L	58	74	86.5	105	120	150
D	36	21	54	68	70	72


Butt-Weld

Dimensions	DN 25	DN 40	DN 50	DN 65	DN 80	DN 100
A	125	162	170	200	230	276
B	90	117	170	142	154	172
C	100	115	122	160	203	210
OD	29	41	53	70	85	104
ID	26	38	50	66	81	100
L	62.5	81	85	100	115	138
D	36	21	54	68	70	72


Male

Dimensions	DN 25	DN 40	DN 50	DN 65	DN 80	DN 100
A	125	162	170	200	230	276
B	90	117	170	142	154	172
C	100	115	122	160	203	210
ID	26	38	50	66	81	100
L	58	74	86.5	105	120	150
D	36	21	54	68	70	72

Dimensions DIN (mm)

SMS

Dimensions	DN 25	DN 40	DN 50	DN 65	DN 80	DN 100
A	125	162	170	200	230	276
B	90	117	170	142	154	172
C	100	115	122	160	203	210
OD	52x1/6Thd	65x1/6Thd	78x1/6Thd	95x1/6Thd	110x1/4Thd	130x1/4Thd
ID	26	38	50	66	81	100
L	62.5	81	85	100	115	138
D	36	21	54	68	70	72

11 Series Plug Valve Ordering System
