

Plug Valve (PLV)



Application:

- IDMC Plug valves are used in sanitary pipelines in dairy, food and beverages industry.
- It is generally used to isolate the flow as well as to divert the flow of product.

Features:

- A low-cost and reliable product for continuous operation plants.
- Easy to operate and maintain.
- Designed with union end connections and flange end connections to make replacement & maintenance easy.
- Hygienic design suitable for Cleaning-In-Place (CIP).
- Two-way plug valve for on/off application.
- Three-way plug valve for flow divert application.

Technical Specifications:

- Sizes : SMS 25 to SMS 76 (from pipe OD 1" to 3" suitable for ASTM A270)
- Product wetted steel parts : SS AISI 304 or SS AISI 316 L
- Other steel parts : SS AISI 304
- Product contact gaskets/seals : NBR / EPDM (suitable to US FDA 21 CFR 177.2600)
- Average product pressure : 4 Bar
- Temperature range : 2°C to 90°C
- Valve body & plug has lapped surface for smooth operation

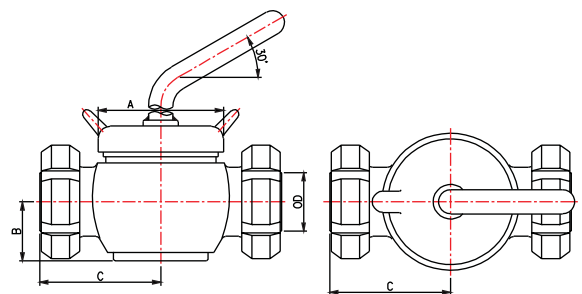
Operation / Working:

- The function of two-way valve is to shut-off the flow in the line.
- The Function of three-way valve is to change over in process liquid flow in pipe lines.
- Loosen the top cover and rotate the handle which will shut off the flow (two-way valve) / divert the flow (three-way valve).
- Do not run the pump while changing valve actuation.

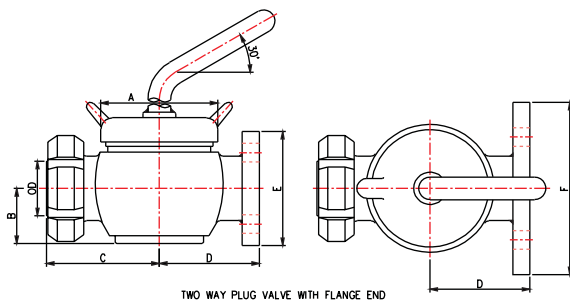
Valve Sizes	OD	A	B	C	D	E	F
SMS 25	25.4	68	33.6	73	-	-	-
SMS 38	38.1	82	38.5	80	69	80	120.6
SMS 51	50.8	108	48.3	92	81	87	134
SMS 63	63.5	140	55.5	116	105	100	152.5
SMS 76	76.2	170	68.4	137	125	105	152.5

Note:

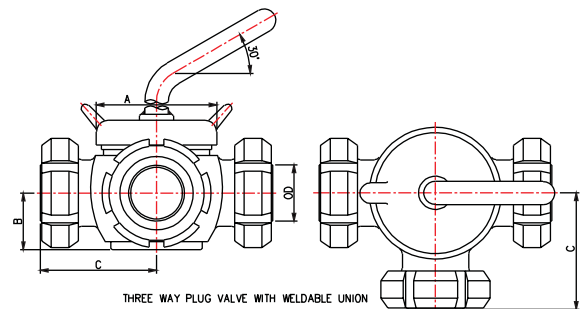
- Dimension D, E & F are only for two way plug valve with flange end at one side and union at other end.
- SMS 25 only available in 3 way plug valve with union.



TWO WAY PLUG VALVE WITH WELDABLE UNION



TWO WAY PLUG VALVE WITH FLANGE END



THREE WAY PLUG VALVE WITH WELDABLE UNION



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