

137. SANITARY BUTTERFLY VALVE

Function:

Sanitary butterfly valve is a sanitary automatically or manually operated butterfly valve. It is well suited for various applications in stainless steel pipe systems.



Operating Principle:

Sanitary butterfly valve can be either remote-controlled by an actuator or manually operated by a handle.

The actuator has three standard types, namely normally closed (NC), normally open (NO) and air/air activated (A/A).

The actuator transforms the axial movement of a piston into a 90° rotation of a valve shaft. The torque of the actuator is increased when the valve disc in the valve body contacts the gasket of the butterfly valve, the valve is closed then. The actuator's are quarter turn actuator.

Applications:

- Pharmaceutical
- Food
- Beverages
- WFI

Specifications:

Material: Contact parts: Refer table.

Non contact parts: AISI 304

Seal: Refer table

Max. Operating temperature: 135 C(EPDM)

Max. Operating pressure: 10 bar

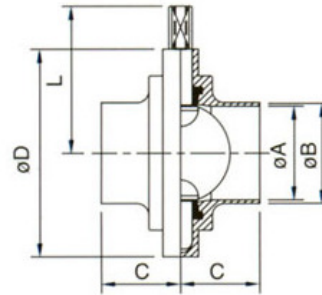
End Connection: Refer table

Surface finish: Internal Ra< 0.8 μ

Actuator: Control air pressure: 5-8 bar

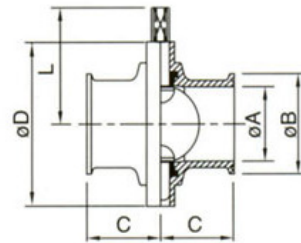
BUTT WELD

Size	All dimensions are in mm.				
	A	B	C	D	L
1.0"	22.1	25.4	23.5	78	60.5
1.5"	34.8	38.1	23.5	78	62.5
2.0"	47.5	50.8	26	99	71.3
2.5"	60.2	63.5	27	112	80.1
3.0"	72.2	76.2	31	125	87.8
4.0"	97.6	101.6	40	157	107.6



TRICLOVER ENDS

Size	All dimensions are in mm.				
	A	B	C	D	L
1.0"	22.1	50.5	44.5	78	60.5
1.5"	34.8	50.5	44.5	78	62.5
2.0"	47.5	64	47.6	99	71.3
2.5"	60.2	77.5	48.4	117	80.1
3.0"	72.2	91	51.5	132	87.8
4.0"	97.6	119	51.5	169	107.6



ORDERING INFORMATION:

Ex: Part # 137-1-1-1-1: Sanitary butterfly valve-304 material –Silicone-1"-Butt weld-Manual

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Product code	Contact Material	Seal Material	Size	End Connection	Actuation
	1-AISI 304 2-AISI 316	1-Silicone Std 2-EPDM 3-Buna	1-1" 2-1.5" 3-2.0" 4-2.5" 5-3.0" 6-4.0"	1-Butt weld 2-Triclover	1-Manual. 2-Pneumatic NC 3-Pneumatic NO 4-Pneumatic Double acting (Air to open and air to close)

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