

DUAL PLATE CHECK VALVE

The check valve plates open when the pump is started and close immediately upon pump shutdown. Closure is achieved solely through hydrostatic pressure and the spring's restoring force. The valve is suitable for both vertical and horizontal installation, offering a flexible solution for a wide range of applications.

Design Features:

- Resilient Seated
- Non Slam in Nature
- Door Material CF8/CF8M/SG
- Springs-SS304/ SS316

Conformity to Standard & Codes:

- Product Standard-API 594/ Design PN10/PN16
- End Details-Suitable for insertion between PN10 and PN16 Class 150#/ BS: 10 Table E/F/H.
- Testing Standard-API 594

Applications

- Steam Industries
- Water Supply & Solvent Industries
- Oil Industries
- Process Industries

Water Steam Oil Air



DUAL PLATE CHECK VALVE



DIMENSIONS:

NOMINAL SIZE				
Inches	Size in mm	A ±2	ØB	ØC
2"	50	55	101	50
2½"	65	55	120	65
3"	80	60	130	80
4"	100	65	170	100
5"	125	72	190	125
6"	150	95	215	150
8"	200	110	275	200
10"	250	185	335	250
12"	300	190	405	300

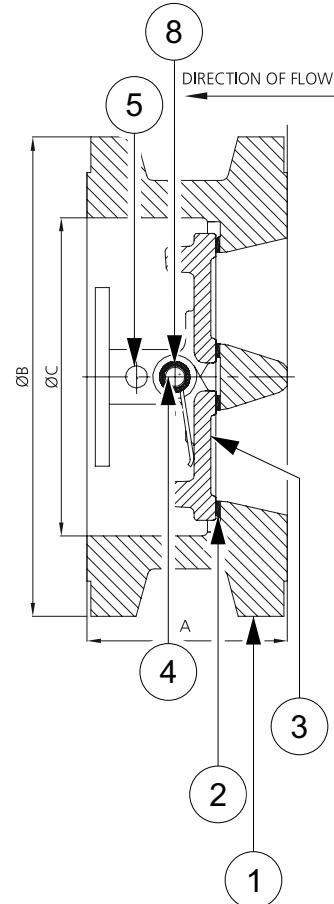
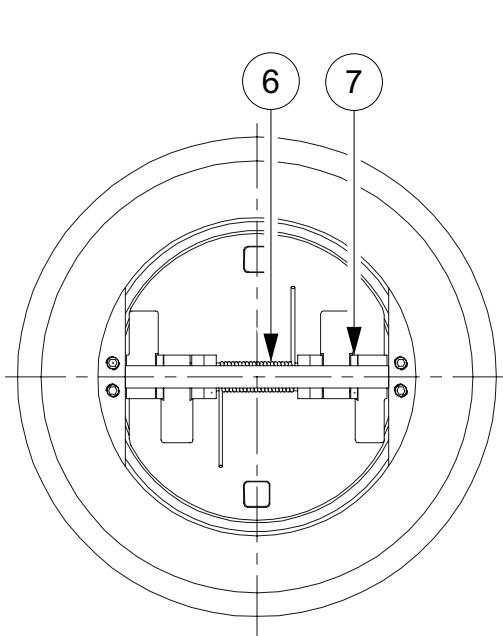
*All dimensions are in mm unless and otherwise specified.

PART LIST

S NO	PART NAME	MATERIAL	STANDARD
1.	Plug	SS	AISI-410
2.	Bush/Bearing	P.T.F.E.	-
3.	Spring	SS	AISI-304
4.	Stop Pin	SS	AISI-420
5.	Hinge Pin	SS	AISI-420
6.	Disc	SS/SG	CF8/CF8M/SG
7.	Body Seat	RUBBER	E.P.P.M.
8.	Body	CAST IRON	IS210 Gr.FG200

TEST PRESSURE:

TYPE OF TEST	PRESSURE (KG/CM ²)
Body	24.1 Kg/cm ²
Seat	16.2 Kg/cm ²



WARRANTY

All the valves are warranted against any manufacturing defect for a period of 12 months from date of supply, provided the valves has not been misused, damaged, installed for services it is not recommended or the seal has been tampered with. The company shall be liable to furnish part/ parts thereof or full Valve as the company may deem fit.

UPC INSTRUMENTS PVT.LTD.

AN ISO 9001:2015, 14001-2015 CE & TÜV SÜD CERTIFIED COMPANY

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