

SINGLE PLATE WAFER CHECK VALVE



FEATURES

- Very simple in construction, compact, light-weight, sturdy & rugged
- Can operate effectively in both vertical and horizontal pipe lines
- Soft seated valves come in two variants – O ring seated and PTFE / RPTFE seated
- Wafer type end connections as standard – other types can be provided on request
- Long life and trouble-free operation
- Easier to handle, pack and transport as compared to other valves

SPECIFICATIONS

Codes & Standards

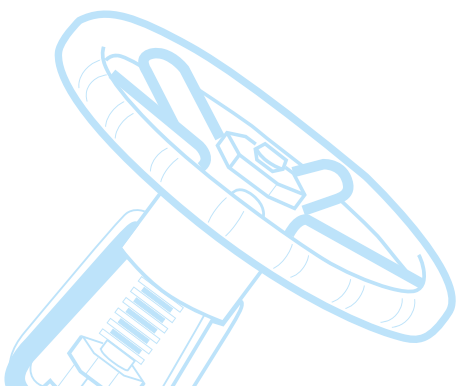
• General design & mfg	API 6D / ASME B 16.34
• Face to face dimensions	API 6D / ASME B 16.10
• Inspection & testing	API 598
• Flange drilling	Wafer Design ASME B16.5

Technical Specifications

• Valve type	Self Acting Non Return Valve
• Description	Single Plate Wafer type Check Valve
• Body type	Short pattern wafer type
• Model variants	Check Valve with rubber O ring on seat and face sealing Check Valve with PTFE seat and serrated faces
• Size range	DN 25 to DN 600
• Pressure rating	Up to PN 16
• Operating temp. range	-25° C to 200° C (depending on seat MOC)
• Seat leakage	Zero leak (tight shut off)

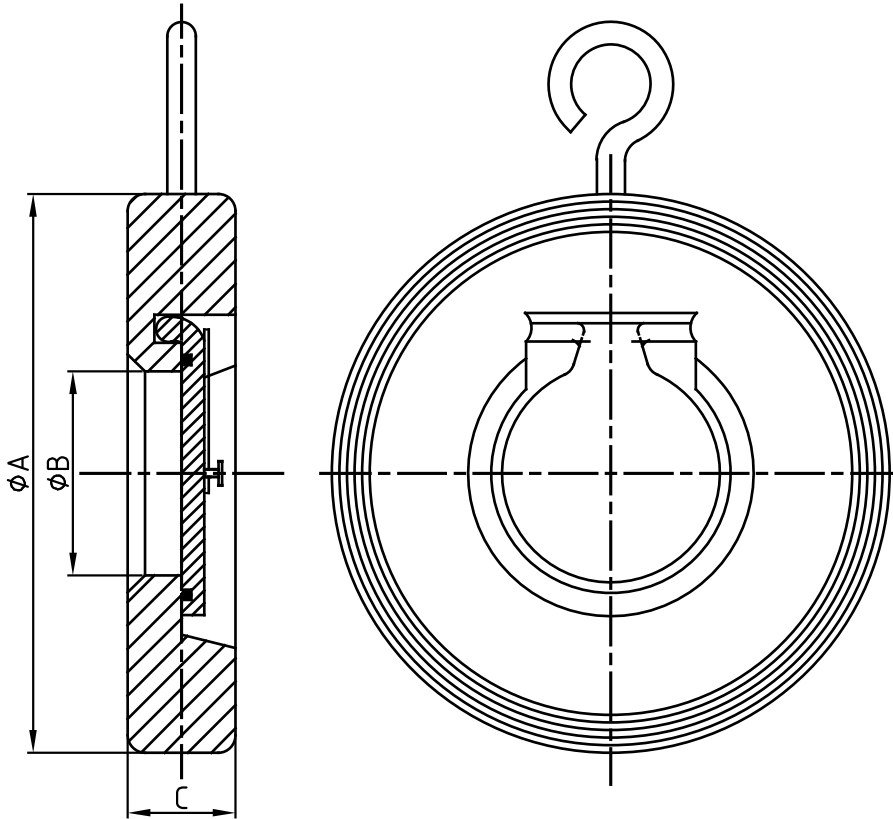
Standard Material of Construction (MOC)

• Body & Disc	WCB / CF8 / CF8M / CF3 / CF3M
• Seat variants	EPDM / Viton / Nitrile / Neoprene / Silicon PTFE / RPTFE



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GENERAL ARRANGEMENT



SIZE		DIMENSIONS		
NPS	DN	ϕB	C	ϕA
1"	25	14	16	64
1 1/2"	40	22	19	83
2"	50	30	19	102
2 1/2"	65	40	19	121
3"	80	52	19	134
4"	100	71	19	172
5"	125	93	19	194
6"	150	114	19	220
8"	200	157	28	277
10"	250	195	28	337
12"	300	230	38	407
14"	350	270	44	448
16"	400	310	51	512
18"	450	360	60	545
20"	500	406	64	602
24"	600	490	70	714

About IPC Valves and Valve Automation

IPC offers comprehensive range of valve and valve automation solutions that meet all your needs in a reliable and cost effective manner. A long and proven track record in catering to various industrial sectors such as Chemical, Pharma, Oil & Gas, Power and Fertilizers through its solutions is the key strength of IPC.



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CIN: U29120PN2010PTC136972

