



SINGLE PLATE WAFER CHECK VALVE



ALLIED INDUSTRIAL PRODUCTS

VALVES | AUTOMATION | FLANGES & FITTINGS

AN ISO 9001 : 2015 CERTIFIED CO.

SINGLE PLATE WAFER CHECK VALVE

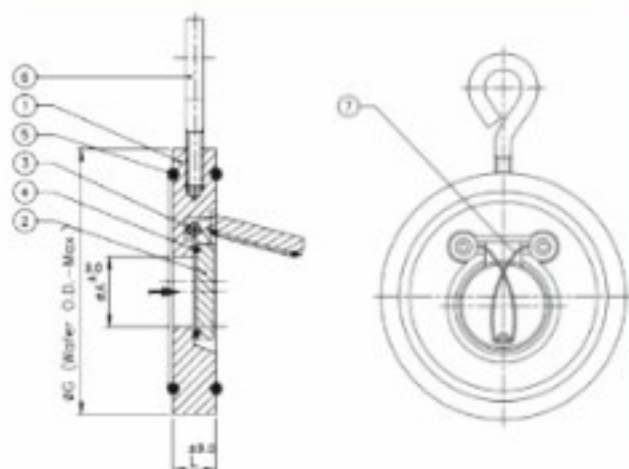


FEATURES

- 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

DESIGN FEATURES

- Body Type single Thin Plate, Short Type
- Suitable For Horizontal and Vertical Mounting
- Shorter overall length, mounting requires minimum space
- Low pressure Drop
- Easy to install
- Less weight
- Size Range: 1" to 42"
- Pressure Rating : PN-10/PN-16
- Seat Leakage : Zero Leakage, Tight Shut Off
- Temperature Range : 25°C to + 200°C



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

Standard Material of Construction (MOC)

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

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)

DIMENSIONS IN (MM) SERIES - 40 (SIZE 2" - 6")

Valve size	A	B	C				
			PN 10	PN 16	BS10D	BS10E	ANSI150
25	14	16	72	72	69	69	64
40	22	19	93	93	86	86	86
50	30	19	108	108	97	97	104
65	40	19	128	128	110	110	123
80	52	19	143	143	129	129	136
100	71	19	163	163	161	161	174
125	93	19	193	193	193	193	196
150	114	19	219	219	216	215	221

DIMENSIONS IN (MM) SERIES - 40 (SIZE 8" - 24")

Valve size	A	B	C				
			PN 10	PN 16	BS10D	BS10E	ANSI150
200	157	28.5	274	274	274	272	278
250	195	28.5	329	329	335	335	339
300	230	38	379	385	385	383	409
350	270	44.5	438	444	446	446	449
400	310	51	489	496	496	496	512
450	360	60.5	538	555	559	559	545
500	406	63.5	593	616	616	616	605
600	490	70	695	733	727	724	714

* VALVE SIZE ABOVE 24" CAN BE SUPPLIED AS PER CUSTOMER REQUIREMENTS