

SINGLE PLATE WAFER CHECK VALVE



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Widely accepted by Municipal Corporations, Water Supply Authorities and Industrial users.
Designed as per latest edition of API : 6D specifications.

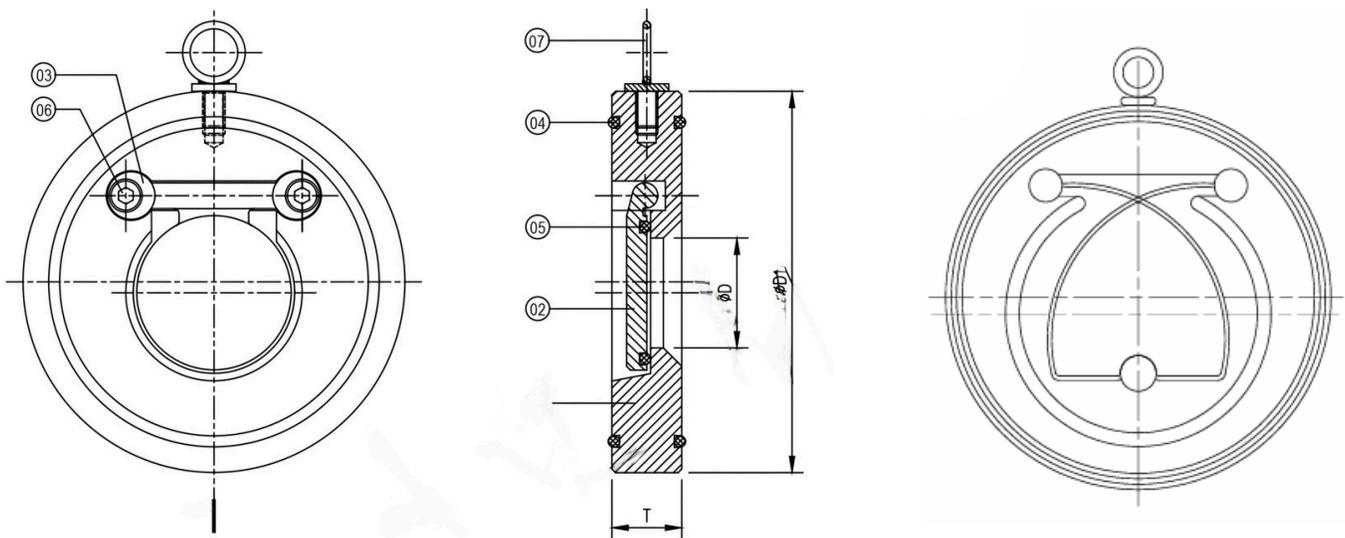
Applications :

- Single Plate Check Valves are used in pipe lines to prevent reverse flow of water and water hammer to the pumps from rising mains

Features :

- Precise machined body seat surface and Disc seats for drop tight seat
- The light weight disc is provided with quick bonk spring for slamless closure
- Special D-Shaped High torsion spring coil ensures quick valve closure
- Innovative Hinge pin holding design for maintenance free operation
- Suitable for Horizontal and vertical pipe line
- Flexible Installation to suit pipe orientation
- Opening and closing of the valve will take place at an extremely low-pressure difference over the valve disc
- The eccentric disc shaft combination with the disc seat guarantees a positive shut off returning media
- Low pressure drop

• GENERAL OUTLINE DRAWING



VALVE SIZE
40 MM To 400 MM

• GENERAL OUTLINE DIMENSIONS

Size (IN.)	Size (MM)	Ø D (mm)	Ø D1 (mm)	T (mm)
1"	25	13.0	64.0	17.0
1.1/2"	40	19.0	83.0	17.0
2"	50	30.0	95.0	17.0
2.1/2"	65	38.0	109.0	17.0
3"	80	51.0	128.0	17.0
4"	100	70.0	155.0	17.0
5"	125	93.0	185.0	18.0
6"	150	114.0	207.0	18.0
8"	200	157.0	278.0	19.0
10"	250	195.0	329.0	23.0
12"	300	230.0	380.0	23.0
14"	350	270.0	430.0	27.0
16"	400	310.0	489.0	28.0

Standards
DESIGN STD. - AS PER MANUFACTURING STD.
TESTING & INSPECTION STD. - API 598
INSTALL BETWEEN 150# FLANGES

• TEST PRESSURE

Hydrostatic Body	Hydrostatic Seat
15 KG/CM2	10 KG/CM2

NO.	DESCRIPTION	MATERIAL	QTY.
01	BODY	DUCTILE IRON	1
02	DISC	S.S.316	1
03	HINGE PIN WASHER	S.S.	2
04	BODY 'O' RING	EPDM	2
05	SEAT	EPDM	1
06	HINGE PIN	S.S.	2
07	LIFTING HOOK	S.S.	1

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