

DUAL PLATE CHECK VALVE

Wafer Type, PN16

The BSV4-CWD Dual Plate Check Valves is designed for Chilled & Hot Water for purpose non-return valve that is stronger, lighter in weight and smaller in size as compared to other Check valve.

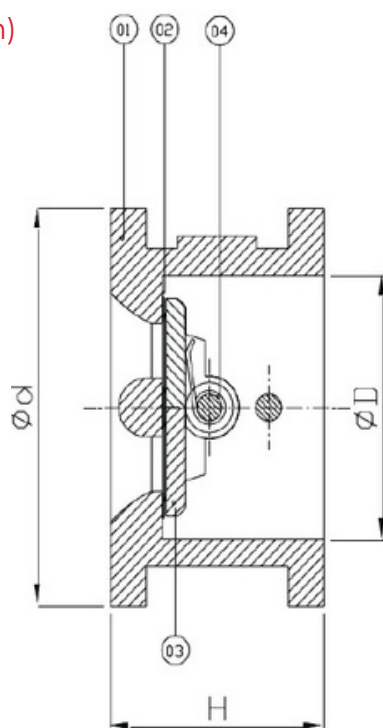


PRODUCT DATA

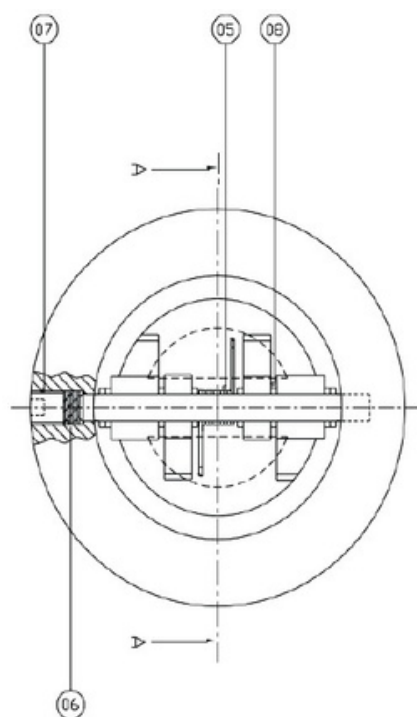
FEATURES	
Size range (DN50 - DN600)	
Cast Iron/Ductile Iron Body	
D.I / S.S Disc	
Wafer type Tight shut-off type design	
SPECIFICATIONS	
DESIGN STANDARD	API-594
SIZES	DN50 - DN600
NOMINAL PRESSURE	PN16

MEDIUM TEMPERATURE	-10°C ~ +110°C Maximum
BODY MATERIAL	C.I-Up to DN250, D.I-DN300 to DN600
SHAFT MATERIAL	ASTM A276 TYPE 410
PLATE MATERIAL	DI / SS, Seal EPDM
MEDIUM TYPE	Water
SUITABLE FOR INSERTION BETWEEN FLANGES:	ISO7005-2/BS10 Table D/E IS: 1538
HYDROSTATIC TEST PRESSURE	
SHELL TEST	24 Bar
SEAT TEST	17.6 Bar

DIMENSIONS (mm)



SECTION AT 'AA'



PART DESCRIPTIONS

SR. NO.	NAME	MATERIAL	SPECIFICATION	QTY
1	BODY	CI /DI	IS:210 Gr FG 260/ IS 1865 Gr.400/15	1
2	SEAT	EPDM	-----	1
3	DISC/PLATES/FLAP	DI/S.S (LAPPED)	IS 1865 Gr.400/15/ ASTM A351 Gr.CF8	2
4	SHAFT	S.S	ASTM A 276 GR SS410	2
5	SPRING	S.S	AISI 304	TO SUIT
6	O-RINGS	EPDM	----	TO SUIT
7	PLUG	M.S	IS 2062	4
8	FASTENERS	STAINLESS STEEL	-----	TO SUIT
9	NAMEPLATE	ALUMINIUM	-----	

OUTSIDE DIMENSIONS (mm)

SIZE	50	65	80	100	125	150	200	250	300	400	450	450	500	600
ØD±5	62.5	74	91	116	145	169.5	220	273	324	357	406.5	457	508	610
Ød±3	95	110	130	160	188	212	272	320	370	442	495	540	595	698
H±3	54	54	57	64	70	76	95	108	143	184	191	203	219	222

MODEL TABLE FOR DI DISC

SIZE	MODEL NUMBER	DESCRIPTION
DN50	BSV4-CWD-GP16-G050	Dual Plate Check Valve, CI Body, DI Disc, PN16, DN50
DN65	BSV4-CWD-GP16-G065	Dual Plate Check Valve, CI Body, DI Disc, PN16, DN65
DN80	BSV4-CWD-GP16-G080	Dual Plate Check Valve, CI Body, DI Disc, PN16, DN80
DN100	BSV4-CWD-GP16-G100	Dual Plate Check Valve, CI body, DI Disc, PN16, DN100
DN125	BSV4-CWD-GP16-G125	Dual Plate Check Valve, CI Body, DI Disc, PN16, DN125
DN150	BSV4-CWD-GP16-G150	Dual Plate Check Valve, CI Body, DI Disc, PN16, DN150
DN200	BSV4-CWD-GP16-G200	Dual Plate Check Valve, CI Body, DI Disc, PN16, DN200
DN250	BSV4-CWD-GP16-G250	Dual Plate Check Valve, CI Body, DI Disc, PN16, DN250
DN300	BSV4-CWD-GP16-G300	Dual Plate Check Valve, DI body, DI Disc, PN16, DN300
DN350	BSV4-CWD-GP16-G350	Dual Plate Check Valve, DI body, DI Disc, PN16, DN350
DN400	BSV4-CWD-GP16-G400	Dual Plate Check Valve, DI Body, DI Disc, PN16, DN400
DN450	BSV4-CWD-GP16-G450	Dual Plate Check Valve, DI Body, DI Disc, PN16, DN450
DN500	BSV4-CWD-GP16-G500	Dual Plate Check Valve, DI Body, DI Disc, PN16, DN500
DN600	BSV4-CWD-GP16-G600	Dual Plate Check Valve, DI Body, DI Disc, PN16, DN600

MODEL TABLE FOR SS DISC

SIZE	MODEL NUMBER	DESCRIPTION
DN50	BSV4-CWD-GP16-G050-2	Dual Plate Check Valve, CI Body, SS Disc, PN16, DN50
DN65	BSV4-CWD-GP16-G065-2	Dual Plate Check Valve, CI Body, SS Disc, PN16, DN65
DN80	BSV4-CWD-GP16-G080-2	Dual Plate Check Valve, DI Body, SS Disc, PN16, DN80
DN100	BSV4-CWD-GP16-G100-2	Dual Plate Check Valve, CI Body, SS Disc, PN16, DN100
DN125	BSV4-CWD-GP16-G125-2	Dual Plate Check Valve, CI Body, SS Disc, PN16, DN125
DN150	BSV4-CWD-GP16-G150-2	Dual Plate Check Valve, CI Body, SS Disc, PN16, DN150
DN200	BSV4-CWD-GP16-G200-2	Dual Plate Check Valve, CI Body, SS Disc, PN16, DN200
DN250	BSV4-CWD-GP16-G250-2	Dual Plate Check Valve, CI Body, SS Disc, PN16, DN250
DN300	BSV4-CWD-GP16-G300-2	Dual Plate Check Valve, DI Body, SS Disc, PN16, DN300
DN350	BSV4-CWD-GP16-G350-2	Dual Plate Check Valve, DI Body, SS Disc, PN16, DN350
DN400	BSV4-CWD-GP16-G400-2	Dual Plate Check Valve, DI Body, SS Disc, PN16, DN400
DN450	BSV4-CWD-GP16-G450-2	Dual Plate Check Valve, DI Body, SS Disc, PN16, DN450
DN500	BSV4-CWD-GP16-G500-2	Dual Plate Check Valve, DI Body, SS Disc, PN16, DN500
DN600	BSV4-CWD-GP16-G600-2	Dual Plate Check Valve, DI Body, SS Disc, PN16, DN600

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