

CAST STEEL DUAL-PLATE WAFER TYPE SWING CHECK VALVE

CLASS 900, 2"~48"

Series DPC

Features

- Cast steel body construction providing liberal strength to meet most conditions
- A choice of metal-to-metal or soft sealing
- Full range of pressure class and sizes
- Variety of body and disc materials
- Savings in price and installation cost compared to conventional check valves

Standards

- Basic design to API 594
- Face-to-Face acc. to API 594
- Flange Dimensions acc. to ASME B16.5
- Inspection & test according to API 598

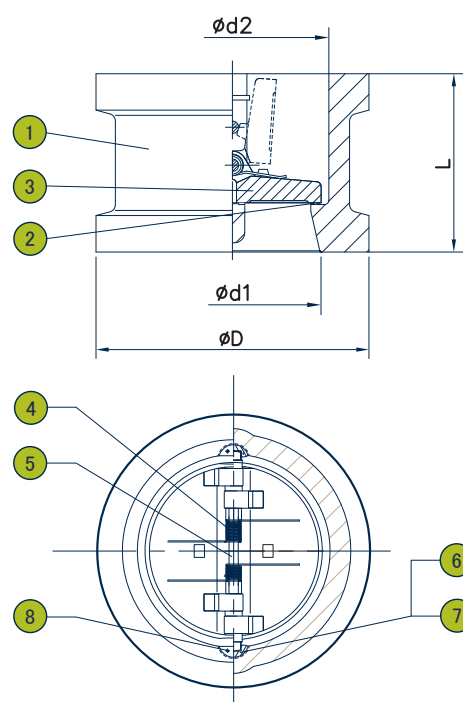
Materials List		
No.	PARTS NAME	MATERIALS
1	BODY	CF8M / WCB / CF8 / CF3
2	SEALING	VITON / BUNA-N / CF8M / CF8 CF3 / EPDM / 13Cr / STL
3	DISC	CF8M / WCB / CF8 / CF3
4	SPRING	INCONEL-X750
5	HINGE PIN	F316 / F304 / F304L
6	SPLIT RING	F316 / F304 / F304L
7	SPLIT POSITIONING BLOCK	F316 / F304 / F304L
8	POSITIONING SCREW	F316 / F304 / F304L / 1035

* Enclosed is a condensed table. For complete options, contact PVS FLOW CONTROL directly.

PMA: 285 psi@34°F
TMA: 176°F for Soft seat
572°F for Metal seat

Selection:

Material of Body:
CF8M / WCB / CF8 / CF3



ASME B16.5 Dimensions (mm)

Size		D	L	d1	d2
DN	IN				
50	2"	140	70	51	58
65	2½"	162	83	65	73
80	3"	165	83	80	90
100	4"	204	102	102	108
125	5"	245	110	127	136
150	6"	286	159	150	162
200	8"	356	206	200	212
250	10"	432	241	250	266
300	12"	495	292	305	312
350	14"	518	356	337	355
400	16"	572	384	387	400
450	18"	635	451	438	450
500	20"	695	451	487	496
600	24"	835	495	591	600

Dimensions (mm)

Size		ASME B16.47 B				ASME B16.47 A			
DN	IN	D	L	d1	d2	D	L	d1	d2
650	26"	835	533	617	630	879	533	617	630
700	28"	898	572	665	680	943	572	665	680
750	30"	955	635	712	735	1006	635	712	735
800	32"	1012	660	760	784	1070	660	760	784
900	36"	1120	718	855	865	1195	718	855	865
1000	40"	-	-	-	-	1246	762	950	965
1050	42"	-	-	-	-	1296	787	995	1015
1200	48"	-	-	-	-	1483	851	1140	1160