

CAST STEEL DUAL-PLATE WAFER TYPE SWING CHECK VALVE CLASS 600, 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

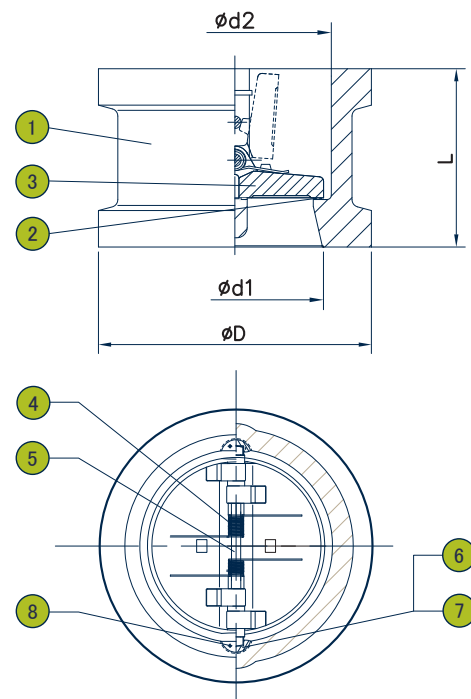
PMA: 285 psi@34°F
TMA: 176°F for Soft seat
572°F for Metal seat

Selection:

Material of Body:
CF8M / WCB / CF8 / CF3

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.



ASME B16.5 Dimensions (mm)

Size		D	L	d1	d2	Weight kg
DN	IN					
50	2"	110	60	51	58	4
65	2½"	128	67	65	73	5
80	3"	147	73	80	88	8
100	4"	191	79	102	108	11
125	5"	239	105	127	136	20
150	6"	264	136	152	162	26
200	8"	318	165	200	212	55
250	10"	398	213	250	266	95
300	12"	455	229	305	312	140
350	14"	490	273	337	355	223
400	16"	562	305	387	400	360
450	18"	610	362	438	450	395
500	20"	680	368	489	500	520
600	24"	786	438	591	600	836

ASME B16.47B Dimensions (mm)

Size		ASME B16.47 B					ASME B16.47 A				
DN	IN	D	L	d1	d2	Weight kg	D	L	d1	d2	Weight kg
650	26"	761	457	633	640	950	863	457	633	640	980
700	28"	815	483	684	690	1215	910	483	684	690	1250
750	30"	875	505	735	740	1378	967	505	735	740	1420
800	32"	928	533	779	784	1643	1020	533	779	784	1700
900	36"	1045	635	874	880	2120	1126	635	874	880	2200
1000	40"	-	-	-	-	-	1153	660	976	985	2650
1050	42"	-	-	-	-	-	1215	702	1020	1030	3135
1200	48"	-	-	-	-	-	1386	787	1166	1170	3755

Note: Torque measured at ambient temperature with no loading ; safety factor is not included.