

CAST STEEL DUAL-PLATE WAFER TYPE SWING CHECK VALVE

CLASS 300, 2"~60"

Series DPC

Features

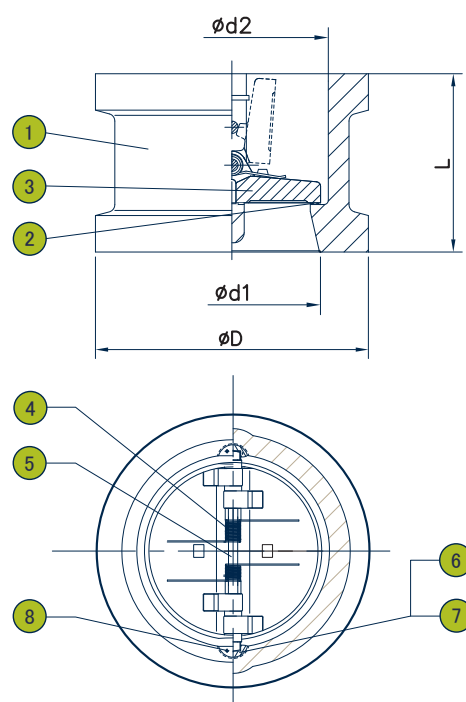
- Cast steel body construction providing liberal strength to meet most conditions
- A choice of metal-to-metal or soft sealing
- Full range of pressure class and sizes
- Variety of body and disc materials
- Savings in price and installation cost compared to conventional check valves

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.



ASME B16.5 Dimensions (mm)

Size	D	L	d1	d2	Weight kg
DN IN					
50 2"	110	60	51	58	3
65 2½"	128	67	65	73	4
80 3"	147	73	80	88	6
100 4"	179	73	102	108	8
125 5"	214	86	127	132	15
150 6"	249	98	152	160	18
200 8"	305	127	203	210	31
250 10"	359	146	254	266	51
300 12"	420	181	305	310	77
350 14"	483	222	350	355	117
400 16"	537	232	400	405	190
450 18"	594	264	450	455	200
500 20"	652	292	500	505	265
600 24"	772	318	600	608	410

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"	767	356	633	640	565		831	356	633	640	580
700 28"	821	368	685	685	585		895	368	685	685	600
750 30"	882	368	735	740	660		949	368	735	740	680
800 32"	936	368	784	784	970		1003	368	784	784	990
900 36"	1044	483	873	880	1020		1113	483	873	880	1050
1000 40"	1146	546	976	985	1420		1110	546	976	985	1400
1050 42"	1196	568	1035	1045	1540		1161	568	1035	1045	1520
1200 48"	1365	629	1166	1190	2260		1320	629	1166	1190	2250
1350 54"	1526	718	1312	1315	3102		1489	718	1312	1315	3080
1500 60"	1704	838	1458	1470	4315		1642	838	1458	1470	4300

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