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## DUAL PLATE WAFER CHECK VALVE FCV01-W10-16



### APPLICATION

General uses: pumping, water supply, air conditioning installation.  
 DN50-DN150 without Screw Rings, the size up to DN150 with screw rings. It is easy for work.

### CARACTERISTIQUES GENERALES

Design in accordance with standard EN 16767.  
 Range: From DN 40 to DN 800.  
 Mounting between flanges.  
 Working positions: horizontal and vertical ascending, and vertical descending position < DN 150.  
 Mounting in accordance with many standards connections.  
 Low head loss.  
 Stainless steel spring technology to avoid fluid hammer.

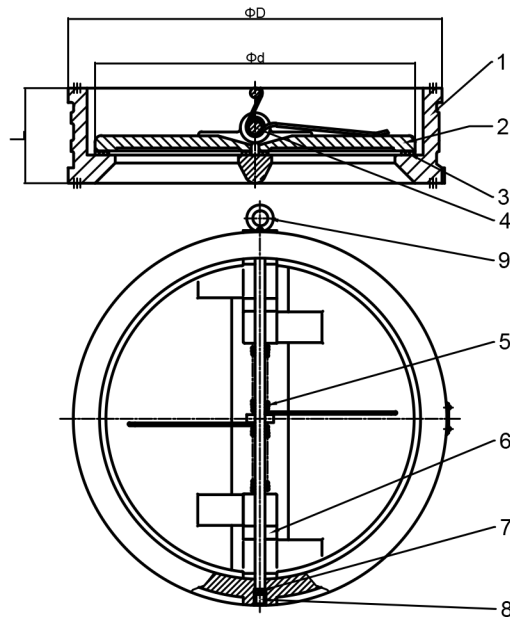


### CONSTRUCTION

NO.	PRATS	MATERIAL
1	BODY	CI / DI / SS / WCB
2	DISC	DI / SS / BRONZE
3	SEAT	NBR / EPDM
4	STEM	SS416 / 316 / 304
5	SPRING	SS304 / 316
6	WASHER	PTFE
7	SHAFT SEAL DISC	NBR / EPDM
8	SET SCREWS	STAINLESS STEEL
9	SCREW RINGS	CARBON STEEL

### DIMENSIONS

DN		ΦD	Φd	L
mm	inch			
40	1.5"	91	35.8	33
50	2"	107	43.3	43
65	2.5"	126	60.2	46
80	3"	141	66.4	64
100	4"	161	90.8	64
125	5"	191	116.9	70
150	6"	217	144.6	76
200	8"	272	198.2	89
250	10"	327	233.7	114
300	12"	377	283.9	114
350	14"	437	332.9	127
400	16"	487	381	140
450	18"	537	430	152
500	20"	592	467.8	152
600	24"	700	572.6	178
700	28"	820	680	229
800	32"	930	782.6	241



### WORKING CONDITIONS

Maximum Working Pressure: 16 bar.  
 Maximum Temperature: +4°C / +110°C.  
 Pressure test according to standards  
 EN 12266-1, DIN 3230, BS 6755 and ISO 5208 :  
 Body : 24 bar.  
 Seat : 17,6 bar

### STANDARDS

Manufacture according to the requirements of the European directive 2014/68/UE «Equipment under pressure»: category III modulate H.  
 Face to face according to standard EN 558-1 serie 16.  
 Mounting between flanges according to standard EN 1092-2 : PN10/16.

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