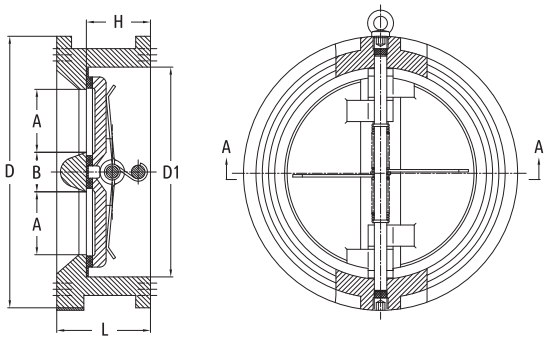
WAFER DOUBLE DOOR CHECK VALVE

PN16 V51DD16
PN25 F51DD25

FEATURES & SPECIFICATIONS

- Spring loaded double door
- Rubber seat for non-slam effect
- Durable fusion bonded epoxy coated
- Comply with DIN 3202-F1
- Wafer connection to BS 4504 PN16 / EN 1092-2 PN16 / BS 4504 PN25 / EN 1092-2 PN25 / ANSI Class 150 (Specify on order)
- WRAS approved option available upon request
- Applicable for Building Services, Air-Conditioning, Fire Protection, Cold Water Plumbing, Hot Water System, Sewerage & Water Treatment, General Industries.





PRESSURE & TEMPERATURE RATINGS

Working Pressure	16bar	25bar
Shell Test Pressure (x1.5)	24bar	37.5bar
Seat Test Pressure (x1.1)	17.6bar	27.5bar
Working Temperature	-20°C ... 110°C (EPDM)	
	-10°C ... 80°C (NBR)	
	-10°C ... 200°C (Viton)	
	-10°C ... 150°C (HT-EPDM)	
Suitable Media	Water	

MATERIAL SPECIFICATIONS

Part	Material	Specification
Body	Ductile Iron	BS EN1563 EN-GJS-450-10
Disc	Ductile Iron Stainless Steel 304 Stainless Steel 316 Aluminium Bronze	BS EN1563 EN-GJS-450-10 EN 10088-3 1.4301 EN 10088-3 1.4401 EN 1982 CuAl10Fe3
Sealing Ring	EPDM NBR	Commercial Commercial
Shaft	Stainless Steel 410	EN 10088-3 1.4006

Part	Material	Specification
Screw	Carbon Steel	BS970 Part1 080A15
Spring	Stainless Steel 316	EN 10088-3 1.4401
Gasket	PTFE	Commercial
Seat	EPDM NBR Viton HT-EPDM	Commercial Commercial Commercial Commercial

DIMENSIONS

(mm)

DN (mm)	40	50	65	80	100	125	150	200	250	300	350	400	450	500	600	700	800
DN (inch)	1½	2	2½	3	4	5	6	8	10	12	14	16	18	20	24	28	32
L	43	43	46	64	64	70	76	89	114	114	127	140	152	152	178	229	241
D (PN16)	91	103	123	142	157	192	218	268	328	380	444	495	554	616	724	806	905
D (PN25)	-	103	123	142	167	192	218	279	334	399	456	512	563	623	724	-	-
D (ANSI)	-	103	123	129	167	192	218	279	334	409	448	512	547	604	724	824	925
D1	65	65	80	94	117	145	170	224	265	310	360	410	450	505	624	722	825
A	12	12	21.5	22.5	32	43.5	51	70.5	90	108	125	148	161.5	188	234	-	-
B	16	16	17	25	24	28	32	41	40	44	48	54	62	62	70	-	-

Note : PN25 only available for size DN50 ... DN600.

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