

# 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 / API 594
- Wafer connection to BS 4504 PN16 / EN 1092-2 PN16 / BS 4504 PN25 / EN 1092-2 PN25 / ANSI Class 150 (Specify on order)
- Applicable for Building Services, Air-Conditioning, Fire Protection, Cold Water Plumbing, Hot Water System, Sewerage & Water Treatment, General Industries.

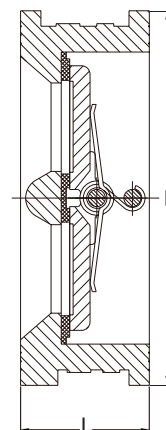


## PRESSURE & TEMPERATURE RATINGS

Working Pressure	16bar	25bar
Shell Test Pressure (x1.5)	24bar	37bar
Seat Test Pressure (x1.1)	17.6bar	27.5bar
Working Temperature	-20°C ... 110°C (EPDM Seat Ring) -10°C ... 80°C (NBR Seat Ring)	
Suitable Media	Water, Oil & Gas	

## MATERIAL SPECIFICATIONS

Part	Material	Specification
Body	Ductile Iron	EN-JS 1050
	Stainless Steel 304	BS970 304C15
	Stainless Steel 316	BS970 316C16
Disc	Ductile Iron	EN-JS 1050
	Aluminium Bronze	EN 1982 CC491K
	Stainless Steel 304	BS970 304C15
	Stainless Steel 316	BS970 316C16
Stem	Stainless Steel 316	BS970 316S16
Seat Ring	EPDM	Commercial
	NBR	
Spring	Stainless Steel 304	BS970 304S15
	Stainless Steel 316	BS970 316S16



## DIMENSIONS

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)	91	103	123	142	167	192	218	279	334	399	456	512	554	616	724	-	-

Notes : PN25 only available for size DN40 ... DN600.