



APPLICATION

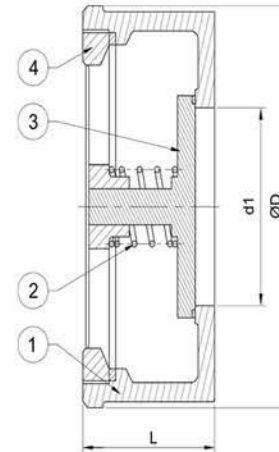
Suitable for water, steam, gases, oil and others non-abrasive media
(Refer to corrosion resistance table for valve materials selection).

SPECIFICATION

Face to Face Dimension	DIN 3202 Part 3-K4
End Connection	Wafer Type to suit DIN, BS and ANSI Flanges
Pressure Rating	DN 15 to DN 100, 40 Bar maximum DN 125 to DN 250, 16 Bar Maximum
Working Temperature	Up to 425°C

MATERIALS

PARTS	FIG. 4D2	FIG. 4D7
1. Body	Carbon Steel ASTM A216 WCB	Stainless Steel 1.4408 (AISI 316)
2. Spring	Stainless Steel ASTM A351 CF8	Stainless Steel 1.4301 (AISI 304)
3. Disc	Stainless Steel AISI 304	Stainless Steel 1.4408 (AISI 316)
4. Disc Retainer	Carbon Steel ASTM A216 WCB	Stainless Steel 1.4408 (AISI 316)



CHECK VALVE DISCO

CARBON STEEL / STAINLESS STEEL



FIG 4D2

OPENING DIFFERENTIAL PRESSURE IN mBAR

Size (mm)	15	20	25	32	40	50	65	80	100	125	150	200
↔	23	23	23	24	25	25	25	26	27	30	30	30
↑	25	25	25	27	29	29	31	32	33	36	35	34
↓	21	21	21	21	21	21	21	21	21	---- Upon Request ----		

*↔ ↑ ↓ = Indicates flow direction

DIMENSIONS (mm)

Size	inch	1/2	3/4	1	1¼	1½	2	2½	3	4	5	6	8	10
	mm	15	20	25	32	40	50	65	80	100	125	150	200	250
Carbon Steel	L	30	30	30	35	35	40	50	60	75	90	105	112	140
	d1	15	20	25	32	40	50	65	80	100	125	150	200	250
	ØD	46	56	65	74	84	103	121	131	156	190	220	273	325
	Weight (Kg)	0.2	0.3	0.45	0.6	0.9	1.3	2.4	3.0	4.3	-	13	24	30
Stainless Steel	L	18	20	22	28	32	40	46	50	61	90	106	140	146
	d1	15	20	25	32	40	50	63	77	96	125	150	196	246
	ØD	46	56	65	74	84	102	121	131	156	190	220	270	328
	Weight (Kg)	0.12	0.18	0.29	0.47	0.7	1	1.74	2.21	3.8	10	13	24	30

*The specifications are subject to change without further notice



FIG 4D7