



V105 Series Double Flanged Short Pattern Butterfly Valves

- Available in sizes from DN50 to DN1200 .
- Rubber liner vulcanized integrally to the body ensuring reduced torque and a long lifetime. It extends along the valve faces, eliminating the use of flange gaskets.
- Bidirectional bubble tight shut off at full rated pressure of 16 bar(g).
- Suitable for installation between flanges according to PN10,PN16 or ANSI Class 150 .
- Face to face dimensions according to DIN EN 558-1 Basic Series 13(Short Pattern).



Dimensions	Output Shaft / Gearbox Dimensions	Part List

Material List

No	Part Name	Material	No	Part Name	Material	No	Part Name	Material
1	Body	Epoxy Coated GGG40 Ductile Iron	3	Seat	EPDM (-30° C ~ +130° C)	9	Lower Stem	AISI420 Stainless Steel
		A216 WCB			NBR (-20° C ~ +100° C)			AISI316 Stainless Steel
		AISI304 Stainless Steel			Silicon (-30° C ~ +200° C)			NBR
		AISI316 Stainless Steel			Viton (-15° C ~ +200° C)			Stainless Steel
2	Disc	AISI316 Stainless Steel	4/5/6/7	Bushing	Bronze / PTFE	12	Washer	Stainless Steel
		Rilsan Coated Nylon11 GGG40 Ductile Iron	8	Upper Stem	AISI420 Stainless Steel	13	Circlip	Stainless Steel
		Alu-Bronze			AISI316 Stainless Steel			
		ETFE Lined AISI316 Stainless Steel						

Dimensions(mm)

DN	A	B	C	H	ØD	E	G	ØD1	ØD2			ISO5211	ØD4	n-Ød (PN10)	n-Ød (PN16)	Ød1	L	S	P	R	ØR
									PN10	PN16	#150										
50	83	120	16	-	-	9	14	52.6	125	125	120,6	50	165	4-19	4-19	7	111				
65	93	130	16	-	-	9	14	64.3	145	145	139,7	50	185	4-19	4-19	7	115	174	64	150	150
80	100	145	16	-	-	9	14	78.8	160	160	152,4	50	200	8-19	8-19	7	117	174	64	150	150
100	114	155	19	-	-	11	14	104	180	180	190,5	70	220	8-19	8-19	10	130	174	64	150	150
125	125	170	25	-	-	14	14	123.3	210	210	215,9	70	250	8-19	8-19	10	143	174	64	150	150
150	143	190	25	-	-	14	14	155.7	240	240	241,3	70	285	8-23	8-23	10	143	174	64	150	150
200	170	205	30	-	-	17	15	202.4	295	295	298,4	102	340	8-23	12-23	12	155	174	64	300	150
250	198	235	39	-	-	22	15	250.4	350	355	361,9	102	395	12-23	12-28	12	168	300	80	300	300
300	223	280	39	-	-	22	18,5	301.5	400	410	431,8	102	445	12-23	12-28	12	182	300	80	300	300
350	270	310	40	-	-	27	20	333.3	460	470	476,2	102	505	16-23	16-31	12	194	300	82	300	300
400	300	340	40	-	-	27	20	389.6	515	525	539,7	140	565	16-28	16-31	18	221	225	82	150	300
450	340	375	40	-	-	36	20	440.5	565	585	577,8	140	615	20-28	20-31	18	227	229,5	110	150	300
500	355	430	40	-	-	36	22	491.6	620	650	635	140	670	20-28	20-34	18	234	254	110	150	300
600	410	500	50	-	-	46	25	592.5	725	770	749,3	165	780	20-31	20-37	22	272	254	110	300	300
700	478	560	-	95	55	-	33	695	840	840		254	895	24-31	24-37	18	299	301	128	300	300
800	529	620	-	95	55	-	33	794.7	950	950		254	1015	24-34	24-41	18	325	355	157	300	300
900	584	665	-	130	75	-	34	864.7	1050	1050		254	1115	28-34	28-41	18	337	355	157	150	300
1000	657	735	-	130	85	-	38	965	1160	1170		254	1230	28-37	28-44	18	417	377,5	170	150	300
1200	799	917	-	150	105	-	35	1160.6	1380	1390		298	1455	32-41	32-50	22	478	476	209	300	350