



DOUBLE FLANGED TYPE BUTTERFLY VALVE

技術參數 Specification



尺寸(SIZE)	DN100 ~ DN1200
適用壓力(PRESSURE RATING)	PN10 / PN16, ANSI 150#, JIS 10K
閥體試驗壓力(BODY TEST PRESSURE)	1.5 ~ 2.4 Mpa
密封試驗壓力(SEAT TEST PRESSURE)	1.1 ~ 1.7Mpa
適用溫度(OPERATION TEMPERATUER)	-20°C ~ 200°C
適用流體(FUID)	污水, 水, 油, 氣 Sewage, Water, Oil, Gas
表面塗裝(PAINTING)	環氧樹脂粉體塗裝 Epoxy Coating

特點 Feature

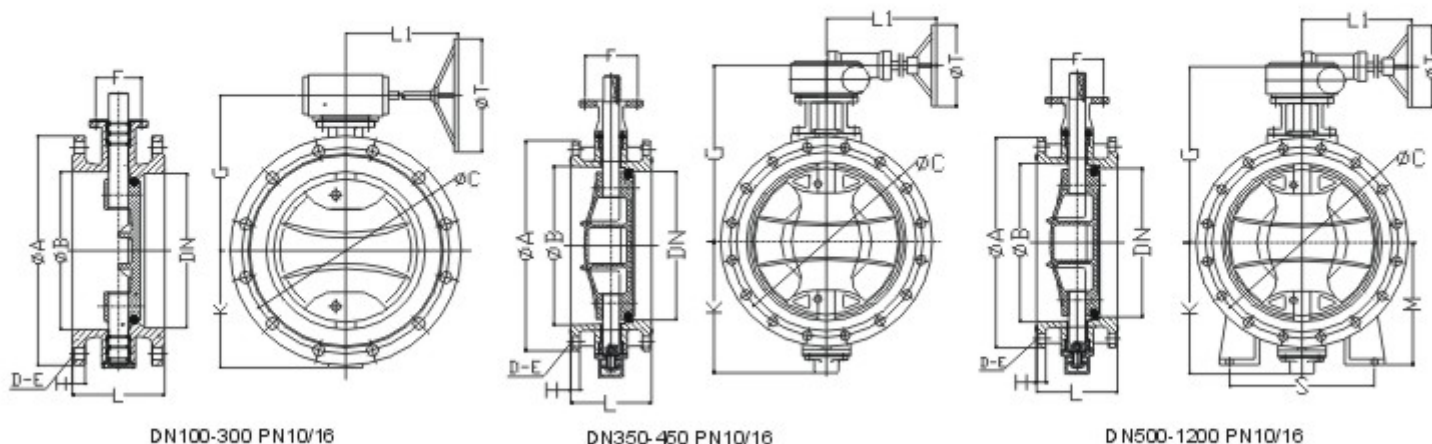
- ▶ 閥瓣為雙平板衍架流通式，流體阻抗小。
- ▶ 閥座採用不銹鋼，用特殊接合劑固定閥體上。
- ▶ 閥瓣密封環採用鋸齒狀橡膠直接嵌入，無須使用螺栓或其他固定，因此具有結構簡單、密封好等特點。
- ▶ 閥瓣密封環與閥座接觸面積可達 $\pm 1^\circ$ 或零洩漏。
- ▶ 採用美國專利設計退拔銷取代軸與閥瓣間的聯接結構，令閥軸與閥瓣緊密接合在一起。
- ▶ 閥軸的軸承採用自潤軸承，作動中摩擦變小，不需另外潤滑。
- ▶ 閥體結構設計遵照BS5155
- ▶ 閥體法蘭連接尺寸遵照BS4505 section3.2，ANSI B16.1 Class125/150或DIN2501 PN10 / PN16或JIS B2210 10K。
- ▶ Head loss will be lower because of Dual parallel joist structure for disc.
- ▶ Stainless steel seat, it fixed on the valve's body by means of special cement.
- ▶ Dentate rubber Seal ring can be easy to imbed in disc without bolts or other things. Meanwhile, also it is looks very simple and can be replaced easily without disassemble for the disc & shaft, but it gives the good seal for the valve.
- ▶ Drop-tight even if the disc over $\pm 1^\circ$ or not.
- ▶ US patent design's eccentric taper pin instead of the traditional key can be connecting with the disc and the shaft very well.
- ▶ Self-lubrication bearing for the shaft, the friction is very small when the valves operated. And that is oil free design.
- ▶ Structural design complies with BS5155.
- ▶ Flange drilling can acc to BS4505 section3.2, ANSI B16.1 Class125/150 or DIN2501 PN10 / PN16 or JIS B2210 10K.

材質表 Materials

零件名稱	Name	規格	Specification	JIS	ASTM
閥體	Body	鑄鐵	Cast Iron	FC 200	A126 CI.B
		球墨鑄鐵	Ductile Iron	FCD400	A395
		不銹鋼	Stainless Steel	SCS 13A SCS 14A	A351 Gr. CF8 A351 Gr. CF8M
閥瓣	Disc	球鐵鍍鎳	D.I. + Nickel Plated		
		球墨鑄鐵	Ductile Iron	FCD400	A395
		不銹鋼	Stainless Steel	SCS 13A	A351 Gr. CF8
				SCS 14A	A351 Gr. CF8M
鋁青銅	Alu-Broze	ALBC2	B148 C95400		
閥杆	Stem	不銹鋼	Stainless Steel	SUS 410	A182 Gr. F6A
				SUS 304	A182 Gr. F304
				SUS 316	A182 Gr. F316
閥座	Seat	晴橡膠	NBR		
		乙烯橡膠	EPDM		
		四氯化碳橡膠	VITON		
		速立康	Slicon		
		聚四氟乙烯	PTFE		
軸銷	Taper pin	不銹鋼	Stainless Steel	SUS 304	A182 Gr. F304
O型環	O-Ring	晴橡膠	NBR		



DOUBLE FLANGED TYPE BUTTERFLY VALVE



DN100-300 PN10/16

DN350-450 PN10/16

DN500-1200 PN10/16

尺寸表 Dimension

SIZE	PN	A	B	C	D	E	K	G	H	L	L1	T	F	S	M
4	PN10	220	112	180	8	19	110	173	19	127	190	150	70(F07)	NA	NA
5	PN10	250	137	210	8	19	120	180	19	140	190	150	70(F07)	NA	NA
6	PN10	285	160	240	8	23	133	190	19	140	190	220	102(F10)	NA	NA
8	PN10	340	208	295	8	23	164	242.5	20	152	240	300	102(F10)	NA	NA
10	PN10	395	256	350	12	23	188	265	22	165	240	300	125(F12)	NA	NA
12	PN10	445	306	400	12	23	227	290	24.5	178	240	300	125(F12)	NA	NA
14	PN10	505	370	460	16	23	311	438	24.5	190	336	220	140(F14)	NA	NA
16	PN10	565	426	515	16	28	353	473	24.5	216	336	220	140(F14)	NA	NA
18	PN10	615	475	565	20	28	389.5	520.5	25.5	222	336	220	140(F14)	NA	NA
20	PN10	670	525	620	20	20	432	569	26.5	229	351	350	165(F16)	500	400
24	PN10	780	624	725	20	20	514	667	30	267	402	350	165(F16)	600	450
28	PN10	895	727.9	840	24	24	591.3	750	32.5	292	439	350	254(F25)	700	500
32	PN10	1015	831.6	950	24	24	681.8	820	35	318	439	350	254(F25)	800	550
36	PN10	1115	922	1050	28	28	720	952	37.5	330	519	500	254(F25)	900	600
40	PN10	1230	1023.4	1160	28	28	832.5	1096	40	410	519	500	254(F25)	1000	650
48	PN10	1455	1226.2	1380	32	32	992	1282	45	470	648	500	298(F30)	1200	750
4	PN16	220	112	180	8	19	110	173	19	127	190	150	70(F07)	NA	NA
5	PN16	250	137	210	8	19	120	180	19	140	190	150	70(F07)	NA	NA
6	PN16	285	160	240	8	23	133	190	19	140	190	220	102(F10)	NA	NA
8	PN16	340	208	295	12	23	164	242.5	20	152	240	300	102(F10)	NA	NA
10	PN16	405	256	355	12	28	188	265	22	165	240	300	125(F12)	NA	NA
12	PN16	460	306	400	12	28	227	290	24.5	178	240	300	125(F12)	NA	NA
14	PN16	520	370	470	16	28	311	438	26.5	190	336	220	140(F14)	NA	NA
16	PN16	580	426	525	16	31	353	473	28	216	336	220	140(F14)	NA	NA
18	PN16	640	475	585	20	31	389.5	542	30	222	351	350	165(F16)	NA	NA
20	PN16	715	525	650	20	34	432	586	31.5	229	400	350	165(F16)	500	400
24	PN16	840	624	770	20	37	514	685	36	267	439	350	254(F25)	600	450
28	PN16	910	727.9	840	24	37	591.3	750	39.5	292	439	350	254(F25)	700	500
32	PN16	1025	831.6	950	24	40	681.8	924	43	318	519	500	254(F25)	800	550
36	PN16	1125	922	1050	28	40	720	1002	46.5	330	648	500	298(F30)	900	600
40	PN16	1255	1023.4	1170	28	43	832.5	1144	50	410	664	500	356(F35)	1000	650
48	PN16	1485	1226.2	1390	32	49	992	1307	57	470	664	500	356(F35)	1200	750