



Nominal pressure		PN10	PN16
Test pressure	Strength test	1.5 Mpa	2.4Mpa
	Sealing test	1.1 Mpa	1.76Mpa
Maximum working temperature		-10°C to +90°C	-10°C to +90°C
Suitable Media		W.O.G etc	W.O.G etc

- 1.Design and manufacture according to API609.
- 2.Face to face according to API609.
- 3.Flange drilling according to EN1092-2 PN10/16.
- 4.Top flange drilling according to ISO 5211.
- 5.Pressure test according to ISO5208.
- 6.Work pressure: PN10/16

Size	Name	Material	Remark
1	Body	Ductile iron	
2	Disc	Ductile iron+Ni/SS304/SS316	
3	Stem	SS420	
4	Seat	EPDM;NBR;PTFE c/w EPDM	
5	Bushing	PTFE	
6	Seal ring	EPDM	
7	Pin	SS	

DN	L	EN1092-2 PN10			EN1092-2 PN16			H1±5 (Max)	H2±5 (Max)	H3	Top	φN	φC1	n1-φd1	φc
		φC	n-φd	4-M	φC	n-φd	4-M								
600	154	725	20-31	-	770	20-37	-	562	444	70.2	F16	210	165	4-22	50.65
700	165	840	20-31	4-M27	840	20-37	4-M33	631	514	66	F25	300	254	8-18	55
750	165	900	20-34	4-M30	900	20-37	4-M33	664	544	66	F25	300	254	8-18	55
800	190	950	20-34	4-M30	950	20-41	4-M36	672	576	66	F25	300	254	8-18	55
900	203	1050	24-34	4-M30	1050	24-41	4-M36	728	638	118	F25	300	254	8-18	75
1000	216	1160	24-37	4-M33	1170	24-44	4-M39	800	701	142	F25	300	254	8-18	85
1200	276	1380	28-41	4-M36	1390	28-50	4-M45	945	855	160	F30	350	298	8-22	105

DRN	Wang	WEIGHT		MATERIAL
CHK		SCALE		Butterfly Valve
APP		DATE	07/20/2024	
				B10W-YX
				REV