



KXC

VALVE SUPPLIER

天津市科信成金属制品有限公司
TIANJIN KXC METAL PRODUCTS CO., LTD.



BFV-101



BFV-102



BFV-103



BFV-104



BFV-105



BFV-201



BFV-202



BFV-203



BFV-204



BFV-205



BFV-301



BFV-302



BFV-303



BFV-304



BFV-305



BFV-401



BFV-402



BFV-403



BFV-404



BFV-405



BFV-501



BFV-502



BFV-503



BFV-504



BFV-505



BFV-601



BFV-602



BFV-603



BFV-604



BFV-605

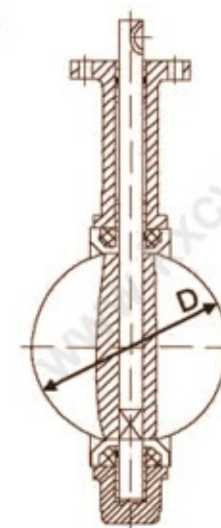
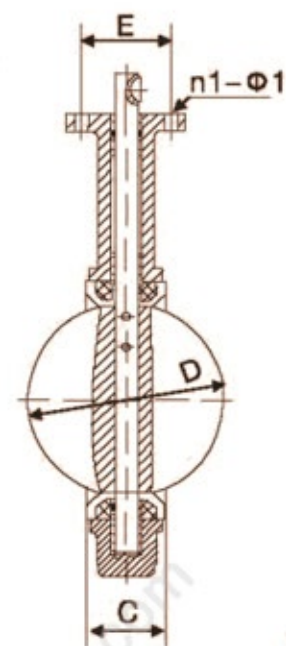
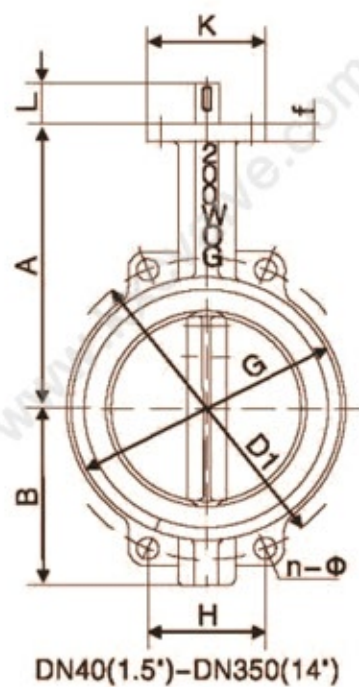
Selection Table of Materials Applicable for Medium

Material		Applicable temperature	Applicable medium											Feature
			Fresh water	Sea water	Salt	Strong base	Weak base	Weak acid	Natural gas	Alcohol	Steam	Oil	Food	
Seat	Natural rubber	-25 ~ +70	√	√	√		√	√					√	High elasticity
	Hypalon	-18 ~ +100	√	√	√		√	√		√				Oxidation resistant
		-18 ~ +130												
	EPDM	-25 ~ +125	√	√	√		√	√			√	√	Aging resistant	
		-30 ~ +135												
	Neoprene	-7 ~ +93	√	√	√	√	√	√						Light-proof,aging resistant
		-7 ~ +107												
	NBR	-25 ~ +82	√		√		√		√			√	√	Oil resistant
-25 ~ +93														
Viton	-12 ~ +150	√	√	√			√	√	√		√		High temperature resistant ,corrosion resistant	
	-12 ~ +180													
Silicon	-40 ~ 180	√			√			√	√				Low temperature resistant	
HNBR	-40 ~ 150	√		√		√		√			√	√	High temperature resistant	
Disc	Electric plating DI	-30 ~ +350	√			√				√	√	√		Heat resistant
	Aluminum bronze	-273 ~ +232	√	×		√		√	√	√	√	√		Heat resistant, corrosion resistant
	Stainless steel	-268 ~ +316	√	×			√	√	√	√	√	√	√	High temperature resistant, corrosion resistant

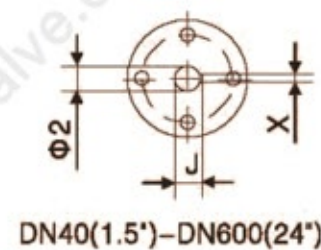
The Torque of The Butterfly Valves

size		Torque (Seal: EPDM)			Top Flange
DN(mm)	in	6(bar)	10(bar)	16(bar)	iso 5211
50	2	9	10	12	F05
65	2.5	10	12	15	F05
80	3	20	23	30	F05
100	4	30	50	60	F07
125	5	50	80	100	F07
150	6	70	110	150	F07
200	8	100	180	230	F10
250	10	150	230	300	F10
300	12	240	350	400	F12
350	14	350	450	700	F12
400	16	600	800	1100	F14
450	18	800	1200	1500	F14
500	20	2000	2500	3000	F14
600	24	3000	3500	4500	F16
700	28	4800	5500	7700	F25
750	30	5600	6500	8600	F25
800	32	6000	7500	10500	F25
900	36	7300	8500	12000	F25
1000	40	9000	11500	16000	F25
1200	48	13000	21000	26000	F30

Product Drawings & Dimension



One Piece With Pinless



Size		A	B	C	D	L	H	D1	n-Φ	K	E	n1-Φ1	Φ2	G	n2-M	f	J	X	Weight (kg)
mm	inch																		
40	1.5	136	69	33	42.6	30	77.77	110	4-18	77	50	4-6.7	12.6	100	-	13	13.8	3	2.3
50	2	161	80	43	52.9	32	84.84	125	4-23	77	57.15	4-6.7	12.6	100	-	13	13.8	3	2.5
65	2.5	175	89	46	64.5	32	96.2	145	4-26.5	77	57.15	4-6.7	12.6	120	-	13	13.8	3	3.2
80	3	181	95	46	78.8	32	61.23	160	8-18	77	57.15	4-6.7	12.6	127	-	13	13.8	3	3.6
100	4	200	114	52	104	32	70.8	180	4-24.5	92	69.85	4-10.3	15.77	156	-	13	17.77	5	4.9
125	5	213	127	56	123.3	32	82.28	210	4-23	92	69.85	4-10.3	18.92	190	-	13	20.92	5	7
150	6	226	139	56	155.6	32	91.08	240	4-25	92	69.85	4-10.3	18.92	212	-	13	20.92	5	7.8
200	8	260	175	60	202.5	45	112.89 76.35	295	4-25 4-23	115	88.9	4-14.3	22.1	268	-	13	24.1	5	13.2
250	10	292	203	68	250.5	45	92.4	350 355	4-29	115	88.9	4-14.3	28.45	325	-	13	31.45	8	19.2
300	12	337	242	78	301.6	45	105.34	400 410	4-29	140	107.95	4-14.3	31.6	403	-	20	34.6	8	32.5
350	14	368	267	78	333.3	45	91.11	460 470	4-30	140	107.95	4-14.3	31.6	436	-	20	34.6	8	41.3
400	16	400	309	86 102	389.6	51.2 72	100.47 102.42	515 525	4-26 4-30	197	158.75	4-20.6	33.15	488	-	20	36.15	10	61
450	18	422	328	105 114	440.51	51.2 72	88.39 91.51	565 585	4-26 4-30	197	158.75	4-20.6	37.95	536	-	20	41	10	79
500	20	480	361	127	491.6	64.2 82	86.99 101.68	620 650	4-26 4-33	197	158.75	4-20.6	41.15	590	-	22	44.15	10	128
600	24	562	459	154	592.5	70.2 82	113.42 120.46	725 770	20-30 20-36	276	215.9	4-22.2	50.65	816	-	22	54.65	16	188
700	28	624	520	165	695	66	109.65	840	24-30	300	254	8-18	63.35	895	-	30	71.4	18	284
800	32	672	591	190	794.7	66	124	950	24-33	300	254	8-18	63.35	1015	-	30	71.4	18	368
900	36	720	656	203	864.7	118	117.57	1050	24-33	300	254	8-18	75	1115	4-M30	34	84	20	713
1000	40	800	721	216	965	142	129.89	1160/1170	24-36	300	254	8-18	85	1230	4-M33	35	95	22	864
1200	48	940.7	864	254	1160	150	101.5	1380/1390	32-39	350	298	8-22	105	1455	4-M36	35	117	28	1210



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