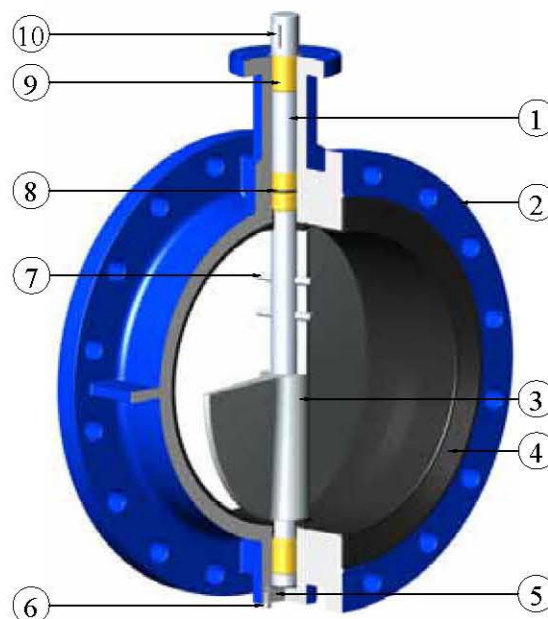


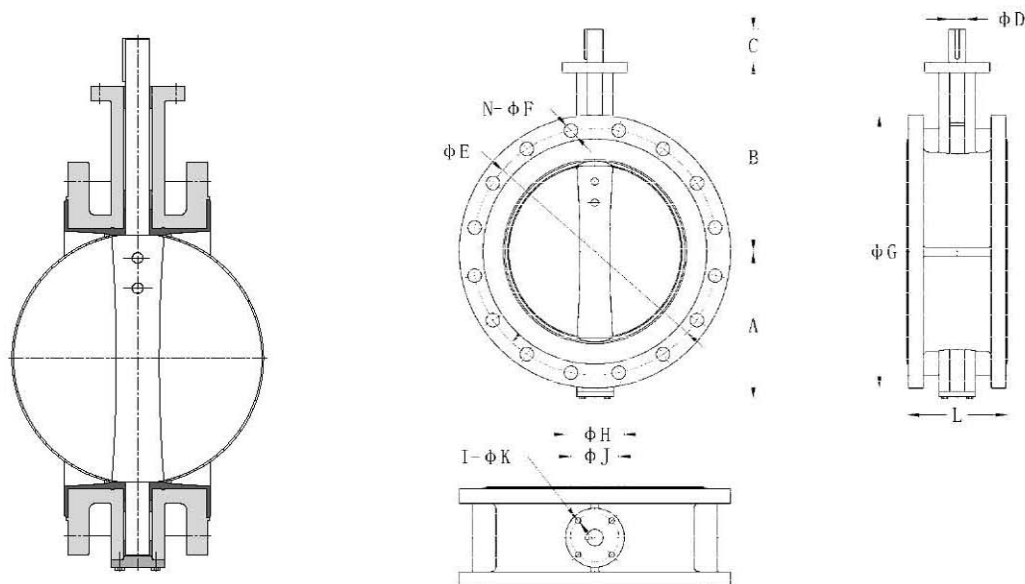
Series F401 valves designed to comply with BS5155. Compatible with GB, DIN, BS and ANSI125/150 flanges. Face to face according to ISO 5752 basic series 13 (short)/DIN 3202 part 1 series F16. Characteristic of series F401 valve is to splice the rubber liner on the body, the strength more highly and the seal more reliably for the seat. There is O-ring casted on the seal surface of the seat, negates need for flange gaskets. Available in size 2" to 48". Available with handles, manual gear operators, and electric or pneumatic actuators.



Materials List

Item	Part Name	Materials
1	Stem	Zinc Plated Steel; Stainless Steel: ASTM A276 Type 316, Type 410, Type 420; ASTM A582 Type 416;
2	Body	Cast Iron: ASTM A126CL. B , DIN1691 GG25, EN 1561 EN-GJL-200; GB12226 HT200; Ductile Cast Iron: ASTM A536 65-45-12, DIN 1693 GGG40, EN1563 EN-GJS-400-15, GB12227 QT450-10;
3	Disc	Ductile Cast Iron(Nickel plated): ASTM A536 65-45-12, DIN 1693 GGG40, EN1563 EN-GJS-400-15, GB12227 QT450-10; Stainless Steel: ASTM A351 CF8, CF8M; CF3, CF3M; EN 1.4408, 1.4469; 1.4501; AL-Bronze: ASTM B148 C95400;
4	Seat	NBR, EPDM, Neoprene, PTFE, Viton;
5	End Cap	Cast Iron: ASTM A126CL. B ,DIN1691 GG25, EN 1561 EN-GJL-200; Ductile Cast Iron: ASTM A536 65-45-12, DIN 1693 GGG40, EN1563 EN-GJS-400-15,
6	Bolt	Zinc Plated Steel;
7	Taper Pin	Stainless Steel: ASTM A276 Type 304, Type 316; EN 1.4501;
8	O-Ring	NBR, EPDM, Neoprene, Viton;
9	Bushing	PTFE, Lubricated Bronze;
10	Key	Carbon Steel

Double Flanged Short Type Butterfly Valve



Dimensions List (mm)

Size		A	B	C	D	E			N-F			G			H	J	I-K	L
mm	inch					ANSI150	PN10	PN16	ANSI150	PN10	PN16	ANSI150	PN10	PN16				
50	2	70	130	32	12.7	120.7	125	125	4-19	4-18	4-18	152	165	165	90	70	4-9.5	108
65	2½	75	140	32	12.7	139.7	145	145	4-19	4-18	4-18	178	185	185	90	70	4-9.5	112
80	3	85	150	32	12.7	152.4	160	160	4-19	4-18	8-18	191	200	200	90	70	4-9.5	114
100	4	104	160	32	15.9	190.5	180	180	8-19	8-18	8-18	229	220	220	90	70	4-9.5	127
125	5	112	180	32	19.1	215.9	210	210	8-22	8-18	8-18	254	250	250	90	70	4-9.5	140
150	6	130	200	32	19.1	241.3	240	240	8-22	8-22	8-22	279	285	285	90	70	4-9.5	140
200	8	160	230	38	22.2	298.5	295	295	8-22	8-22	12-22	343	340	340	125	102	4-11.5	152
250	10	194	260	38	28.6	362	350	355	12-25	12-22	12-26	406	395	405	125	102	4-11.5	165
300	12	220	300	38	31.8	431.8	400	410	12-25	12-22	12-26	483	445	460	125	102	4-11.5	178
350	14	270	360	45	31.8	476.3	460	470	12-29	16-22	16-26	533	505	520	125	102	4-11.5	190
400	16	305	390	51	33.3	539.8	515	525	16-29	16-26	16-30	597	565	580	210	165	4-22	216
450	18	332	420	51	38.1	577.9	565	585	16-32	20-26	20-30	635	615	640	210	165	4-22	222
500	20	362	470	64	41.3	635	620	650	20-32	20-26	20-33	699	670	715	210	165	4-22	229
600	24	415	540	70	50.8	749.3	725	770	20-35	20-30	20-36	813	780	840	210	165	4-22	267
700	28	515	565	72	55	863.6	840	840	28-35	24-30	24-36	927	895	910	300	254	8-18	292
750	30	545	612	72	55	914.4	900	900	28-35	24-33	24-36	984	970	970	300	254	8-18	318
800	32	565	640	72	55	977.9	950	950	28-41	24-33	24-39	1060	1015	1025	300	254	8-18	318
900	36	605	680	77	75	1085.9	1050	1050	32-41	28-33	28-39	1168	1115	1125	300	254	8-18	330
1000	40	685	760	85	85	1200.2	1160	1170	36-41	28-36	28-42	1289	1230	1255	300	254	8-18	410
1050	42	730	820	85	85	1257.3	---	---	36-41	---	---	1346	---	---	300	254	8-18	410
1100	44	730	820	85	85	1314.5	1270	1270	40-41	32-36	32-42	1403	1340	1355	300	254	8-18	450
1200	48	790	880	150	92	1422.4	1380	1390	44-41	32-39	32-48	1511	1455	1485	350	298	8-22	470

✦ Please contact manufacturer if you want more flange standards.