



HEBEI LEADING METALS & PIPING INDUSTRIES CO., LTD.



蝶阀 BUTTERFLY VALVES

止回阀 CHECK VALVES

驱动装置 ACTUATORS

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F101 系列蝶阀设计符合 MSS SP-67, BS5155 和 API609 标准。适用于 GB、ANSI、DIN、BS、JIS 法兰标准。可提供的尺寸为 1½"-48"。可提供对夹式、凸耳式和 U 型法兰的阀体。可提供手柄 (1½"-12")、蜗动 (1½"-48")、电动或气动驱动 (1½"-48")。F101 系列蝶阀有不同的阀体与内件的组合以满足您的需求。

Series F101 butterfly valves designed to comply with MSS SP-67, BS5155 and API 609. Compatible with GB, ANSI, DIN, BS, JIS flanges. Available in size 1½" to 48". Available in wafer type, lug type and U-section wafer type body. Available with handles (1½" to 12"), manual gear operators (1½" to 48"), and electric or pneumatic actuators (1½" to 48"). With many body/trim combinations, there is a series F101 butterfly valve to meet your application.

8. 键 Key

- ◇ 可选择扁轴或方轴
Optional flat stem or square stem

7. 衬套 Bushing:

- ◇ 减小扭矩 Minimizes torque.
- ◇ 隔离阀轴和阀体，以防止因轴颈腐蚀引起的阀轴卡死
Isolate the stem from the valve body, preventing seizure of the stem due to corrosion in the stem journal.

6. O 型圈 O-Ring:

- ◇ 防止轴端泄漏
Provides further prevention of stem leakage

5. 阀板 Disc

- ◇ 确保零泄漏
Provides bubble-tight shut-off
- ◇ 降低扭矩 Assures minimum torque
- ◇ 延长阀座寿命 Longer seat life

1. 阀体 Body

- ◇ 驱动法兰符合 ISO5211 标准;
Top flange comply with ISO5211;
- ◇ 适用 GB、DIN、BS、JIS、ANSI 标准法兰;
Compatible with GB, DIN, BS, JIS, ANSI flanges

2. 阀轴 Stem

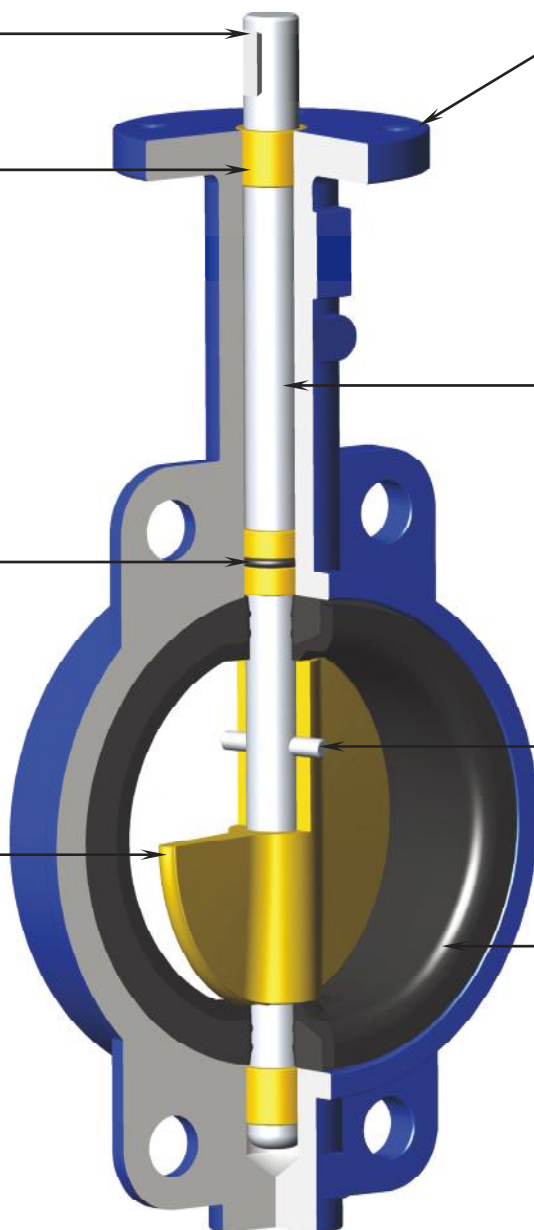
- ◇ 一体通轴 One-piece thru stem
- ◇ 安全可靠 Ensure dependability

3. 锥销 Taper Pin

- ◇ 联接板轴 Stem to disc connection
- ◇ 易于更换 field replaceable

4. 阀座 Seat

- ◇ 筒式阀座 Cartridge seat
- ◇ 易于更换 Field replaceable
- ◇ 无须使用法兰垫片
Negates need for flange gaskets





材质单 Materials List

项目 Item	零件名称 Part Name	材质 Materials
1	阀体 Body	铸铁 Cast Iron: ASTM A126CL. B , DIN1691 GG25, EN 1561 EN-GJL-200; GB12226 HT200; 球墨铸铁 Ductile Cast Iron: ASTM A536 65-45-12, DIN 1693 GGG40, EN1563 EN-GJS-400-15, GB12227 QT450-10; 不锈钢 Stainless Steel: ASTM A351 CF8, CF8M; CF3, CF3M; 碳钢 Carbon Steel: ASTM A216 WCB
2	阀轴 Stem	钢镀锌 Zinc Plated Steel; 不锈钢 Stainless Steel: ASTM A276 Type 316, Type 410, Type 420; ASTM A582 Type 416;
3	锥销 Taper Pin	不锈钢 Stainless Steel: ASTM A276 Type 304, Type 316; EN 1.4501;
4	阀座 Seat	丁晴, 乙丙, 氯丁, 聚四氟乙烯, 氟橡胶; NBR, EPDM, Neoprene, PTFE, Viton;
5	阀板 Disc	球墨铸铁(表面镀镍) Ductile Cast Iron (Nickel plated): ASTM A536 65-45-12, DIN 1693 GGG40, EN1563 EN-GJS-400-15, GB12227 QT450-10; 不锈钢 Stainless Steel: ASTM A351 CF8, CF8M; CF3, CF3M; EN 1.4408, 1.4469; 1.4501; 铝青铜 AL-Bronze: ASTM B148 C95400;
6	O 型圈 O-Ring	丁晴, 乙丙, 氯丁, 氟橡胶 NBR, EPDM, Neoprene, Viton;
7	衬套 Bushing	聚四氟乙烯, 尼龙, 润滑青铜; PTFE, Nylon, Lubricated Bronze;
8	键 Key	碳钢 Carbon Steel

我公司产品的零件材质, 用户可根据需要按材质单选取。用户也可在订货时注明使用介质及工作温度, 由我公司代为选择。当介质和使用工况特殊时, 请与本公司协商。

This buyer can select material as per materials list. The customer may mark the material and temperature used, Our company may select instead. When the medium and temperature is special, please consult with our company.

阀座额定温度 Seat Temperature Ratings

材料 Material		丁晴 NBR	氯丁胶 Neoprene	乙丙 EPDM	海波伦 Hypalon	氟橡胶 Viton	聚四氟乙烯 PTFE
额定温度 Temperature Ratings	℃	-20~100	-40~100	-40~120	-32~135	-12~230	-50~200
	℉	-4~212	-40~212	-40~248	-25.6~275	10.4~446	-58~392

阀座可承受更低温度而不至于损坏。然而, 橡胶会变硬且扭矩增加。有些流体介质可能会对公布温度进一步限制或大大地减少阀座寿命。

Seat materials are capable of withstanding lower temperatures without damage. However, the elastomer becomes hard and torques increase. Some flow media may further restrict the published temperature limits or significantly reduce seat life.



阀门扭矩 Valve Torques (N·M)

阀门规格 Valve Size		不同压力下的扭矩(N·M) Torques for differential pressure				
inch	mm	0.4MPa	0.6MPa	1.0MPa	1.4MPa	1.6MPa
1½"	40	10.2	10.8	11.5	12.5	12.9
2"	50	15.7	16.7	17.5	18.5	19.2
2½"	65	23.7	25.8	27.7	29.8	30.9
3"	80	32.6	34.7	36.7	38.5	39.6
4"	100	45.8	51.0	56.4	61.6	64.8
5"	125	66.8	76.0	85.4	94.5	101.8
6"	150	94.6	109.2	123.8	138.3	147.8
8"	200	167.6	187.0	206.6	226.1	240.0
10"	250	264.2	296.1	328.0	359.8	380.1
12"	300	406.1	442.0	478.1	513.8	538.0
14"	350	417.5	485.5	553.6	627.1	674.9
16"	400	673.8	771.8	870.0	947.0	993.4
18"	450	994.4	1145.6	1297.0	1452.5	1552.9
20"	500	1322.3	1452.1	1581.7	1717.7	1804.6
24"	600	2440.2	2659.4	2878.8	2962.4	3029.9
28"	700	3006.9	3484.6	3978.1	4478.0	4797.9
30"	750	4320.3	4651.5	4982.6	5303.8	5511.5
32"	800	5695.1	6100.9	6597.6	7102.3	7426.0
36"	900	8647.1	9021.6	9395.7	9774.4	10020.8
40"	1000	10934.0	11578.6	12417.0	13111.3	13555.6
42"	1050	13043.4	13608.7	14172.8	----	----
48"	1200	17085.6	17827.3	18566.4	19313.8	19800.3

◇ 表中所有扭矩数值是在“湿”介质（水或其它非润滑介质）状态的开关扭矩。在特定情况下，液压扭矩符合或超过密封或非密封扭矩。当设计阀门管路系统时，应考虑液压扭矩以确保不同工况的准确选择。

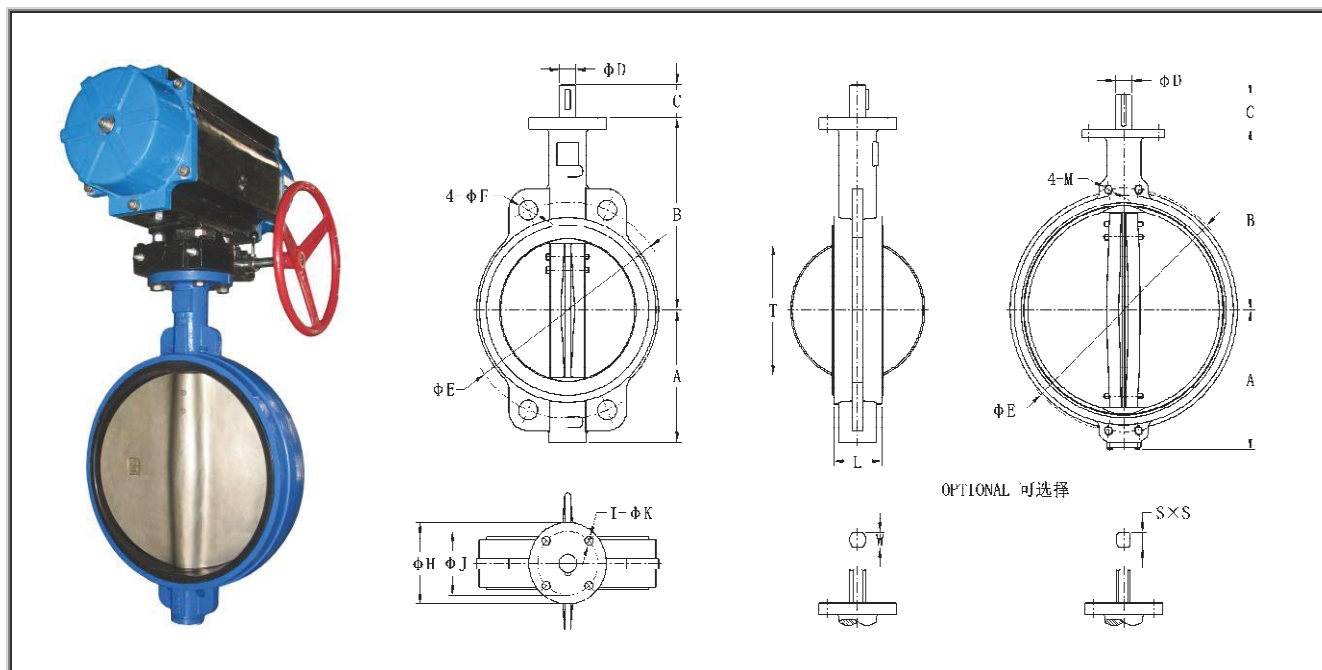
All torque values shown on chart are for “wet” (water and other non-lubricating media) on-off service. Under certain conditions, hydrodynamic torque can meet or exceed seating and unseating torques. When designing valve systems, hydrodynamic torque must be considered to help ensure correct selection of application.

流量值—各规格阀门开度流量系数 Cv Values—Valve Sizing Coefficients (US-GPM@1ΔP)

阀门规格 Valve Size		开度 DEG. OPEN								
inch	mm	10°	20°	30°	40°	50°	60°	70°	80°	90°
1½"	40	0.04	1.92	4.1	8.7	15	26	41	65	72
2"	50	0.06	3	7	15	27	44	70	105	115
2½"	65	0.1	6	12	25	45	75	119	178	196
3"	80	0.2	9	18	39	70	116	183	275	302
4"	100	0.3	17	36	78	139	230	364	546	600
5"	125	0.5	29	61	133	237	392	620	930	1022
6"	150	0.8	45	95	205	366	605	958	1437	1579
8"	200	2	89	188	408	727	1202	1903	2854	3136
10"	250	3	151	320	694	1237	2049	3240	4859	5340
12"	300	4	234	495	1072	1911	3162	5005	7507	8250
14"	350	6	338	715	1549	2761	4568	7230	10844	11917
16"	400	8	464	983	2130	3797	6282	9942	14913	16388
18"	450	11	615	1302	2822	5028	8320	13168	19752	21705
20"	500	14	791	1647	3628	6465	10698	16931	25396	27908
24"	600	22	1222	2587	5605	9989	16528	26157	39236	43116
28"	700	31	1703	3605	7813	13961	23037	36459	54689	60102
30"	750	37	2080	4406	9546	17010	28147	44545	66818	73246
32"	800	100	2436	5272	10636	18025	29440	47622	70876	77897
36"	900	260	3050	6730	12740	20220	32500	52500	79600	87500
40"	1000	313	3665	8089	15942	24299	39056	63093	95660	105154
42"	1050	350	4095	9040	17108	27150	43640	70500	106890	117500
48"	1200	455	5365	11840	22400	30600	51200	92300	140000	154000



F101 系列对夹式蝶阀 Series F101 Wafer Type Butterfly Valve



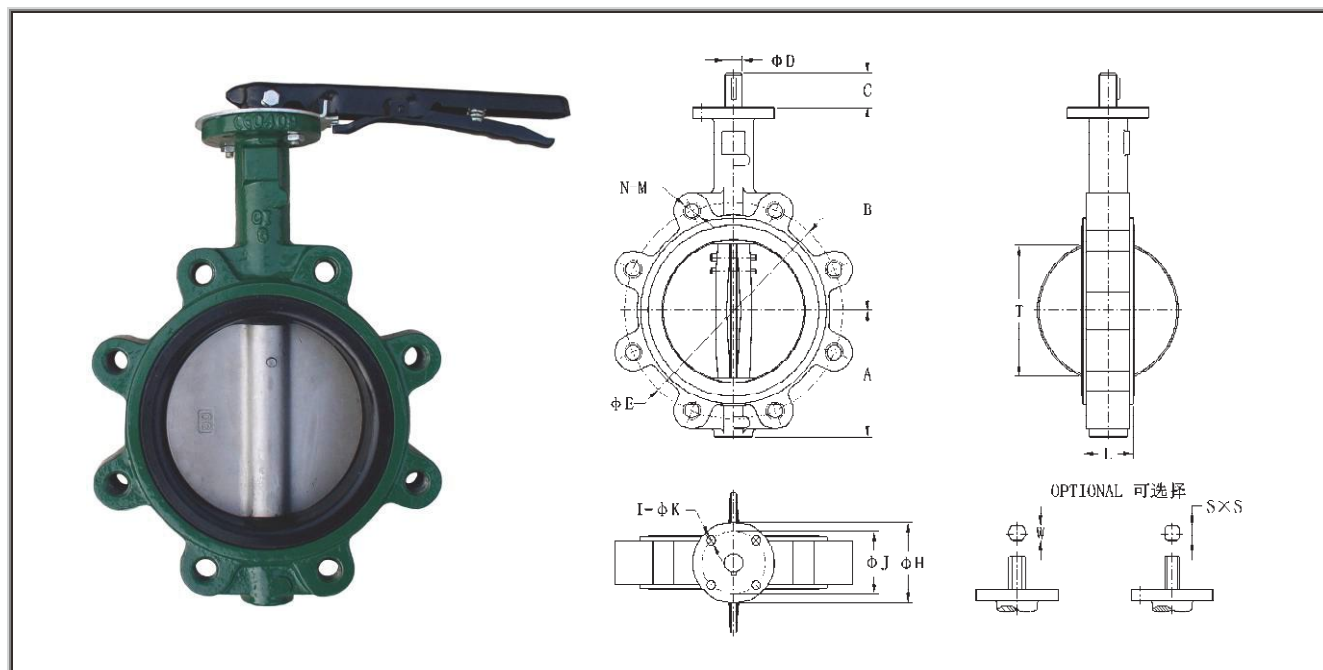
尺寸表 Dimensions List (mm)

规格 Size		A	B	C	D	E				F/M				H	J	I-K	L	T	S	W
mm	inch					ANSI 125/150	PN10	PN16	10K	ANSI 125/150	PN10	PN16	10K							
40	1½	70	145	32	12.7	98.4	110	110	105	16	18	18	19	65	50	4-7	33	27	9	10
50	2	76	162	32	12.7	120.7	125	125	120	19	18	18	19	65	50	4-7	42	32	9	10
65	2½	89	174	32	12.7	139.7	145	145	140	19	18	18	19	65	50	4-7	45	47	9	10
80	3	95	181	32	12.7	152.4	160	160	150	19	18	18	19	65	50	4-7	45	65	9	10
100	4	114	200	32	15.9	190.5	180	180	175	19	18	18	19	90	70	4-9.5	52	90	11	12
125	5	127	213	32	19.1	215.9	210	210	210	22	18	18	23	90	70	4-9.5	54	111	14	14
150	6	139	225	32	19.1	241.3	240	240	240	22	22	22	23	90	70	4-9.5	56	145	14	14
200	8	177	260	38	22.2	298.5	295	295	290	22	22	22	23	125	102	4-11.5	60	193	17	17
250	10	203	292	38	28.6	362	350	355	355	25	22	26	25	125	102	4-11.5	66	241	22	22
300	12	242	337	38	31.8	431.8	400	410	400	25	22	26	25	125	102	4-11.5	77	292	22	24
350	14	277	368	45	31.8	476.3	460	470	445	29	22	26	25	125	102	4-11.5	77	325	22	24
400	16	308	400	51	33.3	539.8	515	525	510	29	26	30	27	210	165	4-22	86	380	27	27
450	18	342	422	51	38.1	577.9	565	585	565	32	26	30	27	210	165	4-22	105	428	27	27
500	20	374	479	64	41.3	635	620	650	620	32	26	33	27	210	165	4-22	130	474	27	32
600	24	459	562	70	50.8	749.3	725	770	730	35	30	36	33	210	165	4-22	152	575	36	36
700	28	520	624	72	55	—	840	840	840	—	30	36	33	300	254	8-18	165	674	—	—
750	30	545	650	72	55	914.4	900	900	900	1½"-7	33	36	33	300	254	8-18	167	726	—	—
800	32	575	672	72	55	—	950	950	950	—	33	39	M30	300	254	8-18	190	771	—	—
900	36	635	768	77	75	1085.9	1050	1050	1050	1½"-6	M30	M36	M30	300	254	8-18	207	839	—	—
1000	40	685	823	85	85	—	1160	1170	1160	—	M33	M39	M36	300	254	8-18	216	939	—	—
1050	42	765	858	85	85	1257.3	—	—	—	1½"-6	—	—	—	300	254	8-18	256	997	—	—
1200	48	839	940	150	92	1422.4	1380	1390	1380	1½"-6	M36	M45	M36	350	298	8-22	276	1125	—	—

✧ 更多法兰标准，请咨询制造商。Please contact manufacturer if you want more flange standards.



F101 系列凸耳式蝶阀 Series F101 Lug Type Butterfly Valve



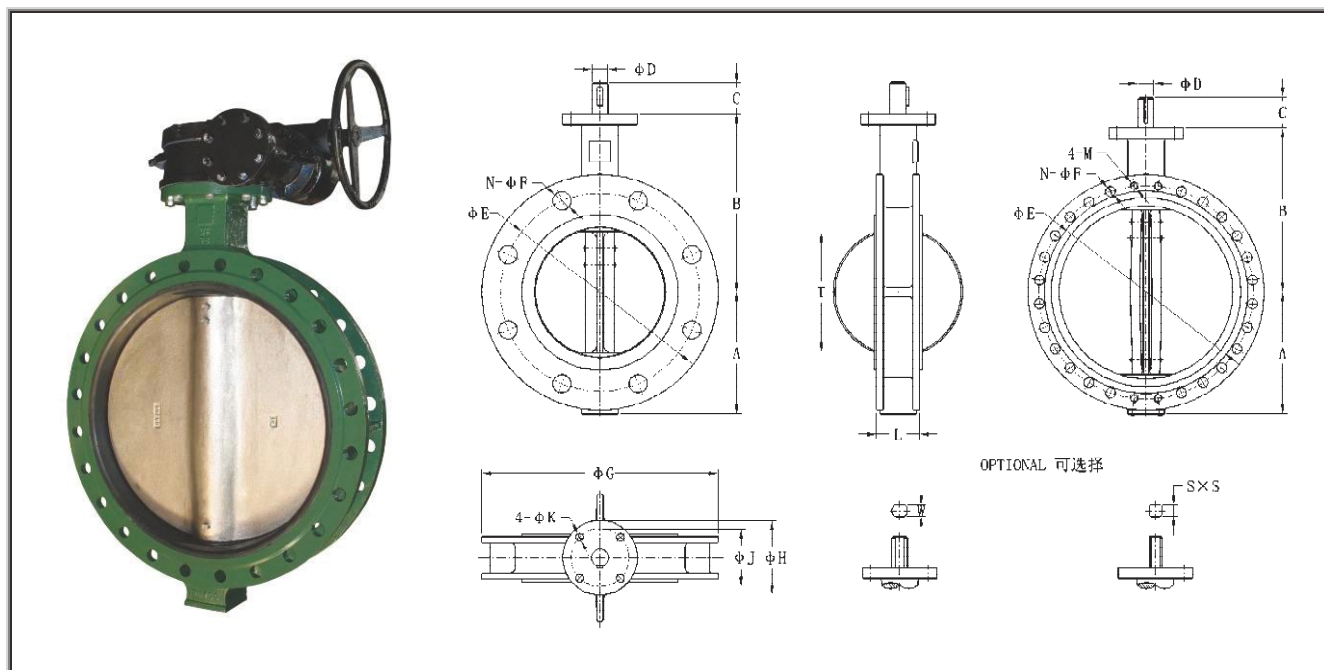
尺寸表 Dimensions List (mm)

规格 Size		A	B	C	D	E				N-M				H	J	I-K	L	T	S	W
mm	inch					ANSI 125/150	PN10	PN16	10K	ANSI 125/150	PN10	PN16	10K							
40	1½	70	145	32	12.7	98.4	110	110	105	4-½"-12	4-M16	4-M16	4-M16	65	50	4-7	33	27	9	10
50	2	76	162	32	12.7	120.7	125	125	120	4-½"-11	4-M16	4-M16	4-M16	65	50	4-7	42	32	9	10
65	2½	89	174	32	12.7	139.7	145	145	140	4-½"-11	4-M16	4-M16	4-M16	65	50	4-7	45	47	9	10
80	3	95	181	32	12.7	152.4	160	160	150	4-½"-11	4-M16	8-M16	8-M16	65	50	4-7	45	65	9	10
100	4	114	200	32	15.9	190.5	180	180	175	8-¾"-11	8-M16	8-M16	8-M16	90	70	4-9.5	52	90	11	12
125	5	127	213	32	19.1	215.9	210	210	210	8-¾"-10	8-M16	8-M16	8-M20	90	70	4-9.5	54	111	14	14
150	6	139	225	32	19.1	241.3	240	240	240	8-¾"-10	8-M20	8-M20	8-M20	90	70	4-9.5	56	145	14	14
200	8	177	260	38	22.2	298.5	295	295	290	8-¾"-10	8-M20	12-M20	12-M20	125	102	4-11.5	60	193	17	17
250	10	203	292	38	28.6	362	350	355	355	12-¾"-9	12-M20	12-M24	12-M22	125	102	4-11.5	66	241	22	22
300	12	242	337	38	31.8	431.8	400	410	400	12-¾"-9	12-M20	12-M24	16-M22	125	102	4-11.5	77	292	22	24
350	14	277	368	45	31.8	476.3	460	470	445	12-1"-8	16-M20	16-M24	16-M22	125	102	4-11.5	77	325	22	24
400	16	308	400	51	33.3	539.8	515	525	510	16-1"-8	16-M24	16-M27	16-M24	210	165	4-22	86	380	27	27
450	18	342	422	51	38.1	577.9	565	585	565	16-1"-7	20-M24	20-M27	20-M24	210	165	4-22	105	428	27	27
500	20	374	479	64	41.3	635	620	650	620	20-1"-7	20-M24	20-M30	20-M24	210	165	4-22	130	474	27	32
600	24	459	562	70	50.8	749.3	725	770	730	20-1¼"-7	20-M27	20-M33	24-M30	210	165	4-22	152	575	36	36
700	28	520	624	72	55	—	840	840	840	—	24-M27	24-M33	24-M30	300	254	8-18	165	674	—	—
750	30	545	650	72	55	914.4	900	900	900	28-1¼"-7	24-M30	24-M33	24-M30	300	254	8-18	167	726	—	—
800	32	575	672	72	55	—	950	950	950	—	24-M30	24-M36	28-M30	300	254	8-18	190	771	—	—
900	36	635	768	77	75	1085.9	1050	1050	1050	32-1½"-6	28-M30	28-M36	28-M30	300	254	8-18	207	839	—	—
1000	40	685	823	85	85	—	1160	1170	1160	—	28-M33	28-M39	28-M36	300	254	8-18	216	939	—	—
1050	42	765	858	85	85	1257.3	—	—	—	36-1½"-6	—	—	—	300	254	8-18	256	997	—	—
1200	48	839	940	150	92	1422.4	1380	1390	1380	44-1½"-6	32-M36	32-M45	32-M36	350	298	8-22	276	1125	—	—

✧ 更多法兰标准，请咨询制造商。Please contact manufacturer if you want more flange standards.



F101 系列 U 型法兰对夹式蝶阀 Series F101 U-Section Wafer Type Butterfly Valve



尺寸表 Dimensions List (mm)

规格 Size		A	B	C	D	E			N-F/(4-M)			G			H	J	I-K	L	T	S	W
mm	inch					ANSI 125/150	PN10	PN16	ANSI 125/150	PN10	PN16	ANSI 125/150	PN10	PN16							
40	1½	70	145	32	12.7	98.4	110	110	4-16	4-18	4-18	127	150	150	65	50	4-7	33	27	9	10
50	2	76	162	32	12.7	120.7	125	125	4-19	4-18	4-18	152	165	165	65	50	4-7	42	32	9	10
65	2½	80	174	32	12.7	139.7	145	145	4-19	4-18	4-18	178	185	185	65	50	4-7	45	47	9	10
80	3	90	181	32	12.7	152.4	160	160	4-19	4-18	8-18	191	200	200	65	50	4-7	45	65	9	10
100	4	110	200	32	15.9	190.5	180	180	8-19	8-18	8-18	229	220	220	90	70	4-9.5	52	90	11	12
125	5	125	213	32	19.1	215.9	210	210	8-22	8-18	8-18	254	250	250	90	70	4-9.5	54	111	14	14
150	6	143	225	32	19.1	241.3	240	240	8-22	8-22	8-22	279	285	285	90	70	4-9.5	56	145	14	14
200	8	175	260	38	22.2	298.5	295	295	8-22	8-22	12-22	343	340	340	125	102	4-11.5	60	193	17	17
250	10	203	292	38	28.6	362	350	355	12-25	12-22	12-26	406	395	405	125	102	4-11.5	66	241	22	22
300	12	245	337	38	31.8	431.8	400	410	12-25	12-22	12-26	483	445	460	125	102	4-11.5	77	292	22	24
350	14	277	368	45	31.8	476.3	460	470	12-29	16-22	16-26	533	505	520	125	102	4-11.5	77	325	22	24
400	16	308	400	51	33.3	539.8	515	525	16-29	16-26	16-30	597	565	580	210	165	4-22	86	380	27	27
450	18	342	422	51	38.1	577.9	565	585	16-32	20-26	20-30	635	615	640	210	165	4-22	105	428	27	27
500	20	374	479	64	41.3	635	620	650	20-32	20-26	20-33	699	670	715	210	165	4-22	130	474	27	32
600	24	459	562	70	50.8	749.3	725	770	20-35	20-30	20-36	813	780	840	210	165	4-22	152	575	36	36
700	28	520	624	72	55	—	840	840	—	24-30	24-36	—	895	910	300	254	8-18	165	674	—	—
750	30	545	650	72	55	914.4	900	900	24-35 4-1¼"	24-33	24-36	984	965	970	300	254	8-18	167	726	—	—
800	32	575	672	72	55	—	950	950	—	24-33	24-39	—	1025	1025	300	254	8-18	190	771	—	—
900	36	635	768	77	75	1085.9	1050	1050	28-41 4-1½"	24-33 4-M30	24-39 4-M36	1168	1115	1125	300	254	8-18	207	839	—	—
1000	40	685	823	85	85	—	1160	1170	—	24-36 4-M33	24-42 4-M39	—	1230	1255	300	254	8-18	216	939	—	—
1050	42	765	858	85	85	1257.3	—	—	32-41 4-1½"	—	—	1346	—	—	300	254	8-18	256	997	—	—
1200	48	839	940	150	92	1422.4	1380	1390	40-41 4-1½"	28-39 4-M36	28-48 4-M45	1511	1455	1485	350	298	8-22	276	1125	—	—

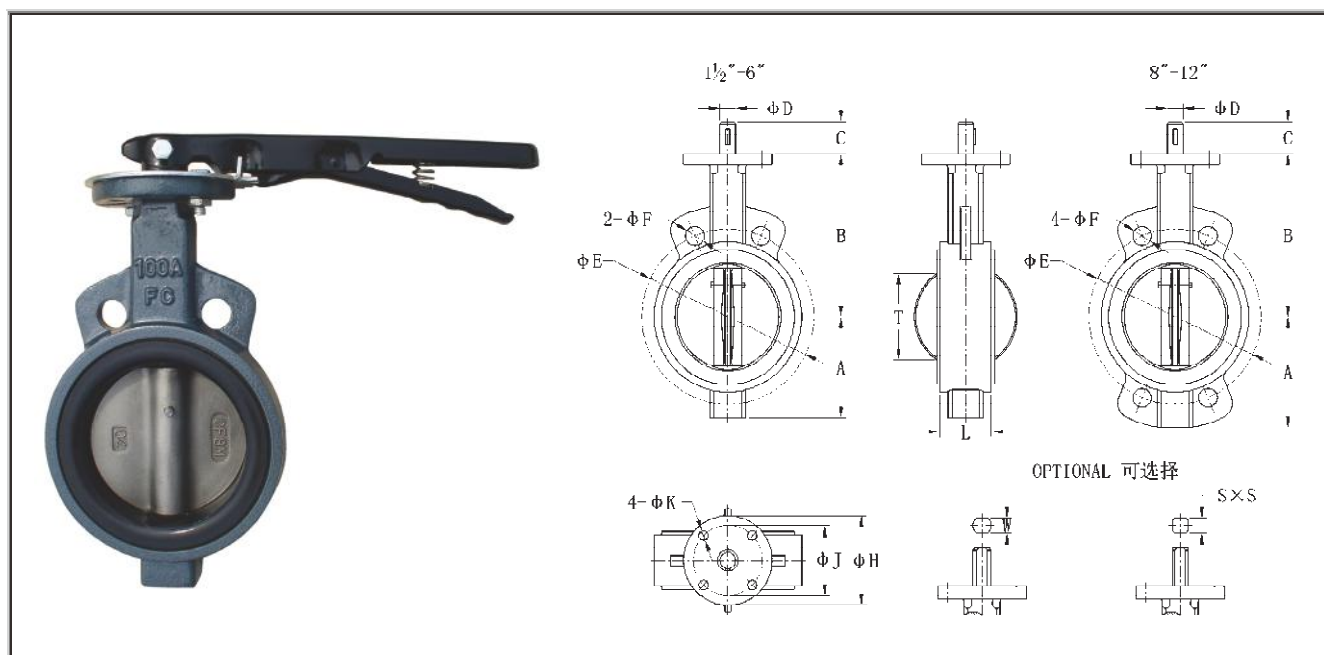
◇ 更多法兰标准，请咨询制造商。Please contact manufacturer if you want more flange standards.



F109 系列对夹式蝶阀 Series F109 Wafer Type Butterfly Valve

F109 系列是 F101 系列的一种改型，经济、重量轻。当希望阀门的尺寸尽量小，用作临时切断时，可采用这个阀门。适用于 GB、ANSI、DIN、BS、JIS 法兰标准。可提供的尺寸为 1½"-12"。可提供对夹式的阀体。可提供手柄、蜗动、电动或气动驱动。F109 系列蝶阀零件材质的选择组合同 F101 系列。

Series F109 is remodification of series F101, economy and very light. You can use series F109 butterfly valve when you want the size is as small as possible and the valve is used as cutting medium temporarily. Compatible with GB, ANSI, DIN, BS, JIS flanges. Available in size 1½" to 12". Available in wafer type body. Available with handles, manual gear operators, and electric or pneumatic actuators. Its parts material is the same as series F101.



尺寸表 Dimensions List (mm)

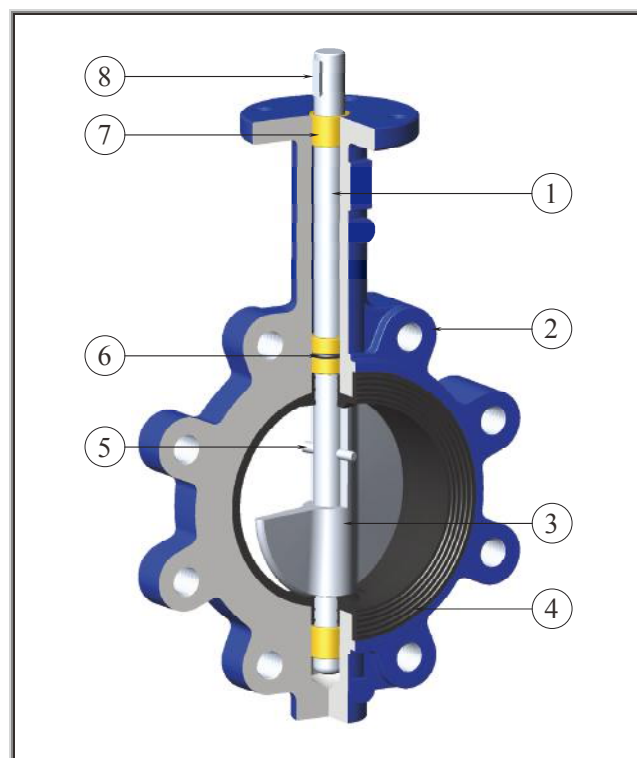
规格 Size		A	B	C	D	E				F				H	J	K	L	T	S	W
mm	inch					ANSI 125/150	PN10	PN16	10K	ANSI 125/150	PN10	PN16	10K							
40	1½	61	124	32	12.7	98.4	110	110	105	16	18	18	19	90	70	9.5	33	27	9	10
50	2	67	131	32	12.7	120.7	125	125	120	19	18	18	19	90	70	9.5	42	32	9	10
65	2½	71	140	32	12.7	139.7	145	145	140	19	18	18	19	90	70	9.5	45	47	9	10
80	3	83	150	32	12.7	152.4	160	160	150	19	18	18	19	90	70	9.5	45	65	9	10
100	4	95	163	32	15.9	190.5	180	180	175	19	18	18	19	90	70	9.5	52	90	11	12
125	5	110	178	32	19.1	215.9	210	210	210	22	18	18	23	90	70	9.5	54	111	14	14
150	6	125	191	32	19.1	241.3	240	240	240	22	22	22	23	90	70	9.5	56	145	14	14
200	8	168	238	38	22.2	298.5	295	295	290	22	22	22	23	125	102	11.5	60	193	17	17
250	10	208	285	38	28.6	362	350	355	355	25	22	26	25	125	102	11.5	66	241	22	22
300	12	242	315	38	31.8	431.8	400	410	400	25	22	26	25	125	102	11.5	77	292	22	24

◇ 更多法兰标准，请咨询制造商。Please contact manufacturer if you want more flange standards.



F180 系列蝶阀设计符合 MSS SP-67, BS5155 和 API609 标准。适用于 GB、ANSI、DIN、BS、JIS 法兰标准。F180 系列蝶阀的最大特点是直接把衬胶粘接在了阀体上, 因此阀座的强度更高、密封更可靠。阀座密封面上有和阀座铸成一体 O 型圈, 无须使用法兰垫片。可提供的尺寸为 1½"-24"。可提供对夹式、凸耳式和 U 型法兰的阀体。可提供手柄、蜗动、电动或气动驱动。

Series F180 butterfly valves designed to comply with MSS SP-67, BS5155 and API 609. Compatible with GB, ANSI, DIN, BS, JIS flanges. Characteristic of series F180 butterfly 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 1½" to 24". Available in wafer type, lug type and U-section wafer type body. Available with handles, manual gear operators, and electric or pneumatic actuators.

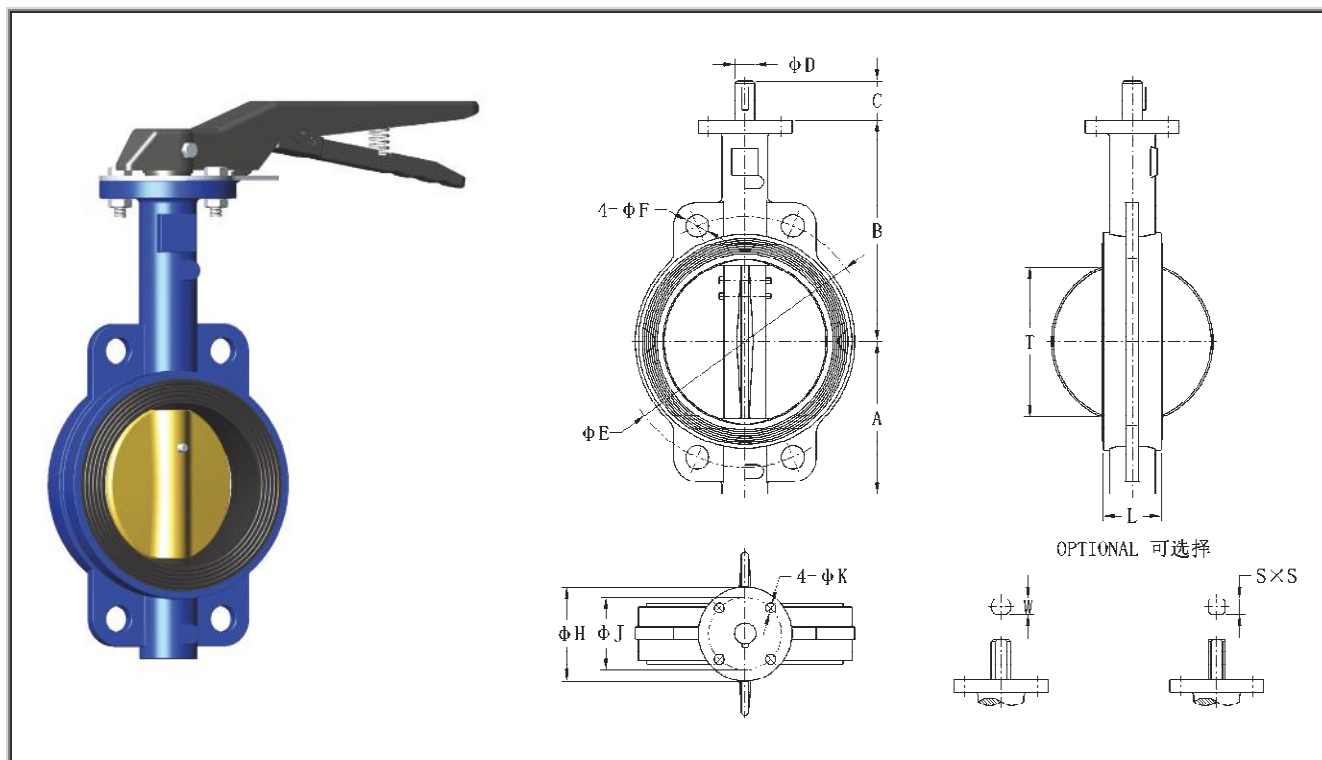


材质单 Materials List

项目 Item	零件名称 Part Name	材质 Materials
1	阀轴 Stem	钢镀锌 Zinc Plated Steel; 不锈钢 Stainless Steel: ASTM A276 Type 316, Type 410, Type 420; ASTM A582 Type 416;
2	阀体 Body	铸铁 Cast Iron: ASTM A126CL. B, DIN1691 GG25, EN 1561 EN-GJL-200; GB12226 HT200; 球墨铸铁 Ductile Cast Iron: ASTM A536 65-45-12, DIN 1693 GGG40, EN1563 EN-GJS-400-15, GB12227 QT450-10;
3	阀板 Disc	球墨铸铁(表面镀镍) Ductile Cast Iron (Nickel plated): ASTM A536 65-45-12, DIN 1693 GGG40, EN1563 EN-GJS-400-15, GB12227 QT450-10; 不锈钢 Stainless Steel: ASTM A351 CF8, CF8M; CF3, CF3M; EN 1.4408, 1.4469; 1.4501; 铝青铜 AL-Bronze: ASTM B148 C95400;
4	衬胶 Liner	丁晴, 乙丙, 氯丁, 氟橡胶; NBR, EPDM, Neoprene, Viton;
5	锥销 Taper Pin	不锈钢 Stainless Steel: ASTM A276 Type 304, Type 316; EN 1.4501;
6	O 型圈 O-Ring	丁晴, 乙丙, 氯丁, 氟橡胶 NBR, EPDM, Neoprene, Viton;
7	衬套 Bushing	聚四氟乙烯, 润滑青铜; PTFE, Lubricated Bronze;
8	键 Key	碳钢 Carbon Steel



F180 系列对夹式蝶阀 Series F180 Wafer Type Butterfly Valve



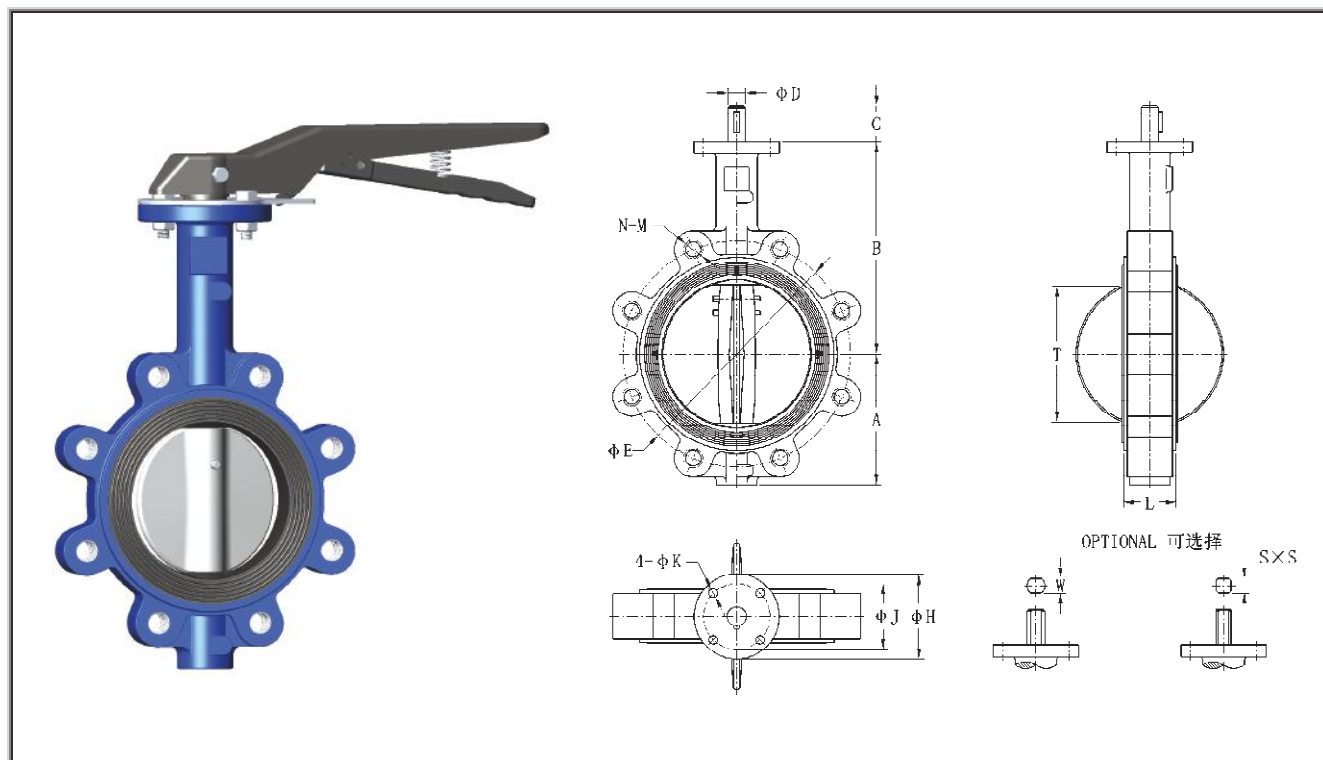
尺寸表 Dimensions List (mm)

规格 Size		A	B	C	D	E				F				H	J	K	L	T	S	W
mm	inch					ANSI 125/150	PN10	PN16	10K	ANSI 125/150	PN10	PN16	10K							
25	1	61	110	32	12.7	79.4	85	85	90	16	14	14	19	65	50	7	30	16	9	10
32	1¼	61	110	32	12.7	88.9	100	100	100	16	18	18	19	65	50	7	30	16	9	10
40	1½	70	145	32	12.7	98.4	110	110	105	16	18	18	19	65	50	7	33	27	9	10
50	2	76	162	32	12.7	120.7	125	125	120	19	18	18	19	65	50	7	42	32	9	10
65	2½	89	174	32	12.7	139.7	145	145	140	19	18	18	19	65	50	7	45	47	9	10
80	3	95	181	32	12.7	152.4	160	160	150	19	18	18	19	65	50	7	45	65	9	10
100	4	114	200	32	15.9	190.5	180	180	175	19	18	18	19	90	70	9.5	52	90	11	12
125	5	127	213	32	19.1	215.9	210	210	210	22	18	18	23	90	70	9.5	54	111	14	14
150	6	139	225	32	19.1	241.3	240	240	240	22	22	22	23	90	70	9.5	56	145	14	14
200	8	177	260	38	22.2	298.5	295	295	290	22	22	22	23	125	102	11.5	60	193	17	17
250	10	203	292	38	28.6	362	350	355	355	25	22	26	25	125	102	11.5	66	241	22	22
300	12	242	337	38	31.8	431.8	400	410	400	25	22	26	25	125	102	11.5	77	292	22	24
350	14	277	368	45	31.8	476.3	460	470	445	29	22	26	25	125	102	11.5	77	325	22	24

✧ 更多法兰标准，请咨询制造商。Please contact manufacturer if you want more flange standards.



F180 系列凸耳式蝶阀 Series F180 Lug Type Butterfly Valve



尺寸表 Dimensions List (mm)

规格 Size		A	B	C	D	E				N-M				H	J	K	L	T	S	W
mm	inch					ANSI 125/150	PN10	PN16	10K	ANSI 125/150	PN10	PN16	10K							
25	1	61	110	32	12.7	79.4	85	85	90	4--1/2"-12	4-M12	4-M12	4-M16	65	50	7	30	16	9	10
32	1 1/4	61	110	32	12.7	88.9	100	100	100	4--1/2"-12	4-M16	4-M16	4-M16	65	50	7	30	16	9	10
40	1 1/2	70	145	32	12.7	98.4	110	110	105	4--1/2"-12	4-M16	4-M16	4-M16	65	50	7	33	27	9	10
50	2	76	162	32	12.7	120.7	125	125	120	4-5/8"-11	4-M16	4-M16	4-M16	65	50	7	42	32	9	10
65	2 1/2	89	174	32	12.7	139.7	145	145	140	4-5/8"-11	4-M16	4-M16	4-M16	65	50	7	45	47	9	10
80	3	95	181	32	12.7	152.4	160	160	150	4-5/8"-11	4-M16	8-M16	8-M16	65	50	7	45	65	9	10
100	4	114	200	32	15.9	190.5	180	180	175	8--5/8"-11	8-M16	8-M16	8-M16	90	70	9.5	52	90	11	12
125	5	127	213	32	19.1	215.9	210	210	210	8-3/4"-10	8-M16	8-M16	8-M20	90	70	9.5	54	111	14	14
150	6	139	225	32	19.1	241.3	240	240	240	8-3/4"-10	8-M20	8-M20	8-M20	90	70	9.5	56	145	14	14
200	8	177	260	38	22.2	298.5	295	295	290	8-3/4"-10	8-M20	12-M20	12-M20	125	102	11.5	60	193	17	17
250	10	203	292	38	28.6	362	350	355	355	12-1/8"-9	12-M20	12-M24	12-M22	125	102	11.5	66	241	22	22
300	12	242	337	38	31.8	431.8	400	410	400	12-1/8"-9	12-M20	12-M24	16-M22	125	102	11.5	77	292	22	24
350	14	277	368	45	31.8	476.3	460	470	445	12-1"-8	16-M20	16-M24	16-M22	125	102	11.5	77	325	22	24

✧ 更多法兰标准，请咨询制造商。Please contact manufacturer if you want more flange standards.



F201 系列蝶阀设计符合 MSS SP-67, BS5155 和 API609 标准。适用于 GB、ANSI、DIN、BS、JIS 法兰标准。可提供的尺寸为 1"-24"。可提供对夹式、凸耳式阀体。可提供手柄(1"-12")、蜗动(1"-24")、电动或气动驱动(1"-24")。F201 系列蝶阀有不同的阀体与内件的组合以满足您的需求。

Series F201 butterfly valves designed to comply with MSS SP-67, BS5155 and API 609. Compatible with GB, ANSI, DIN, BS, JIS flanges. Available in size 1" to 24". Available in wafer type, lug type body. Available with handles (1" to 12"), manual gear operators (1" to 24"), and electric or pneumatic actuators (1" to 24"). With many body/trim combinations, there is a series F201 butterfly valve to meet your application.

8. 衬套 Bushing:

- ✧ 减小扭矩 minimizes torque.
- ✧ 隔离阀轴和阀体以防止因轴颈腐蚀引起的阀轴卡死
Isolate the stem from the valve body, preventing seizure of the stem due to corrosion in the stem journal.

7. O 型圈 O-Ring:

- ✧ 防止轴端泄漏
Provides further prevention of stem leakage

6. 阀板 Disc:

- ✧ 确保零泄漏 provides bubble-tight shut-off
- ✧ 降低扭矩 assures minimum torque
- ✧ 延长阀座寿命 longer seat life
- ✧ 最大限度地加大了流量
Maximum flow is achieved

5. 下阀轴 Lower Stem:

- ✧ 阀轴由切向销保持, 防止轴窜出以保证安全
Retained by tangential pins, stems are blowout proof for safety

1. 阀体 Body:

- ✧ 驱动法兰符合 ISO5211 标准;
Top flange comply with ISO5211;
- ✧ 适用 GB、DIN、BS、JIS、ANSI 标准法兰;
Compatible with GB, DIN, BS, JIS, ANSI flanges

2. 上阀轴 Upper Stem:

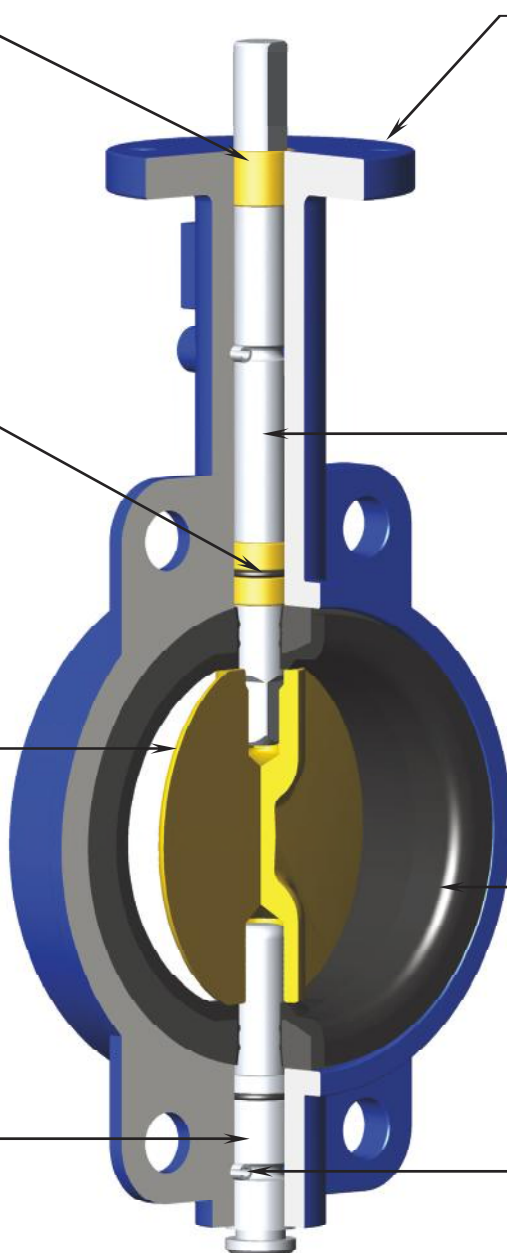
- ✧ 阀轴由切向销保持, 防止阀轴窜出以保证安全
Retained by tangential pins, stems are blowout proof for safety
- ✧ 方轴驱动阀板 Square drive disc

3. 阀座 Seat:

- ✧ 筒式阀座 cartridge seat
- ✧ 易于更换 field replaceable
- ✧ 无须使用法兰垫片
Negates need for flange gaskets

4. 弹性销 Spring Pin:

- ✧ 易于更换 Field replaceable
- ✧ 保持阀轴 Stem retention





材质单 Materials List

项目 Item	零件名称 Part Name	材质 Materials
1	阀体 Body	铸铁 Cast Iron: ASTM A126CL. B , DIN1691 GG25, EN 1561 EN-GJL-200; GB12226 HT200; 球墨铸铁 Ductile Cast Iron: ASTM A536 65-45-12, DIN 1693 GGG40, EN1563 EN-GJS-400-15, GB12227 QT450-10; 不锈钢 Stainless Steel: ASTM A351 CF8, CF8M; CF3, CF3M; 碳钢 Carbon Steel: ASTM A216 WCB
2	上阀轴 Upper Stem	钢镀锌 Zinc Plated Steel; 不锈钢 Stainless Steel: ASTM A276 Type 316, Type 410, Type 420; ASTM A582 Type 416;
3	阀座 Seat	丁晴, 乙丙, 氯丁, 氟橡胶, 聚四氟乙烯; NBR, EPDM, Neoprene, Viton; PTFE
4	弹性销 Spring Pin	碳钢 Carbon Steel; 不锈钢 Stainless Steel
5	下阀轴 Lower Stem	钢镀锌 Zinc Plated Steel; 不锈钢 Stainless Steel: ASTM A276 Type 316, Type 410, Type 420; ASTM A582 Type 416;
6	阀板 Disc	球墨铸铁(表面镀镍或喷涂尼龙) Ductile Cast Iron(Nickel plated or Nylon coated): ASTM A536 65-45-12, DIN 1693 GGG40, EN1563 EN-GJS-400-15, GB12227 QT450-10; 不锈钢 Stainless Steel: ASTM A351 CF8, CF8M; CF3, CF3M; EN 1.4408, 1.4469; 1.4501; 铝青铜 AL-Bronze: ASTM B148 C95400;
7	O 型圈 O-Ring	丁晴, 乙丙, 氯丁, 氟橡胶 NBR, EPDM, Neoprene, Viton;
8	衬套 Bushing	聚四氟乙烯, 尼龙, 润滑青铜; PTFE, Nylon, Lubricated Bronze;

用户可根据需要按材质单选取零件材质。用户也可在订货时注明使用介质及工作温度, 由我公司代为选择。当介质和使用工况特殊时, 请与本公司协商。

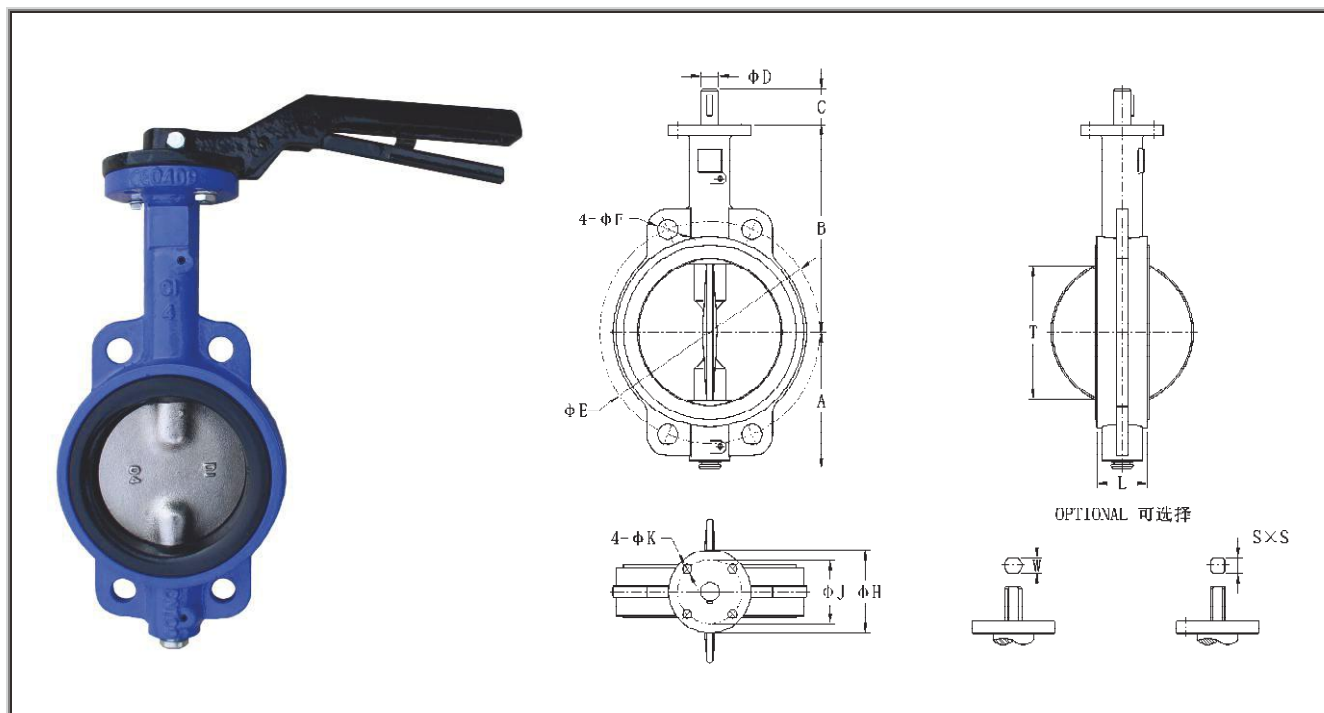
This buyer can select material as per Materials List. The customer may mark the material and temperature used, Our company may select instead. When the medium and temperature is special, please consult with our company.

性能参数 Performance Data

公称通径 (mm) Nominal Diameter		25-600	
公称压力 (MPa) Nominal Pressure		1.0	1.6
试验压力 (MPa) Testing Pressure	壳体 Shell	1.5	2.4
	密封 Sealing	1.1	1.76
介质温度(℃) Medium Temperature		正常-45℃-130℃特殊 200℃ Normal -45℃-130℃ special 200℃	
适用介质 Suitable Medium		淡水、污水、海水、蒸汽、煤气、各种油品、各种酸碱。 Fresh Water, Waste Water, Sea Water, Vapour, Gas, Oils, Acid and Alkaline	
操作方式 Operation Methods		手柄、蜗动、电动、气动、 Handle, Gear Operators, Electric, Pneumatic	



F201 系列对夹式蝶阀 Series F201 Wafer Type Butterfly Valve



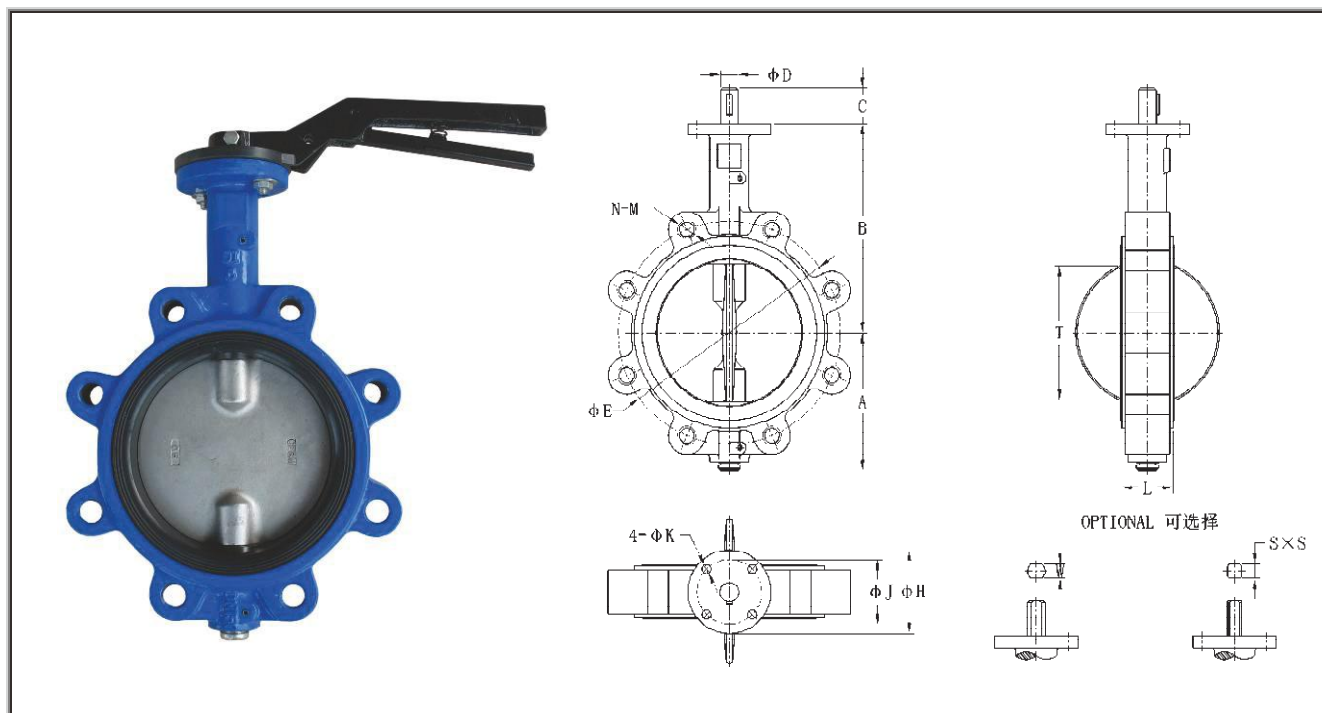
尺寸表 Dimensions List (mm)

规格 Size		A	B	C	D	E				F				H	J	K	L	T	S	W
mm	inch					ANSI 125/150	PN10	PN16	10K	ANSI 125/150	PN10	PN16	10K							
25	1	61	110	32	12.7	79.4	85	85	90	16	14	14	19	65	50	7	30	16	9	10
32	1¼	61	110	32	12.7	88.9	100	100	100	16	18	18	19	65	50	7	30	16	9	10
40	1½	79	145	32	12.7	98.4	110	110	105	16	18	18	19	65	50	7	33	27	9	10
50	2	85	162	32	12.7	120.7	125	125	120	19	18	18	19	65	50	7	42	32	9	10
65	2½	98	174	32	12.7	139.7	145	145	140	19	18	18	19	65	50	7	45	47	9	10
80	3	104	181	32	12.7	152.4	160	160	150	19	18	18	19	65	50	7	45	65	9	10
100	4	123	200	32	15.9	190.5	180	180	175	19	18	18	19	90	70	9.5	52	90	11	12
125	5	136	213	32	19.1	215.9	210	210	210	22	18	18	23	90	70	9.5	54	111	14	14
150	6	148	225	32	19.1	241.3	240	240	240	22	22	22	23	90	70	9.5	56	145	14	14
200	8	186	260	38	22.2	298.5	295	295	290	22	22	22	23	125	102	11.5	60	193	17	17
250	10	212	292	38	28.6	362	350	355	355	25	22	26	25	125	102	11.5	66	241	22	22
300	12	251	337	38	31.8	431.8	400	410	400	25	22	26	25	125	102	11.5	77	292	22	24
350	14	277	368	45	31.8	476.3	460	470	445	29	22	26	25	125	102	11.5	77	325	22	24
400	16	308	400	51	33.3	539.8	515	525	510	29	26	30	27	210	165	22	86	380	27	27
450	18	342	422	51	38.1	577.9	565	585	565	32	26	30	27	210	165	22	105	428	27	27
500	20	374	479	64	41.3	635	620	650	620	32	26	33	27	210	165	22	130	474	27	32
600	24	459	562	70	50.8	749.3	725	770	730	35	30	36	33	210	165	22	152	575	36	36

◇ 更多法兰标准，请咨询制造商。Please contact manufacturer if you want more flange standards.



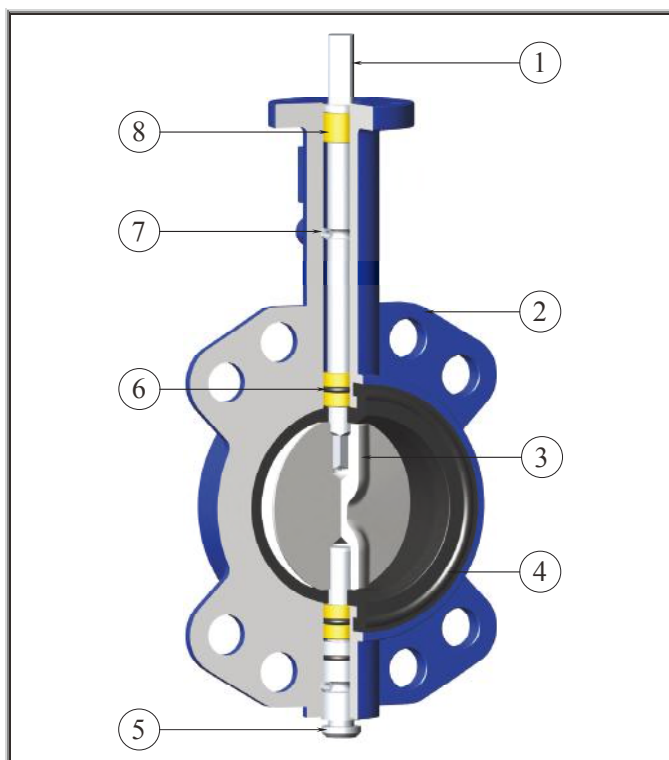
F201 系列凸耳式蝶阀 Series F201 Lug Type Butterfly Valve



尺寸表 Dimensions List (mm)

规格 Size		A	B	C	D	E				N-M				H	J	K	L	T	S	W
mm	inch					ANSI 125/150	PN10	PN16	10K	ANSI 125/150	PN10	PN16	10K							
25	1	61	110	32	12.7	79.4	85	85	90	4-1/2"-12	4-M12	4-M12	4-M16	65	50	7	30	16	9	10
32	1 1/4	61	110	32	12.7	88.9	100	100	100	4-1/2"-12	4-M16	4-M16	4-M16	65	50	7	30	16	9	10
40	1 1/2	79	145	32	12.7	98.4	110	110	105	4-1/2"-12	4-M16	4-M16	4-M16	65	50	7	33	27	9	10
50	2	85	162	32	12.7	120.7	125	125	120	4-3/8"-11	4-M16	4-M16	4-M16	65	50	7	42	32	9	10
65	2 1/2	98	174	32	12.7	139.7	145	145	140	4-3/8"-11	4-M16	4-M16	4-M16	65	50	7	45	47	9	10
80	3	104	181	32	12.7	152.4	160	160	150	4-3/8"-11	4-M16	8-M16	8-M16	65	50	7	45	65	9	10
100	4	123	200	32	15.9	190.5	180	180	175	8-5/8"-11	8-M16	8-M16	8-M16	90	70	9.5	52	90	11	12
125	5	136	213	32	19.1	215.9	210	210	210	8-3/4"-10	8-M16	8-M16	8-M20	90	70	9.5	54	111	14	14
150	6	148	225	32	19.1	241.3	240	240	240	8-3/4"-10	8-M20	8-M20	8-M20	90	70	9.5	56	145	14	14
200	8	186	260	38	22.2	298.5	295	295	290	8-3/4"-10	8-M20	12-M20	12-M20	125	102	11.5	60	193	17	17
250	10	212	292	38	28.6	362	350	355	355	12-7/8"-9	12-M20	12-M24	12-M22	125	102	11.5	66	241	22	22
300	12	251	337	38	31.8	431.8	400	410	400	12-7/8"-9	12-M20	12-M24	16-M22	125	102	11.5	77	292	22	24
350	14	277	368	45	31.8	476.3	460	470	445	12-1"-8	16-M20	16-M24	16-M22	125	102	11.5	77	325	22	24
400	16	308	400	51	33.3	539.8	515	525	510	16-1"-8	16-M24	16-M27	16-M24	210	165	22	86	380	27	27
450	18	342	422	51	38.1	577.9	565	585	565	16-1 1/4"-7	20-M24	20-M27	20-M24	210	165	22	105	428	27	27
500	20	374	479	64	41.3	635	620	650	620	20-1 1/4"-7	20-M24	20-M30	20-M24	210	165	22	130	474	27	32
600	24	459	562	70	50.8	749.3	725	770	730	20-1 1/4"-7	20-M27	20-M33	24-M30	210	165	22	152	575	36	36

✧ 更多法兰标准，请咨询制造商。Please contact manufacturer if you want more flange standards.



F203 系列蝶阀设计符合 MSS SP-67, BS5155 和 API609 标准。适用于 GB、ANSI、DIN、BS、JIS 法兰标准。F203 系列蝶阀采用了无靠背阀座的设计。这种榫槽阀座扭矩小且易于更换。阀座密封面上有和阀座铸成一体 O 型圈, 无须使用法兰垫片。可提供的尺寸为 1"-24"。可提供对夹式、凸耳式阀体。可提供手柄、蜗动、电动或气动驱动。

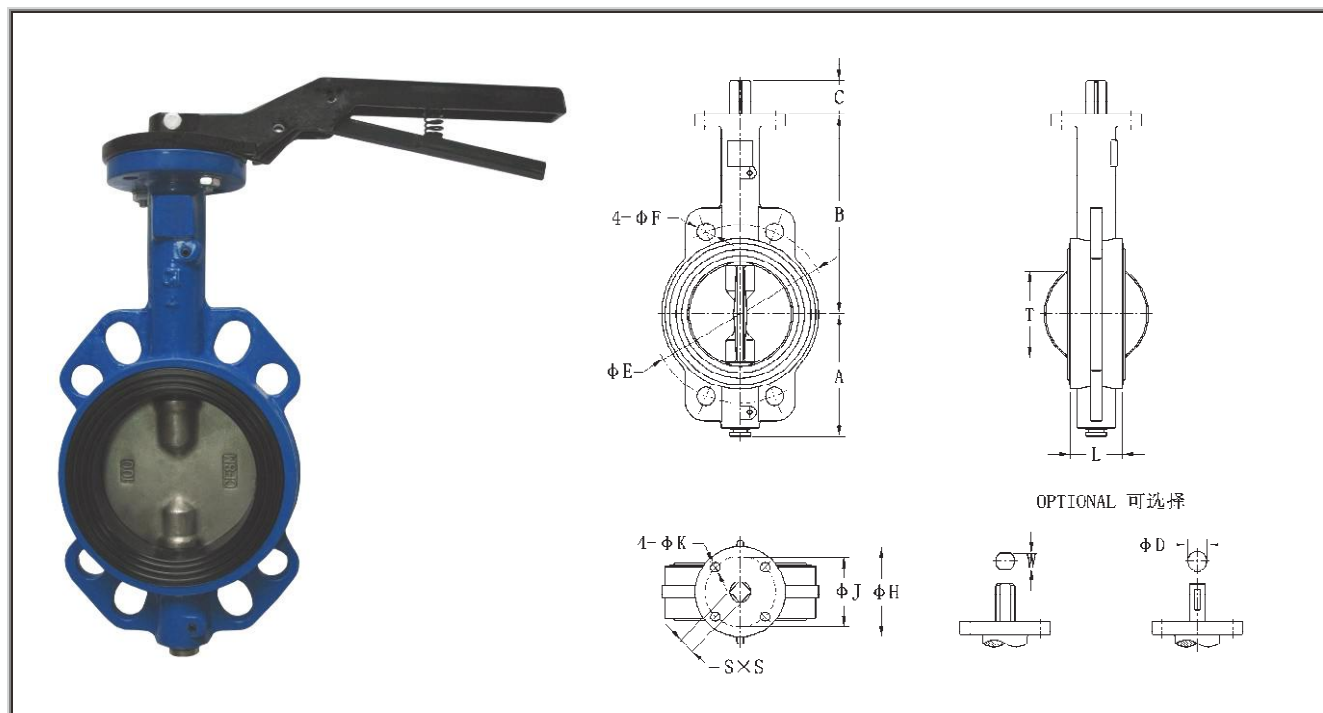
Series F203 butterfly valves designed to comply with MSS SP-67, BS5155 and API 609. Compatible with GB, ANSI, DIN, BS, JIS flanges. The seat of series F203 butterfly valve is designed into without back. The tongue-and-groove seat is lower torque and field replaceable. There is O-ring casted on the seal surface of the seat, negates need for flange gaskets. Available in size 1" to 24". Available in wafer type, lug type body. Available with handles, manual gear operators, and electric or pneumatic actuators.

材质单 Materials List

项目 Item	零件名称 Part Name	材质 Materials
1	上阀轴 Upper Stem	钢镀锌 Zinc Plated Steel; 不锈钢 Stainless Steel: ASTM A276 Type 316, Type 410, Type 420; ASTM A582 Type 416;
2	阀体 Body	铸铁 Cast Iron: ASTM A126CL. B, DIN1691 GG25, EN 1561 EN-GJL-200; GB12226 HT200; 球墨铸铁 Ductile Cast Iron: ASTM A536 65-45-12, DIN 1693 GGG40, EN1563 EN-GJS-400-15, GB12227 QT450-10;
3	阀板 Disc	球墨铸铁(表面镀镍或喷涂尼龙) Ductile Cast Iron(Nickel plated or Nylon coated): ASTM A536 65-45-12, DIN 1693 GGG40, EN1563 EN-GJS-400-15, GB12227 QT450-10; 不锈钢 Stainless Steel: ASTM A351 CF8, CF8M; CF3, CF3M; EN 1.4408, 1.4469; 1.4501; 铝青铜 AL-Bronze: ASTM B148 C95400;
4	阀座 Seat	丁晴, 乙丙, 氯丁, 氟橡胶; NBR, EPDM, Neoprene, Viton;
5	下阀轴 Lower Stem	钢镀锌 Zinc Plated Steel; 不锈钢 Stainless Steel: ASTM A276 Type 316, Type 410, Type 420; ASTM A582 Type 416;
6	O 型圈 O-Ring	丁晴, 乙丙, 氯丁, 氟橡胶 NBR, EPDM, Neoprene, Viton;
7	弹性销 Spring Pin	碳钢 Carbon Steel; 不锈钢 Stainless Steel
8	衬套 Bushing	聚四氟乙烯, 尼龙, 润滑青铜; PTFE, Nylon, Lubricated Bronze;



F203 系列对夹式蝶阀 Series F203 Wafer Type Butterfly Valve



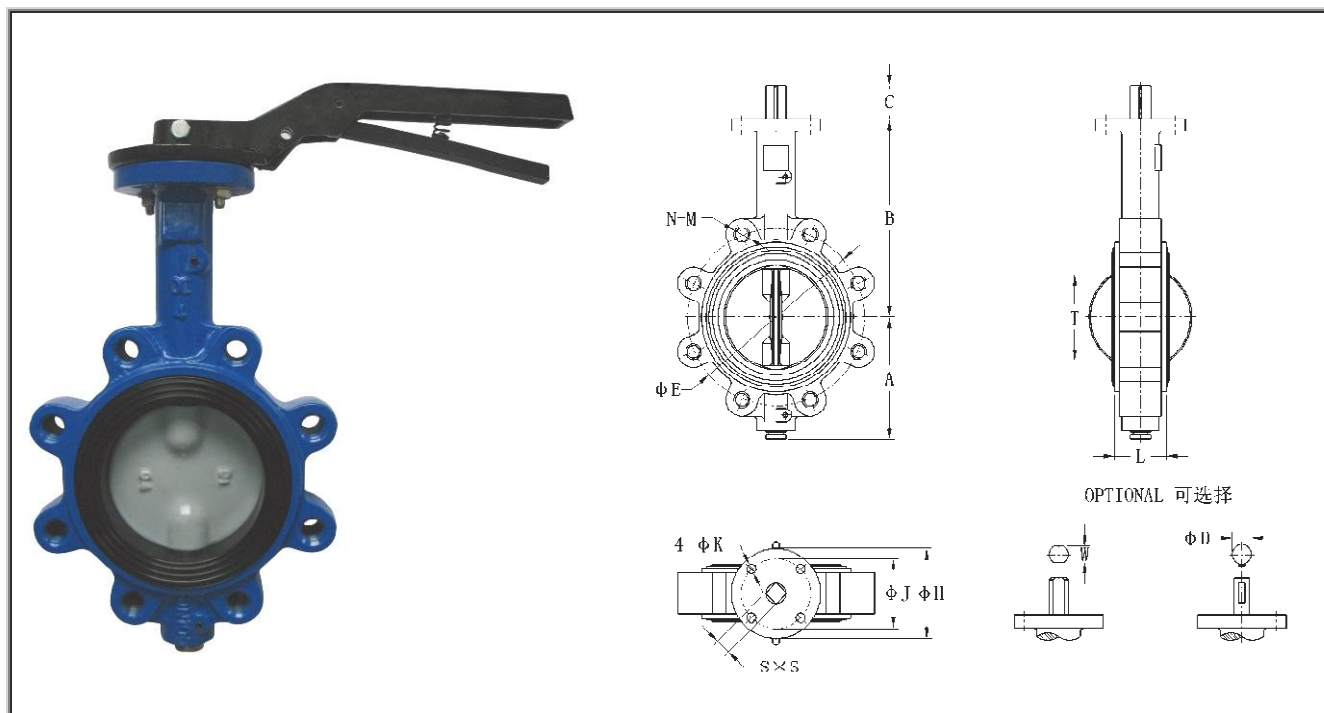
尺寸表 Dimensions List (mm)

规格 Size		A	B	C	D	E				F				H	J	K	L	T	S	W
mm	inch					ANSI 125/150	PN10	PN16	10K	ANSI 125/150	PN10	PN16	10K							
25	1	61	110	32	12.7	79.4	85	85	90	16	14	14	19	65	50	7	30	16	9	10
32	1¼	61	110	32	12.7	88.9	100	100	100	16	18	18	19	65	50	7	30	16	9	10
40	1½	79	145	32	12.7	98.4	110	110	105	16	18	18	19	65	50	7	33	27	9	10
50	2	85	162	32	12.7	120.7	125	125	120	19	18	18	19	65	50	7	42	32	9	10
65	2½	98	174	32	12.7	139.7	145	145	140	19	18	18	19	65	50	7	45	47	9	10
80	3	104	181	32	12.7	152.4	160	160	150	19	18	18	19	65	50	7	45	65	9	10
100	4	123	200	32	15.9	190.5	180	180	175	19	18	18	19	90	70	9.5	52	90	11	12
125	5	136	213	32	19.1	215.9	210	210	210	22	18	18	23	90	70	9.5	54	111	14	14
150	6	148	225	32	19.1	241.3	240	240	240	22	22	22	23	90	70	9.5	56	145	14	14
200	8	186	260	38	22.2	298.5	295	295	290	22	22	22	23	125	102	11.5	60	193	17	17
250	10	212	292	38	28.6	362	350	355	355	25	22	26	25	125	102	11.5	66	241	22	22
300	12	251	337	38	31.8	431.8	400	410	400	25	22	26	25	125	102	11.5	77	292	22	24
350	14	277	368	45	31.8	476.3	460	470	445	29	22	26	25	125	102	11.5	77	325	22	24
400	16	308	400	51	33.3	539.8	515	525	510	29	26	30	27	210	165	22	102	380	27	27
450	18	342	422	51	38.1	577.9	565	585	565	32	26	30	27	210	165	22	114	428	27	27
500	20	374	479	64	41.3	635	620	650	620	32	26	33	27	210	165	22	130	474	27	32
600	24	459	562	70	50.8	749.3	725	770	730	35	30	36	33	210	165	22	152	575	36	36

◇ 更多法兰标准，请咨询制造商。Please contact manufacturer if you want more flange standards.



F203 系列凸耳式蝶阀 Series F203 Lug Type Butterfly Valve



尺寸表 Dimensions List (mm)

规格 Size		A	B	C	D	E				N-M				H	J	K	L	T	S	W
mm	inch					ANSI 125/150	PN10	PN16	10K	ANSI 125/150	PN10	PN16	10K							
25	1	61	110	32	12.7	79.4	85	85	90	4-1/2"-12	4-M12	4-M12	4-M16	65	50	7	30	16	9	10
32	1 1/4	61	110	32	12.7	88.9	100	100	100	4-1/2"-12	4-M16	4-M16	4-M16	65	50	7	30	16	9	10
40	1 1/2	79	145	32	12.7	98.4	110	110	105	4-1/2"-12	4-M16	4-M16	4-M16	65	50	7	33	27	9	10
50	2	85	162	32	12.7	120.7	125	125	120	4-3/8"-11	4-M16	4-M16	4-M16	65	50	7	42	32	9	10
65	2 1/2	98	174	32	12.7	139.7	145	145	140	4-3/8"-11	4-M16	4-M16	4-M16	65	50	7	45	47	9	10
80	3	104	181	32	12.7	152.4	160	160	150	4-3/8"-11	4-M16	8-M16	8-M16	65	50	7	45	65	9	10
100	4	123	200	32	15.9	190.5	180	180	175	8-5/8"-11	8-M16	8-M16	8-M16	90	70	9.5	52	90	11	12
125	5	136	213	32	19.1	215.9	210	210	210	8-3/4"-10	8-M16	8-M16	8-M20	90	70	9.5	54	111	14	14
150	6	148	225	32	19.1	241.3	240	240	240	8-3/4"-10	8-M20	8-M20	8-M20	90	70	9.5	56	145	14	14
200	8	186	260	38	22.2	298.5	295	295	290	8-3/4"-10	8-M20	12-M20	12-M20	125	102	11.5	60	193	17	17
250	10	212	292	38	28.6	362	350	355	355	12-7/8"-9	12-M20	12-M24	12-M22	125	102	11.5	66	241	22	22
300	12	251	337	38	31.8	431.8	400	410	400	12-7/8"-9	12-M20	12-M24	16-M22	125	102	11.5	77	292	22	24
350	14	277	368	45	31.8	476.3	460	470	445	12-1"-8	16-M20	16-M24	16-M22	125	102	11.5	77	325	22	24
400	16	308	400	51	33.3	539.8	515	525	510	16-1"-8	16-M24	16-M27	16-M24	210	165	22	102	380	27	27
450	18	342	422	51	38.1	577.9	565	585	565	16-1 1/4"-7	20-M24	20-M27	20-M24	210	165	22	114	428	27	27
500	20	374	479	64	41.3	635	620	650	620	20-1 1/4"-7	20-M24	20-M30	20-M24	210	165	22	130	474	27	32
600	24	459	562	70	50.8	749.3	725	770	730	20-1 1/4"-7	20-M27	20-M33	24-M30	210	165	22	152	575	36	36

◇ 更多法兰标准，请咨询制造商。Please contact manufacturer if you want more flange standards.



F235 系列 Series F235

F235 系列是 F201 系列的一种改型。专门适用于 ANSI 125/150 法兰。可提供的尺寸为 2"-12"。可提供型号 15 和 25 的两种对夹式阀体，型号 20 和 30 的两种凸耳式阀体。与阀体一体的加强筋保证了高强度和低重量。加大的驱动法兰为驱动装置提供了更可靠的支撑范围。可提供手柄、蜗动、电动或气动驱动。

Series F235 is remodification of series F201. Only compatible with ANSI 125/150 flanges. Available in size 1" to 12". Available in wafer type model 15 and model 25, lug type model 20 and model 30 body. One piece bodies are ribbed to assure high strength and minimum weight. The large top flange provides a secure mounting area for actuators. Available with handles, manual gear operators, and electric or pneumatic actuators.

材质单 Materials List

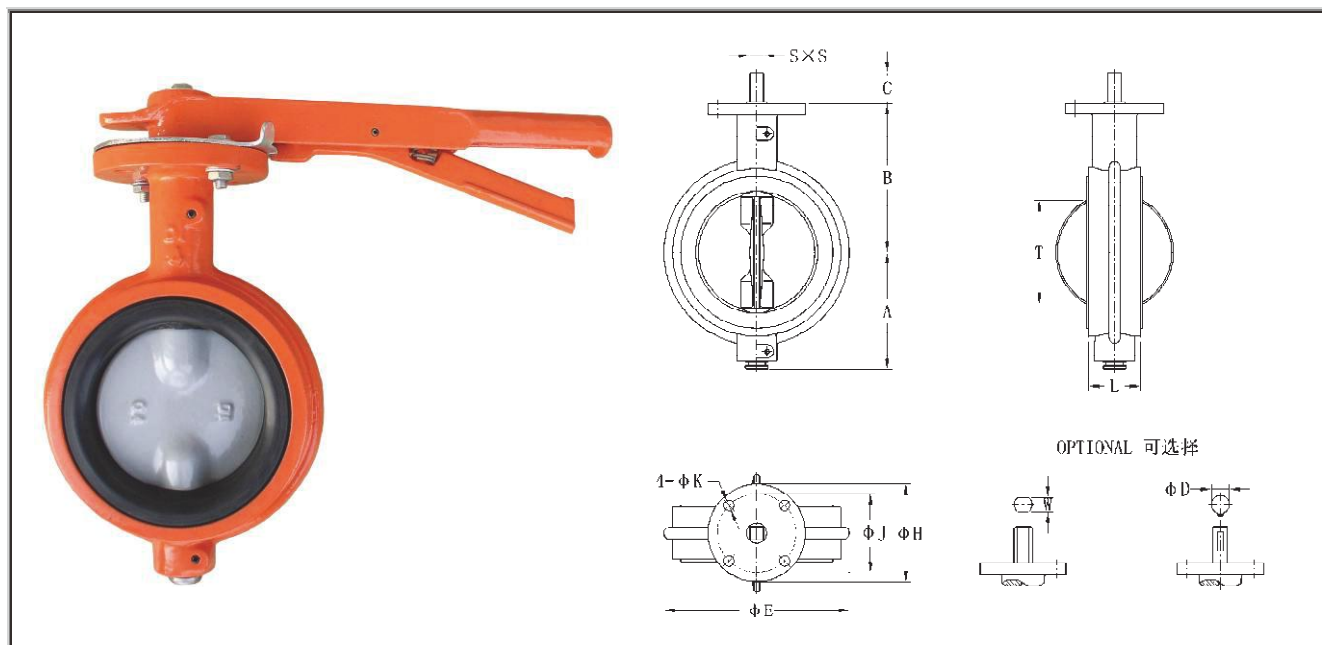
项目 Item	零件名称 Part Name	材质 Materials
1	阀体 Body	铸铁 Cast Iron: ASTM A126CL. B ,球墨铸铁 Ductile Cast Iron: ASTM A536 65-45-12,
2	上阀轴 Upper Stem	钢镀锌 Zinc Plated Steel; 不锈钢 Stainless Steel: ASTM A276 Type 316, Type 410, Type 420; ASTM A582 Type 416;
3	阀座 Seat	丁晴, 乙丙, 氯丁, 聚四氟乙烯, 氟橡胶; NBR, EPDM, Neoprene, PTFE, Viton;
4	弹性销 Spring Pin	碳钢 Carbon Steel; 不锈钢 Stainless Steel
5	下阀轴 Lower Stem	钢镀锌 Zinc Plated Steel; 不锈钢 Stainless Steel: ASTM A276 Type 316, Type 410, Type 420; ASTM A582 Type 416;
6	阀板 Disc	球墨铸铁(表面镀镍或喷涂尼龙) Ductile Cast Iron(Nickel plated or Nylon coated): ASTM A536 65-45-12, 不锈钢 Stainless Steel: ASTM A351 CF8, CF8M; CF3, CF3M; EN 1.4408, 1.4469; 1.4501; 铝青铜 AL-Bronze: ASTM B148 C95400;
7	O 型圈 O-Ring	丁晴, 乙丙, 氯丁, 氟橡胶 NBR, EPDM, Neoprene, Viton;
8	衬套 Bushing	聚四氟乙烯, 尼龙, 润滑青铜; PTFE, Nylon, Lubricated Bronze;

性能参数 Performance Data

公称通径 Nominal Diameter		2"-12" (50-300 mm)	
冷工作压力 CWP		CI Body(灰铁阀体)	DI Body (球铁阀体)
		200 PSI (14 Bar)	250 PSI (17 Bar)
试验压力 Testing Pressure	壳体 Shell	350 PSI (25 Bar)	400 PSI (26 Bar)
	密封 Seal	225 PSI (16 Bar)	275 PSI (19 Bar)
操作方式 Operation Methods		手柄、蜗动、电动、气动 Handle, Worm Gear Operators, Electric Actuators, Pneumatic Actuators	
适用介质 Suitable Medium		淡水、污水、海水、蒸汽、煤气、各种油品、各种酸碱类及其他。 Fresh water, waste water, sea water, vapour, gas, oils, acid and alkaline	



15 型对夹式蝶阀 Wafer Type Model 15 Butterfly Valve



尺寸表 Dimensions List (inch)

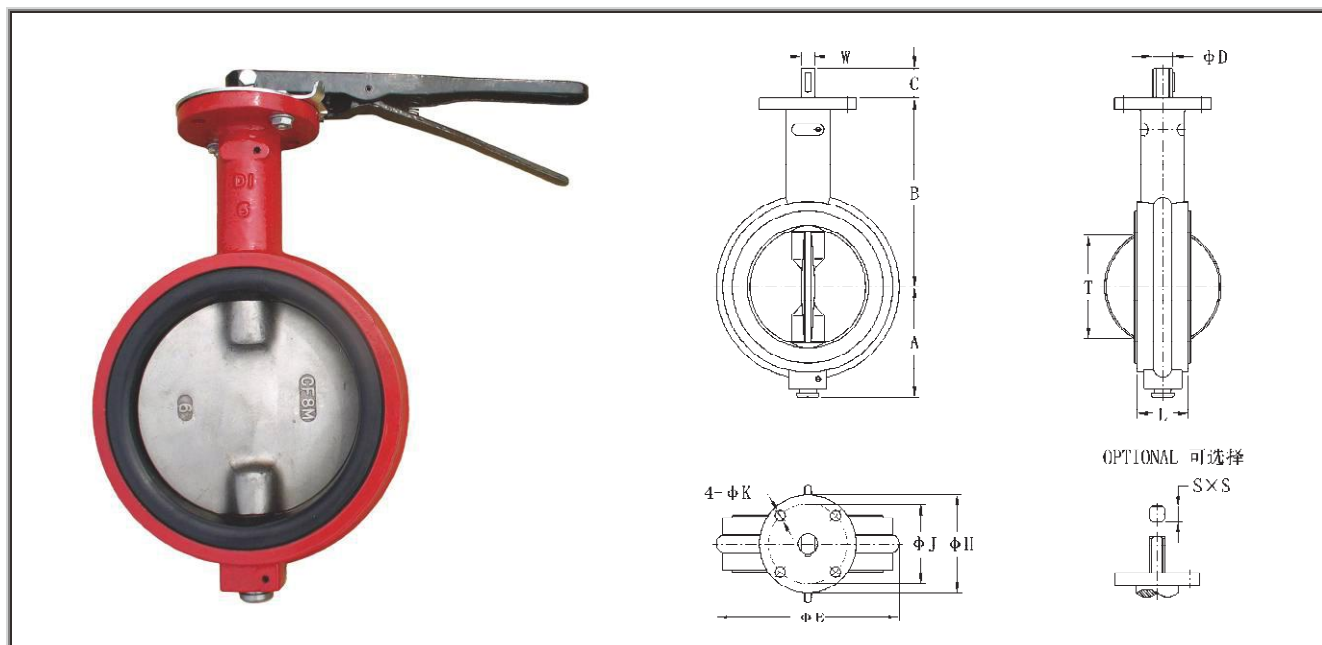
规格 Size	A	B	C	D	E	H	J	K	L	S	T	W
2	3	$3^{15}/_{16}$	$1^{1}/_{32}$	$1^{1}/_{2}$	$4^{1}/_{8}$	4	$3^{1}/_{4}$	$7/_{16}$	$1^{21}/_{32}$	$5/_{8}$	$1^{1}/_{4}$	$3/_{8}$
$2^{1}/_{2}$	$3^{11}/_{32}$	$4^{19}/_{32}$	$1^{1}/_{32}$	$1^{1}/_{2}$	$4^{7}/_{8}$	4	$3^{1}/_{4}$	$7/_{16}$	$1^{3}/_{4}$	$5/_{8}$	$1^{55}/_{64}$	$3/_{8}$
3	$3^{21}/_{32}$	$4^{29}/_{32}$	$1^{1}/_{32}$	$1^{1}/_{2}$	$5^{3}/_{8}$	4	$3^{1}/_{4}$	$7/_{16}$	$1^{25}/_{32}$	$5/_{8}$	$2^{9}/_{16}$	$3/_{8}$
4	$4^{9}/_{32}$	6	$1^{9}/_{32}$	$5/_{8}$	$6^{7}/_{8}$	4	$3^{1}/_{4}$	$7/_{16}$	$2^{3}/_{64}$	$5/_{8}$	$3^{35}/_{64}$	$7/_{16}$
5	$4^{27}/_{32}$	$6^{1}/_{8}$	$1^{9}/_{32}$	$3/_{4}$	$7^{3}/_{4}$	4	$3^{1}/_{4}$	$7/_{16}$	$2^{1}/_{8}$	$5/_{8}$	$4^{3}/_{8}$	$1^{1}/_{2}$
6	$5^{11}/_{32}$	$6^{11}/_{16}$	$1^{9}/_{32}$	$3/_{4}$	$8^{3}/_{4}$	4	$3^{1}/_{4}$	$7/_{16}$	$2^{3}/_{16}$	$5/_{8}$	$5^{45}/_{64}$	$1^{1}/_{2}$
8	$6^{17}/_{32}$	$9^{7}/_{16}$	$1^{9}/_{32}$	$7/_{8}$	11	6	5	$9/_{16}$	$2^{3}/_{8}$	$7/_{8}$	$7^{19}/_{32}$	$5/_{8}$
10	$7^{27}/_{32}$	$11^{7}/_{32}$	$1^{9}/_{32}$	$1^{1}/_{8}$	$13^{3}/_{8}$	6	5	$9/_{16}$	$2^{37}/_{64}$	$7/_{8}$	$9^{31}/_{64}$	$5/_{8}$
12	$9^{3}/_{8}$	$11^{13}/_{16}$	$1^{9}/_{32}$	$1^{1}/_{4}$	$16^{1}/_{8}$	6	5	$9/_{16}$	$3^{1}/_{32}$	$1^{1}/_{8}$	$11^{1}/_{2}$	$3/_{4}$

尺寸表 Dimensions List (mm)

规格 Size	A	B	C	D	E	H	J	K	L	S	T	W
50	76	100	26.2	12.7	104.8	101.6	82.6	11.1	42	15.9	32	9.5
65	85	117	26.2	12.7	123.9	101.6	82.6	11.1	45	15.9	47	9.5
80	93	125	26.2	12.7	136.5	101.6	82.6	11.1	45	15.9	65	9.5
100	109	152	32.5	15.9	174.6	101.6	82.6	11.1	52	15.9	90	11.1
125	123	156	32.5	19.1	196.9	101.6	82.6	11.1	54	15.9	111	12.7
150	136	170	32.5	19.1	222.3	101.6	82.6	11.1	56	15.9	145	12.7
200	166	240	32.5	22.2	279.4	152.4	127	14.3	60	22.2	193	15.9
250	199	285	32.5	28.6	339.7	152.4	127	14.3	66	22.2	241	15.9
300	238	300	32.5	31.8	409.6	152.4	127	14.3	77	28.6	292	19.1



25 型对夹式蝶阀 Wafer Type Model 25 Butterfly Valve



尺寸表 Dimensions List (inch)

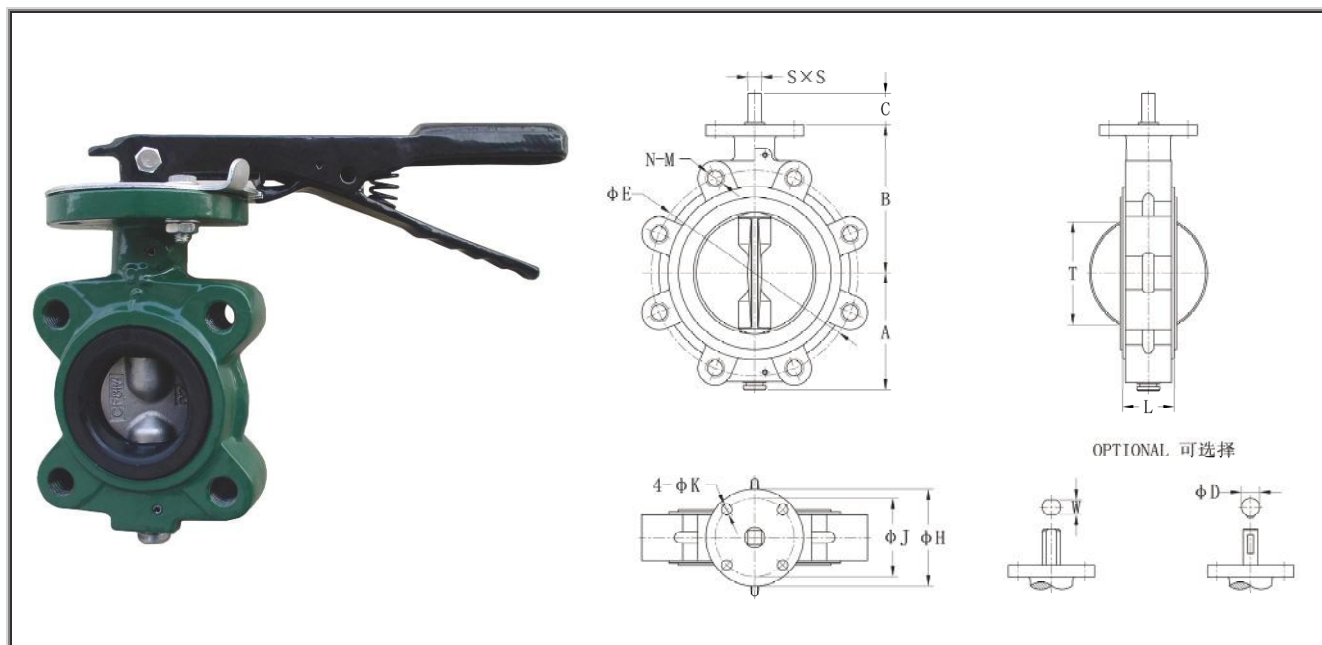
规格 Size	A	B	C	D	E	H	J	K	L	T	S	W
2	2 ⁷ / ₈	5 ⁵ / ₈	1 ¹ / ₄	1 ¹ / ₂	4 ¹ / ₈	4	3 ¹ / ₄	7 ⁷ / ₁₆	1 ²¹ / ₃₂	1 ¹ / ₄	5 ⁵ / ₈	3 ³ / ₈
2 ¹ / ₂	3 ⁷ / ₆₄	6 ¹ / ₈	1 ¹ / ₄	1 ¹ / ₂	4 ⁷ / ₈	4	3 ¹ / ₄	7 ⁷ / ₁₆	1 ³ / ₄	1 ⁵⁵ / ₆₄	5 ⁵ / ₈	3 ³ / ₈
3	3 ¹¹ / ₃₂	6 ³ / ₈	1 ¹ / ₄	1 ¹ / ₂	5 ³ / ₈	4	3 ¹ / ₄	7 ⁷ / ₁₆	1 ²⁵ / ₃₂	2 ⁹ / ₁₆	5 ⁵ / ₈	3 ³ / ₈
4	4 ³ / ₆₄	7 ¹ / ₈	1 ¹ / ₄	5 ⁵ / ₈	6 ⁷ / ₈	4	3 ¹ / ₄	7 ⁷ / ₁₆	2 ³ / ₆₄	3 ³⁵ / ₆₄	5 ⁵ / ₈	7 ⁷ / ₁₆
5	4 ¹⁷ / ₃₂	7 ³ / ₄	1 ¹ / ₄	3 ³ / ₄	7 ³ / ₄	4	3 ¹ / ₄	7 ⁷ / ₁₆	2 ¹ / ₈	4 ³ / ₈	5 ⁵ / ₈	1 ¹ / ₂
6	5 ⁵ / ₃₂	8 ¹ / ₄	1 ¹ / ₄	3 ³ / ₄	8 ³ / ₄	4	3 ¹ / ₄	7 ⁷ / ₁₆	2 ³ / ₁₆	5 ⁴⁵ / ₆₄	5 ⁵ / ₈	1 ¹ / ₂
8	6 ¹⁹ / ₆₄	9 ⁷ / ₁₆	1 ¹ / ₂	7 ⁷ / ₈	11	6	5	9 ⁹ / ₁₆	2 ³ / ₈	7 ¹⁹ / ₃₂	7 ⁷ / ₈	5 ⁵ / ₈
10	7 ³¹ / ₆₄	11 ¹ / ₄	1 ¹ / ₂	1 ¹ / ₈	13 ³ / ₈	6	5	9 ⁹ / ₁₆	2 ³⁷ / ₆₄	9 ³¹ / ₆₄	7 ⁷ / ₈	5 ⁵ / ₈
12	9 ¹⁷ / ₃₂	12 ³ / ₁₆	1 ¹ / ₂	1 ¹ / ₄	16 ¹ / ₈	6	5	9 ⁹ / ₁₆	3 ¹ / ₃₂	11 ¹ / ₂	1 ¹ / ₈	3 ³ / ₄

尺寸表 Dimensions List (mm)

规格 Size	A	B	C	D	E	H	J	K	L	T	S	W
50	73	143	32	12.7	104.8	101.6	82.6	11.1	42	32	15.9	9.5
65	79	156	32	12.7	123.9	101.6	82.6	11.1	45	47	15.9	9.5
80	85	162	32	12.7	136.5	101.6	82.6	11.1	45	65	15.9	9.5
100	103	181	32	15.9	174.6	101.6	82.6	11.1	52	90	15.9	11.1
125	115	197	32	19.1	196.9	101.6	82.6	11.1	54	111	15.9	12.7
150	131	210	32	19.1	222.3	101.6	82.6	11.1	56	145	15.9	12.7
200	160	240	38	22.2	279.4	152.4	127	14.3	60	193	22.2	15.9
250	190	286	38	25.6	339.7	152.4	127	14.3	66	241	22.2	15.9
300	242	310	38	31.8	409.6	152.4	127	14.3	77	292	28.6	19.1



20 型凸耳式蝶阀 Lug Type Model 20 Butterfly Valve



尺寸表 Dimensions List (inch)

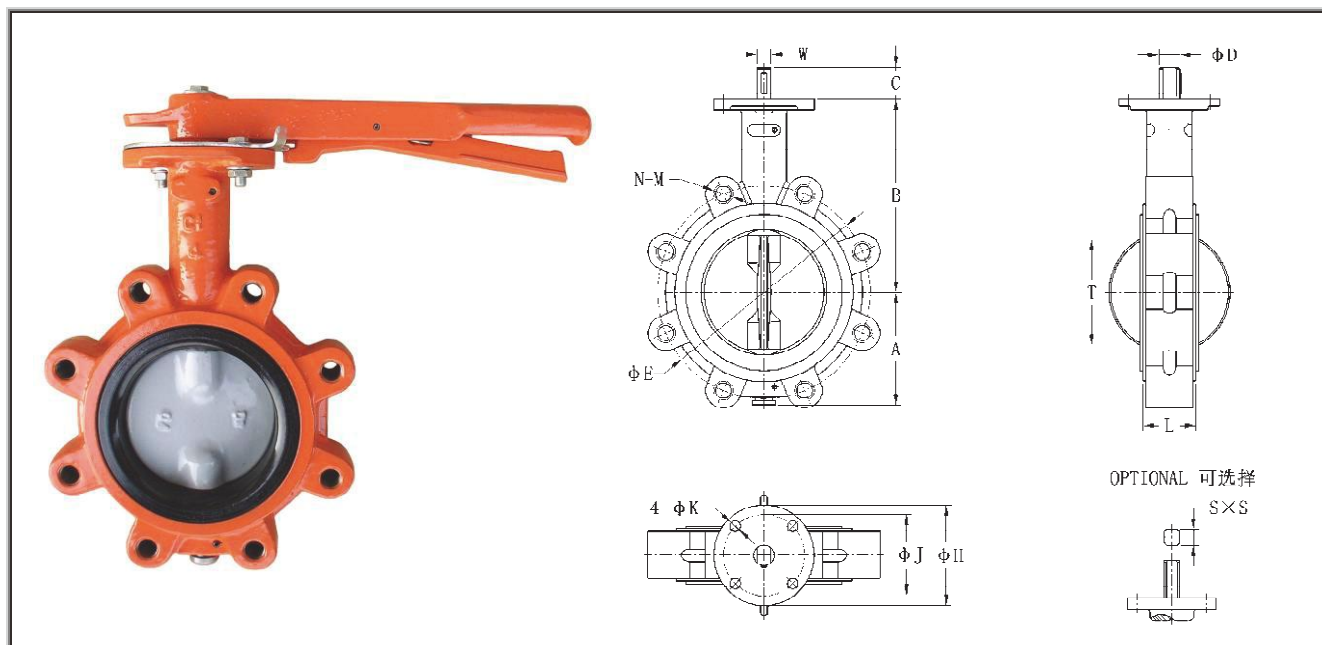
规格 Size	A	B	C	D	E	M	H	J	K	L	S	T	W
2	3	3 ¹⁵ / ₁₆	1 ¹ / ₃₂	1/2	4 ³ / ₄	5/8-11	4	3 ¹ / ₄	7/16	1 ²¹ / ₃₂	5/8	1 ¹ / ₄	3/8
2 ¹ / ₂	3 ¹¹ / ₃₂	4 ¹⁹ / ₃₂	1 ¹ / ₃₂	1/2	5 ¹ / ₂	5/8-11	4	3 ¹ / ₄	7/16	1 ³ / ₄	5/8	1 ⁵⁵ / ₆₄	3/8
3	3 ²¹ / ₃₂	4 ²⁹ / ₃₂	1 ¹ / ₃₂	1/2	6	5/8-11	4	3 ¹ / ₄	7/16	1 ²⁵ / ₃₂	5/8	2 ⁹ / ₁₆	3/8
4	4 ⁹ / ₃₂	6	1 ⁹ / ₃₂	5/8	7 ¹ / ₂	5/8-11	4	3 ¹ / ₄	7/16	2 ³ / ₆₄	5/8	3 ³⁵ / ₆₄	7/16
5	4 ²⁷ / ₃₂	6 ¹ / ₈	1 ⁹ / ₃₂	3/4	8 ¹ / ₂	3/4-10	4	3 ¹ / ₄	7/16	2 ¹ / ₈	5/8	4 ³ / ₈	1/2
6	5 ¹¹ / ₃₂	6 ¹¹ / ₁₆	1 ⁹ / ₃₂	3/4	9 ¹ / ₂	3/4-10	4	3 ¹ / ₄	7/16	2 ³ / ₁₆	5/8	5 ⁴⁵ / ₆₄	1/2
8	6 ¹⁷ / ₃₂	9 ⁷ / ₁₆	1 ⁹ / ₃₂	7/8	11 ³ / ₄	3/4-10	6	5	9/16	2 ³ / ₈	7/8	7 ¹⁹ / ₃₂	5/8
10	7 ²⁷ / ₃₂	11 ⁷ / ₃₂	1 ⁹ / ₃₂	1 ¹ / ₈	14 ¹ / ₄	7/8-9	6	5	9/16	2 ³⁷ / ₆₄	7/8	9 ³¹ / ₆₄	5/8
12	9 ³ / ₈	11 ¹³ / ₁₆	1 ⁹ / ₃₂	1 ¹ / ₄	17	7/8-9	6	5	9/16	3 ¹ / ₃₂	1 ¹ / ₈	11 ¹ / ₂	3/4

尺寸表 Dimensions List (mm)

规格 Size	A	B	C	D	E	M	H	J	K	L	S	T	W
50	76	100	26.2	12.7	120.7	5/8-11	101.6	82.6	11.1	42	15.9	32	9.5
65	85	117	26.2	12.7	139.7	5/8-11	101.6	82.6	11.1	45	15.9	47	9.5
80	93	125	26.2	12.7	152.4	5/8-11	101.6	82.6	11.1	45	15.9	65	9.5
100	109	152	32.5	15.9	190.5	5/8-11	101.6	82.6	11.1	52	15.9	90	11.1
125	123	156	32.5	19.1	215.9	3/4-10	101.6	82.6	11.1	54	15.9	111	12.7
150	136	170	32.5	19.1	241.3	3/4-10	101.6	82.6	11.1	56	15.9	145	12.7
200	166	240	32.5	22.2	298.5	3/4-10	152.4	127	14.3	60	22.2	193	15.9
250	199	285	32.5	28.6	362	7/8-9	152.4	127	14.3	66	22.2	241	15.9
300	238	300	32.5	31.8	431.8	7/8-9	152.4	127	14.3	77	28.6	292	19.1



30 型凸耳式蝶阀 Lug Type Model 30 Butterfly Valve



尺寸表 Dimensions List (inch)

规格 Size	A	B	C	D	E	M	H	J	K	L	T	S	W
2	2 ⁷ / ₈	5 ⁵ / ₈	1 ¹ / ₄	1 ¹ / ₂	4 ³ / ₄	5 ⁵ / ₈ -11	4	3 ¹ / ₄	7 ⁷ / ₁₆	12 ²¹ / ₃₂	1 ¹ / ₄	5 ⁵ / ₈	3 ³ / ₈
2 ¹ / ₂	3 ⁷ / ₆₄	6 ¹ / ₈	1 ¹ / ₄	1 ¹ / ₂	5 ¹ / ₂	5 ⁵ / ₈ -11	4	3 ¹ / ₄	7 ⁷ / ₁₆	1 ³ / ₄	1 ⁵⁵ / ₆₄	5 ⁵ / ₈	3 ³ / ₈
3	3 ¹¹ / ₃₂	6 ³ / ₈	1 ¹ / ₄	1 ¹ / ₂	6	5 ⁵ / ₈ -11	4	3 ¹ / ₄	7 ⁷ / ₁₆	12 ²⁵ / ₃₂	2 ⁹ / ₁₆	5 ⁵ / ₈	3 ³ / ₈
4	4 ³ / ₆₄	7 ¹ / ₈	1 ¹ / ₄	5 ⁵ / ₈	7 ¹ / ₂	5 ⁵ / ₈ -11	4	3 ¹ / ₄	7 ⁷ / ₁₆	2 ³ / ₆₄	3 ³⁵ / ₆₄	5 ⁵ / ₈	7 ⁷ / ₁₆
5	4 ¹⁷ / ₃₂	7 ³ / ₄	1 ¹ / ₄	3 ³ / ₄	8 ¹ / ₂	3 ³ / ₄ -10	4	3 ¹ / ₄	7 ⁷ / ₁₆	2 ¹ / ₈	4 ³ / ₈	5 ⁵ / ₈	1 ¹ / ₂
6	5 ⁵ / ₃₂	8 ¹ / ₄	1 ¹ / ₄	3 ³ / ₄	9 ¹ / ₂	3 ³ / ₄ -10	4	3 ¹ / ₄	7 ⁷ / ₁₆	2 ³ / ₁₆	5 ⁴⁵ / ₆₄	5 ⁵ / ₈	1 ¹ / ₂
8	6 ¹⁹ / ₆₄	9 ⁷ / ₁₆	1 ¹ / ₂	7 ⁷ / ₈	11 ³ / ₄	3 ³ / ₄ -10	6	5	9 ⁹ / ₁₆	2 ³ / ₈	7 ¹⁹ / ₃₂	7 ⁷ / ₈	5 ⁵ / ₈
10	7 ³¹ / ₆₄	11 ¹ / ₄	1 ¹ / ₂	1 ¹ / ₈	14 ¹ / ₄	7 ⁷ / ₈ -9	6	5	9 ⁹ / ₁₆	2 ³⁷ / ₆₄	9 ³¹ / ₆₄	7 ⁷ / ₈	5 ⁵ / ₈
12	9 ¹⁷ / ₃₂	12 ³ / ₁₆	1 ¹ / ₂	1 ¹ / ₄	17	7 ⁷ / ₈ -9	6	5	9 ⁹ / ₁₆	3 ¹ / ₃₂	11 ¹ / ₂	1 ¹ / ₈	3 ³ / ₄

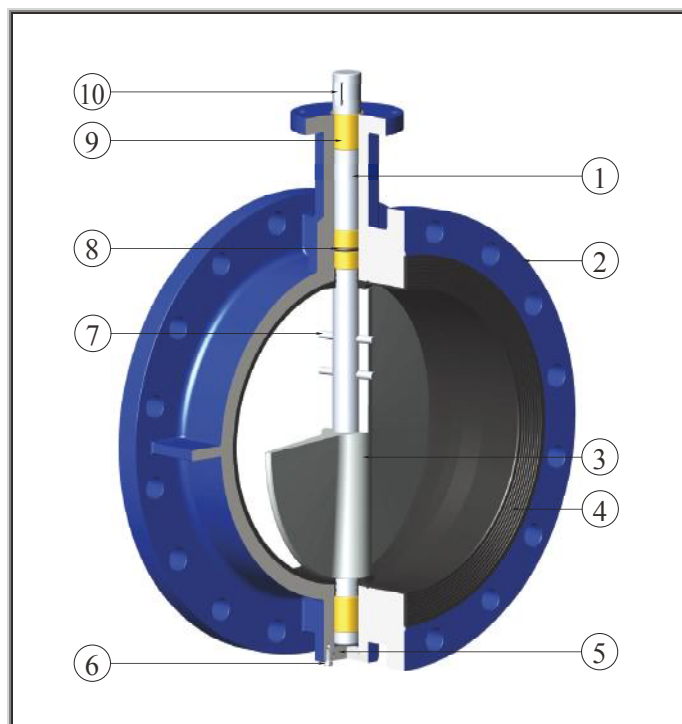
尺寸表 Dimensions List (mm)

规格 Size	A	B	C	D	E	M	H	J	K	L	T	S	W
50	73	143	32	12.7	120.7	5 ⁵ / ₈ -11	101.6	82.6	11.1	42	32	15.9	9.5
65	79	156	32	12.7	139.7	5 ⁵ / ₈ -11	101.6	82.6	11.1	45	47	15.9	9.5
80	85	162	32	12.7	152.4	5 ⁵ / ₈ -11	101.6	82.6	11.1	45	65	15.9	9.5
100	103	181	32	15.9	190.5	5 ⁵ / ₈ -11	101.6	82.6	11.1	52	90	15.9	11.1
125	115	197	32	19.1	215.9	3 ³ / ₄ -10	101.6	82.6	11.1	54	111	15.9	12.7
150	131	210	32	19.1	241.3	3 ³ / ₄ -10	101.6	82.6	11.1	56	145	15.9	12.7
200	160	240	38	22.2	298.5	3 ³ / ₄ -10	152.4	127	14.3	60	193	22.2	15.9
250	190	286	38	28.6	362	7 ⁷ / ₈ -9	152.4	127	14.3	66	241	22.2	15.9
300	242	310	38	31.8	431.8	7 ⁷ / ₈ -9	152.4	127	14.3	77	292	28.6	19.1



F401 系列阀门设计符合 BS5155。适用于 GB、DIN、BS、ANSI125/150 法兰。结构长度符合 ISO5752 基本系列 13（短）/DIN 3202 第一部分 F16 系列。橡胶衬里直接粘接在了阀体上，法兰密封面上有和阀座铸成一体 O 型圈，无须使用法兰垫片。可提供的尺寸为 2"-48"。可提供手柄、蜗动、电动或气动驱动。

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.

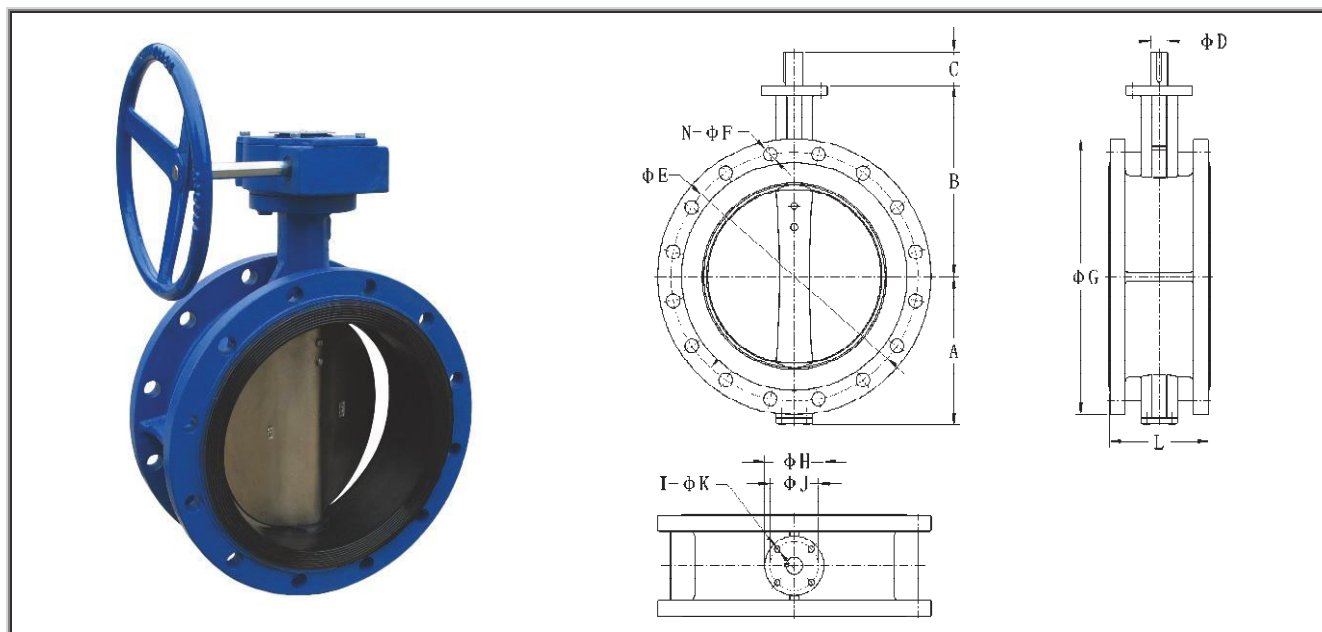


材质单 Materials List

项目 Item	零件名称 Part Name	材质 Materials
1	阀轴 Stem	钢镀锌 Zinc Plated Steel; 不锈钢 Stainless Steel: ASTM A276 Type 316, Type 410, Type 420; ASTM A582 Type 416;
2	阀体 Body	铸铁 Cast Iron: ASTM A126CL. B, DIN1691 GG25, EN 1561 EN-GJL-200; GB12226 HT200; 球墨铸铁 Ductile Cast Iron: ASTM A536 65-45-12, DIN 1693 GGG40, EN1563 EN-GJS-400-15, GB12227 QT450-10;
3	阀板 Disc	球墨铸铁(表面镀镍) Ductile Cast Iron(Nickel plated): ASTM A536 65-45-12, DIN 1693 GGG40, EN1563 EN-GJS-400-15, GB12227 QT450-10; 不锈钢 Stainless Steel: ASTM A351 CF8, CF8M; CF3, CF3M; EN 1.4408, 1.4469; 1.4501; 铝青铜 AL-Bronze: ASTM B148 C95400;
4	阀座 Seat	丁晴, 乙丙, 氯丁, 聚四氟乙烯, 氟橡胶; NBR, EPDM, Neoprene, PTFE, Viton;
5	底盖 End Cap	铸铁 Cast Iron: ASTM A126CL. B, DIN1691 GG25, EN 1561 EN-GJL-200; 球墨铸铁 Ductile Cast Iron: ASTM A536 65-45-12, DIN 1693 GGG40, EN1563 EN-GJS-400-15,
6	螺栓 Bolt	钢镀锌 Zinc Plated Steel;
7	锥销 Taper Pin	不锈钢 Stainless Steel: ASTM A276 Type 304, Type 316; EN 1.4501;
8	O 型圈 O-Ring	丁晴, 乙丙, 氯丁, 氟橡胶 NBR, EPDM, Neoprene, Viton;
9	衬套 Bushing	聚四氟乙烯, 润滑青铜; PTFE, Lubricated Bronze;
10	键 Key	碳钢 Carbon Steel



短结构双法兰蝶阀 Double Flanged Short Type Butterfly Valve



尺寸表 Dimensions List (mm)

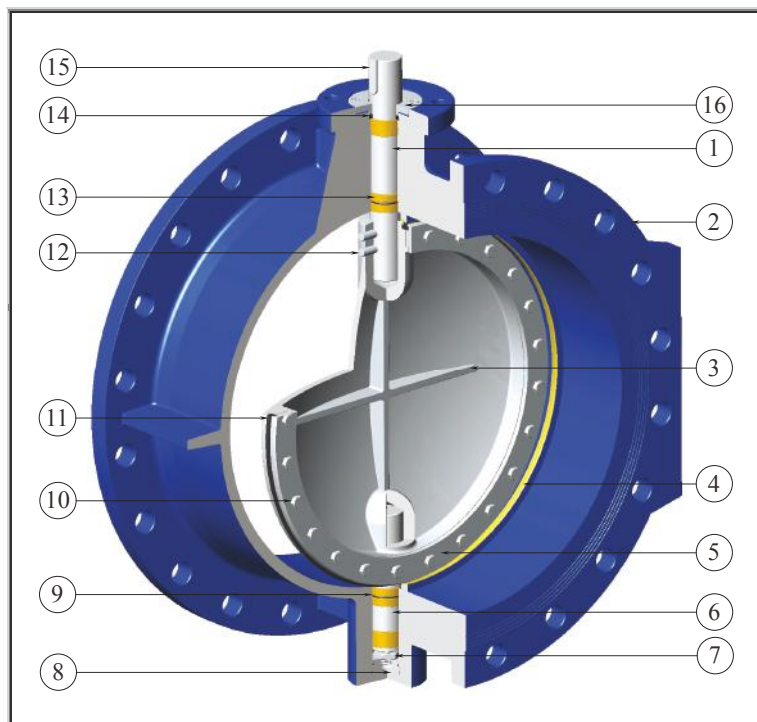
规格 Size		A	B	C	D	E			N-F			G			H	J	I-K	L
mm	inch					ANSI 125/150	PN10	PN16	ANSI 125/150	PN10	PN16	ANSI 125/150	PN10	PN16				
50	2	70	130	32	12.7	120.7	125	125	4-19	4-18	4-18	152	165	165	90	70	4-9.5	108
65	2½	75	140	32	12.7	139.7	145	145	4-19	4-18	4-18	178	185	185	90	70	4-9.5	112
80	3	85	150	32	12.7	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	—	840	840	—	24-30	24-36	—	895	910	300	254	8-18	292
800	32	565	640	72	55	—	950	950	—	24-33	24-39	—	1025	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	—	1160	1170	—	28-36	28-42	—	1230	1255	300	254	8-18	410
1200	48	790	880	150	92	1422.4	1380	1390	44-41	32-39	32-48	1511	1455	1485	350	298	8-22	470

◇ 更多法兰标准，请咨询制造商。Please contact manufacturer if you want more flange standards.



F402 系列阀门设计符合 BS5155。适用于 GB、DIN、BS、ANSI125/150 法兰。结构长度符合 ISO5752 基本系列 14（长）/DIN 3202 第一部分 F4 系列。采用双偏心设计，可减少密封圈的摩擦延长使用寿命。一体式阀座密封圈。可提供的尺寸为 4"-48"。可提供手柄、蜗动、电动或气动驱动。

Series F402 valves designed to comply with BS5155. Compatible with GB, DIN, BS and ANSI125/150 flanges. Face to face according to ISO 5752 basic series 14 (long)/DIN 3202 part 1 series F4. Adopting design of double-eccentric, the friction on sealing ring may be decreased to extend service life. One piece profile sealing resilient seat Available in size 4" to 48". Available with handles, manual gear operators, and electric or pneumatic actuators.

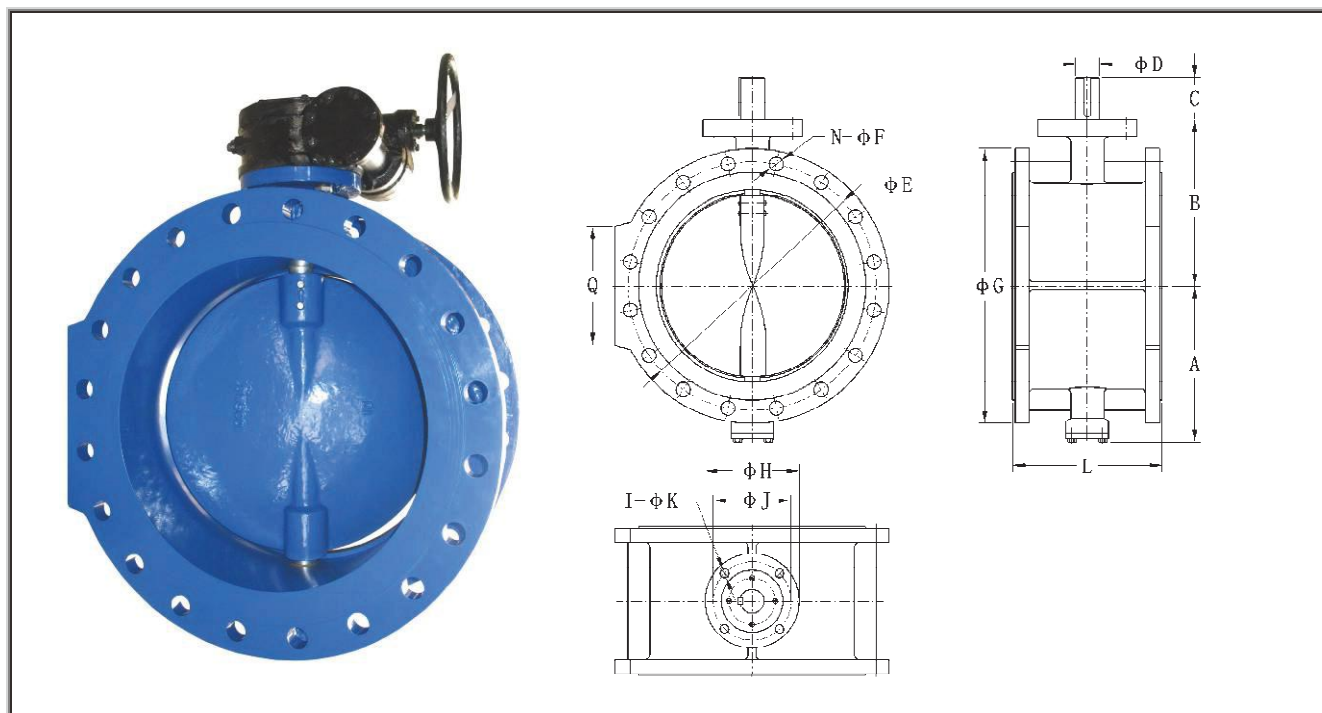


材质单 Materials List

项目 Item	零件名称 Part Name	材质 Materials
1	上阀轴 Upper Stem	钢镀锌 Zinc Plated Steel; 不锈钢 Stainless Steel: ASTM A276 Type 316, Type 410, ASTM A582 Type 416;
2	阀体 Body	球墨铸铁 Ductile Cast Iron: ASTM A536 65-45-12, DIN 1693 GGG40, EN1563 EN-GJS-400-15,
3	阀板 Disc	球墨铸铁(表面镀镍) Ductile Cast Iron(Nickel plated): ASTM A536 65-45-12, DIN 1693 GGG40, EN1563 EN-GJS-400-15, GB12227 QT450-10;
4	阀座 Seat	球墨铸铁 Ductile Cast Iron: ASTM A536 65-45-12, DIN 1693 GGG40, EN1563 EN-GJS-400-15, 不锈钢 Stainless Steel: ASTM A351 CF8, CF8M; CF3, CF3M; 铝青铜 AL-Bronze: ASTM B148 C95400;
5	压环 Clamping ring	球墨铸铁 Ductile Cast Iron: ASTM A536 65-45-12, DIN 1693 GGG40, EN1563 EN-GJS-400-15,
6	下阀轴 Lower Stem	钢镀锌 Zinc Plated Steel; 不锈钢 Stainless Steel: ASTM A276 Type 316, Type 410, ASTM A582 Type 416;
7	定位螺钉 Positioning screw	不锈钢 Stainless Steel: ASTM A276 Type 316; Type 410,
8	底盖 End Cap	球墨铸铁 Ductile Cast Iron: ASTM A536 65-45-12, DIN 1693 GGG40, EN1563 EN-GJS-400-15,
9	O 型圈 O-Ring	丁晴, 乙丙, 氯丁, 氟橡胶 NBR, EPDM, Neoprene, Viton;
10	阀板螺栓 Disc Bolt	不锈钢 Stainless Steel: ASTM A276 Type 316; Type 410,
11	阀板密封圈 Disc Ring	丁晴, 乙丙, 氯丁, 氟橡胶 NBR, EPDM, Neoprene, Viton;
12	锥销 Taper Pin	不锈钢 Stainless Steel: ASTM A276 Type 304, Type 316;
13	衬套 Bushing	聚四氟乙烯, 润滑青铜; PTFE, Lubricated Bronze;
14	填料 Packing	丁晴, 乙丙, 氯丁, 氟橡胶 NBR, EPDM, Neoprene, Viton;
15	键 Key	碳钢 Carbon Steel
16	填料压套 Gland Flange	球墨铸铁 Ductile Cast Iron: ASTM A536 65-45-12, DIN 1693 GGG40, EN1563 EN-GJS-400-15,



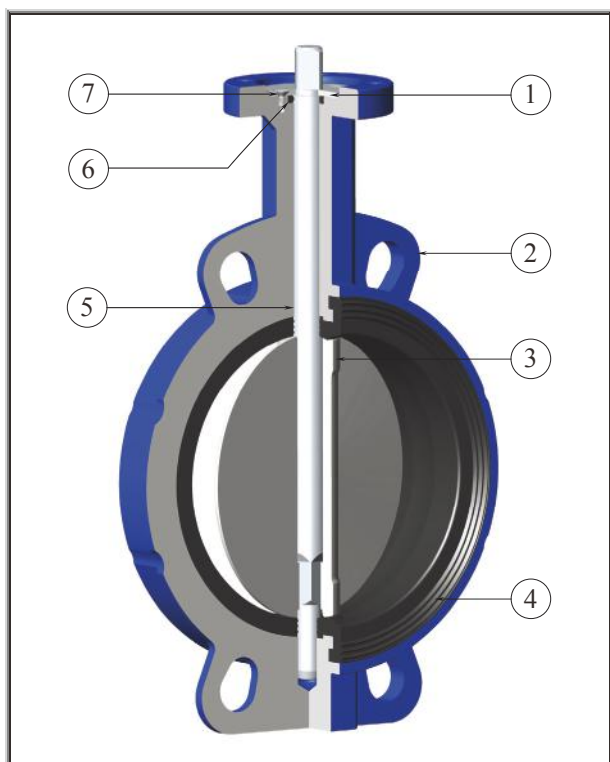
长结构双法兰蝶阀 Double Flanged Long Type Butterfly Valve



尺寸表 Dimensions List (mm)

规格 Size		A	B	C	D	E			N-F			G			H	J	I-K	L	Q
mm	inch					ANSI 125/150	PN10	PN16	ANSI 125/150	PN10	PN16	ANSI 125/150	PN10	PN16					
100	4	137	145	32	15.9	190.5	180	180	8-19	8-18	8-18	229	220	220	90	70	4-9.5	190	—
125	5	152	160	32	19.1	215.9	210	210	8-22	8-18	8-18	254	250	250	90	70	4-9.5	200	—
150	6	169	180	32	19.1	241.3	240	240	8-22	8-22	8-22	279	285	285	90	70	4-9.5	210	—
200	8	206	210	38	22.2	298.5	295	295	8-22	8-22	12-22	343	340	340	125	102	4-11.5	230	—
250	10	236	245	38	28.6	362	350	355	12-25	12-22	12-26	406	395	405	125	102	4-11.5	250	—
300	12	266	270	38	31.8	431.8	400	410	12-25	12-22	12-26	483	445	460	125	102	4-11.5	270	—
350	14	296	300	45	31.8	476.3	460	470	12-29	16-22	16-26	533	505	520	125	102	4-11.5	290	—
400	16	330	338	51	33.3	539.8	515	525	16-29	16-26	16-30	597	565	580	210	165	4-22	310	250
450	18	360	370	51	38.1	577.9	565	585	16-32	20-26	20-30	635	615	640	210	165	4-22	330	300
500	20	390	405	64	41.3	635	620	650	20-32	20-26	20-33	699	670	715	210	165	4-22	350	300
600	24	460	470	70	50.8	749.3	725	770	20-35	20-30	20-36	813	780	840	210	165	4-22	390	400
700	28	515	520	72	55	—	840	840	—	24-30	24-36	—	895	910	300	254	8-18	430	400
800	32	565	580	72	55	—	950	950	—	24-33	24-39	—	1025	1025	300	254	8-18	470	450
900	36	630	635	77	75	1085.9	1050	1050	32-41	28-33	28-39	1168	1115	1125	300	254	8-18	510	500
1000	40	693	700	85	85	—	1160	1170	—	28-36	28-42	—	1230	1255	300	254	8-18	550	550
1200	48	810	840	150	92	1422.4	1380	1390	44-41	32-39	32-48	1511	1455	1485	350	298	8-22	630	650

✧ 更多法兰标准，请咨询制造商。Please contact manufacturer if you want more flange standards.



F170 系列蝶阀设计符合 MSS SP-67, BS5155 和 API609 标准。适用于 GB、ANSI、DIN、BS 法兰标准。结构长度符合 ISO5752 基本系列 20（对夹式短系列）。F170 系列蝶阀采用了无靠背的阀座设计。这种榫槽阀座扭矩小且易于更换。阀座密封面上有和阀座铸成一体的 O 型圈，无须使用法兰垫片。一体通轴安全可靠。方轴驱动阀板转动。可提供的尺寸为 1"-24"。可提供对夹式阀体。可提供手柄、蜗动、电动或气动驱动。

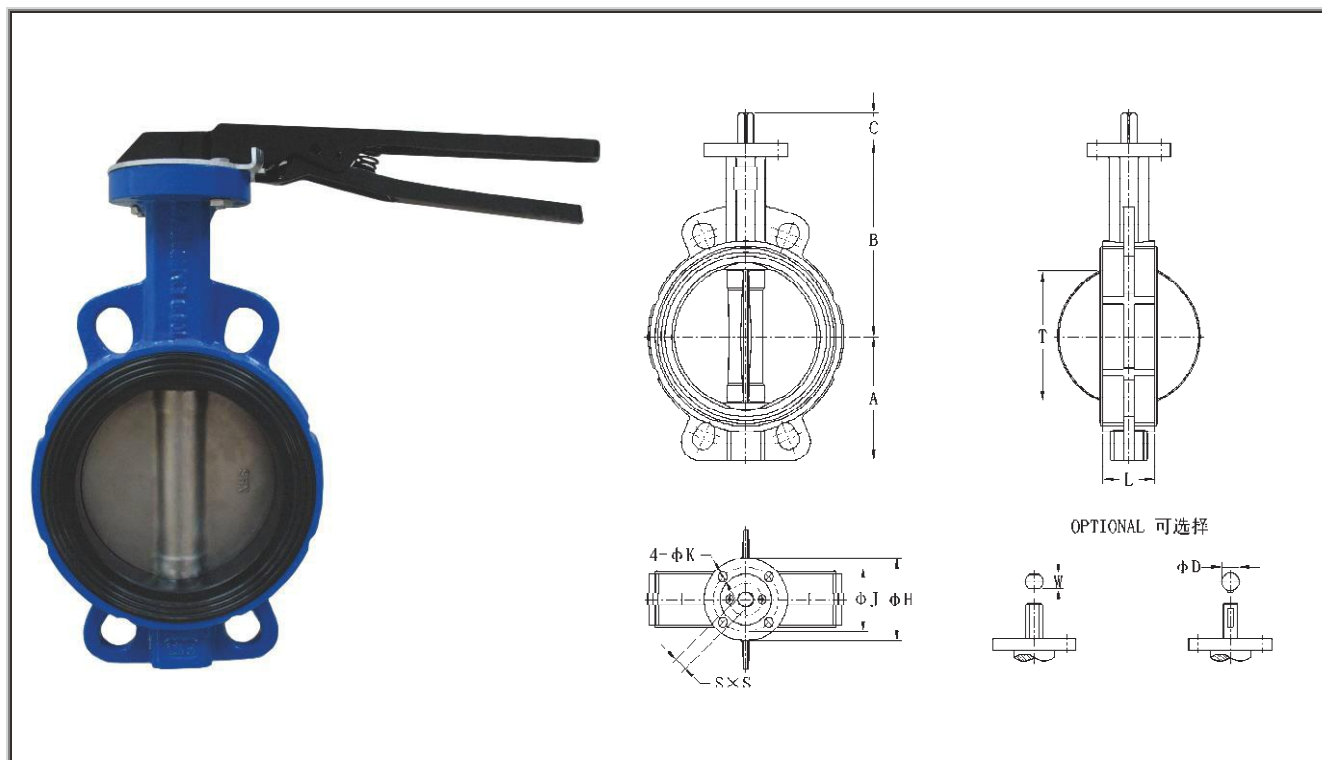
Series F170 butterfly valves designed to comply with MSS SP-67, BS5155 and API 609. Compatible with GB, ANSI, DIN, BS flanges. Face to face according to ISO 5752 basic series 20 (wafer type short). The seat of series F170 butterfly valve is designed into without back. The tongue-and-groove seat is lower torque and field replaceable. There is O-ring casted on the seal surface of the seat, negates need for flange gaskets. One-piece thru shaft ensures dependability. Square drive disc movement. Available in size 1" to 24". Available in wafer type body. Available with handles, manual gear operators, and electric or pneumatic actuators.

材质单 Materials List

项目 Item	零件名称 Part Name	材质 Materials
1	压环 Clamping ring	钢镀锌 Zinc Plated Steel; 不锈钢 Stainless Steel
2	阀体 Body	铸铁 Cast Iron: ASTM A126CL. B , DIN1691 GG25, EN 1561 EN-GJL-200; GB12226 HT200; 球墨铸铁 Ductile Cast Iron: ASTM A536 65-45-12, DIN 1693 GGG40, EN1563 EN-GJS-400-15, GB12227 QT450-10;
3	阀板 Disc	球墨铸铁(表面镀镍或喷涂尼龙) Ductile Cast Iron(Nickel plated or Nylon coated): ASTM A536 65-45-12, DIN 1693 GGG40, EN1563 EN-GJS-400-15, GB12227 QT450-10; 不锈钢 Stainless Steel: ASTM A351 CF8, CF8M; CF3, CF3M; EN 1.4408, 1.4469; 1.4501; 铝青铜 AL-Bronze: ASTM B148 C95400;
4	阀座 Seat	丁晴, 乙丙, 氯丁, 氟橡胶; NBR, EPDM, Neoprene, Viton;
5	阀轴 Stem	钢镀锌 Zinc Plated Steel; 不锈钢 Stainless Steel: ASTM A276 Type 316, Type 410, Type 420; ASTM A582 Type 416;
6	O 型圈 O-Ring	丁晴, 乙丙, 氯丁, 氟橡胶 NBR, EPDM, Neoprene, Viton;
7	螺钉 Screw	钢镀锌 Zinc Plated Steel; 不锈钢 Stainless Steel



F170 系列对夹式蝶阀 Series 170 Wafer Type Butterfly Valve

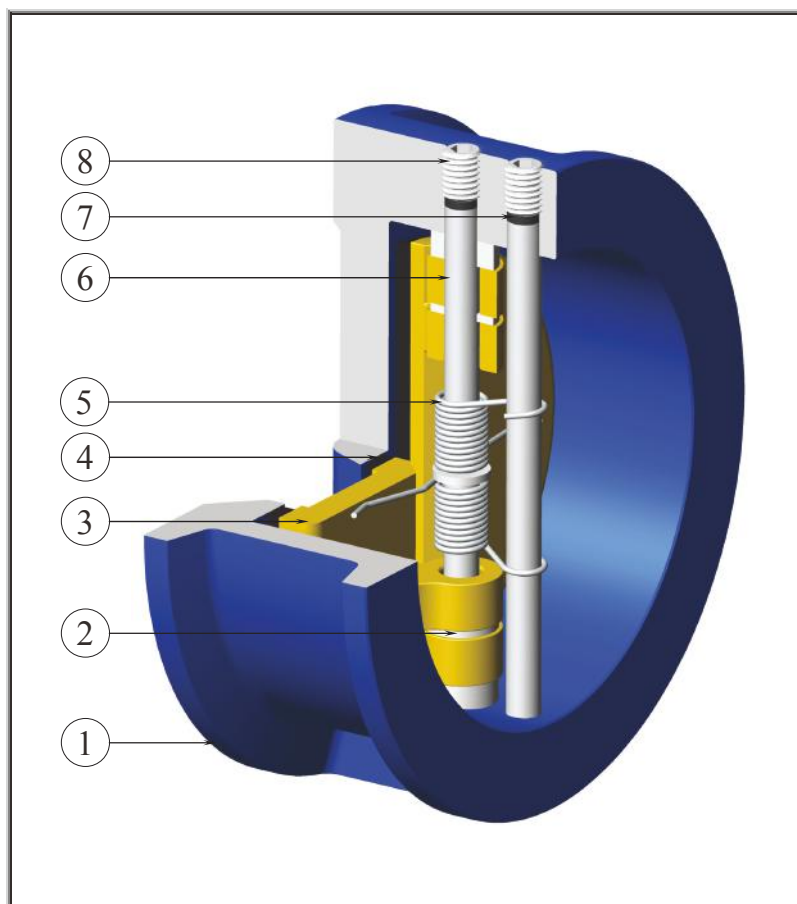


尺寸表 Dimensions List (mm)

规格 Size		A	B	C	D	H	J	K	L	T	S	W
inch	mm											
1/1¼	25/32	50	110	10	12.7	65	50	7	30	17	9	10
1½	40	60	130	10	12.7	65	50	7	33	27	9	10
2	50	72	135	12	12.7	65	50	7	43	30	11	10
2½	65	82	150	19	12.7	90	70	9.5	46	49	14	10
3	80	93	160	19	12.7	90	70	9.5	46	68	14	10
4	100	106	180	19	15.9	90	70	9.5	52	88	14	12
5	125	120	195	19	19.1	90	70	9.5	56	113	14	14
6	150	135	211	19	19.1	90	70	9.5	56	142	14	14
8	200	172	238	19	22.2	125	102	11.5	60	193	17	17
10	250	202	279	24	28.6	150	125	14	68	243	22	22
12	300	239	314	24	31.8	150	125	14	78	292	22	24
14	350	257	330	38	31.8	150	125	14	78	329	22	24
16	400	292	365	51	33.3	210	165	22	102	375	27	27
18	450	359	400	51	38.1	210	165	22	114	426	27	27
20	500	397	440	64	41.3	210	165	22	127	477	36	32
24	600	467	525	70	50.8	210	165	22	154	572	36	36

✧ 法兰兼容 PN6/10/16、ANSI 125/150 标准。更多法兰标准，请咨询制造商。

Compatible with GB, ANSI, DIN, BS, JIS flanges. Please contact manufacturer if you want more flange standards.



阀门设计符合 API 594 标准。采用有效密封的双阀板设计。阀门检测按 API598。有 F16 和 F125 两个系列。F16 系列适用于 GB、DIN、BS 标准法兰，结构长度符合 ISO 5752 基本系列 16（对夹式长系列）。F125 系列适用于 ANSI 125/150 法兰。可提供的尺寸为 2"-24"。可提供对夹式阀体。有不同的阀体与内件的组合以满足您的需求。

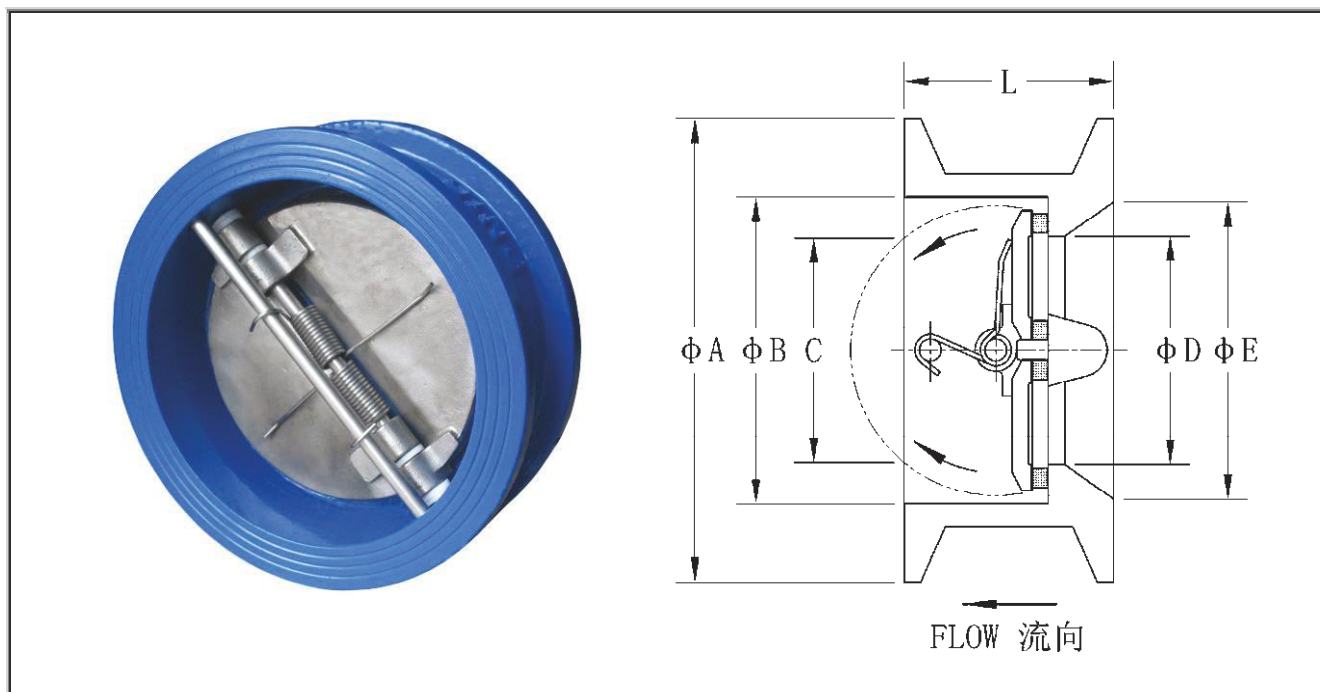
Designed to comply with API 594. Adopting dual plate design for efficient sealing. Valve inspection and testing comply with API 598. Available in Series F16 and Series F125. Series F16 check valve compatible with GB, DIN, BS flanges. Face to face according to ISO 5752 basic series 16(wafer long). F125 check valve compatible with ANSI 125/150 flanges. Available in size 2" to 24". Available in wafer type body. With many body/trim combinations, there is check valve to meet your application.

材质单 Materials List

项目 Item	零件名称 Part Name	材质 Materials
1	阀体 Body	铸铁 Cast Iron: ASTM A126CL. B , DIN1691 GG25, EN 1561 EN-GJL-200; GB12226 HT200; 球墨铸铁 Ductile Cast Iron: ASTM A536 65-45-12, DIN 1693 GGG40, EN1563 EN-GJS-400-15, GB12227 QT450-10;
2	垫片 Washer	聚四氟乙烯, 尼龙 PTFE, Nylon
3	阀板 Disc	球墨铸铁(表面镀镍) Ductile Cast Iron(Nickel plated): ASTM A536 65-45-12, DIN 1693 GGG40, EN1563 EN-GJS-400-15, GB12227 QT450-10; 不锈钢 Stainless Steel: ASTM A351 CF8, CF8M; CF3, CF3M; EN 1.4408, 1.4469; 1.4501; 铝青铜 AL-Bronze: ASTM B148 C95400;
4	阀座 Seat	丁晴, 乙丙, 氯丁, 氟橡胶; NBR, EPDM, Neoprene, Viton;
5	弹簧 Spring	不锈钢 Stainless Steel: ASTM A276 Type 304, Type 316, Type 410;
6	阀轴 Stem	不锈钢 Stainless Steel: ASTM A276 Type 304, Type 316, Type 410;
7	密封垫片 Seal Washer	丁晴, 乙丙, 氯丁, 氟橡胶 NBR, EPDM, Neoprene, Viton;
8	螺钉 Screw	碳钢 Carbon Steel; 不锈钢 Stainless Steel: ASTM A276 Type 316, Type 410;



F16 系列双瓣对夹式止回阀 Series 16 Dual Plate Wafer Type Check Valve



尺寸表 Dimensions List (mm)

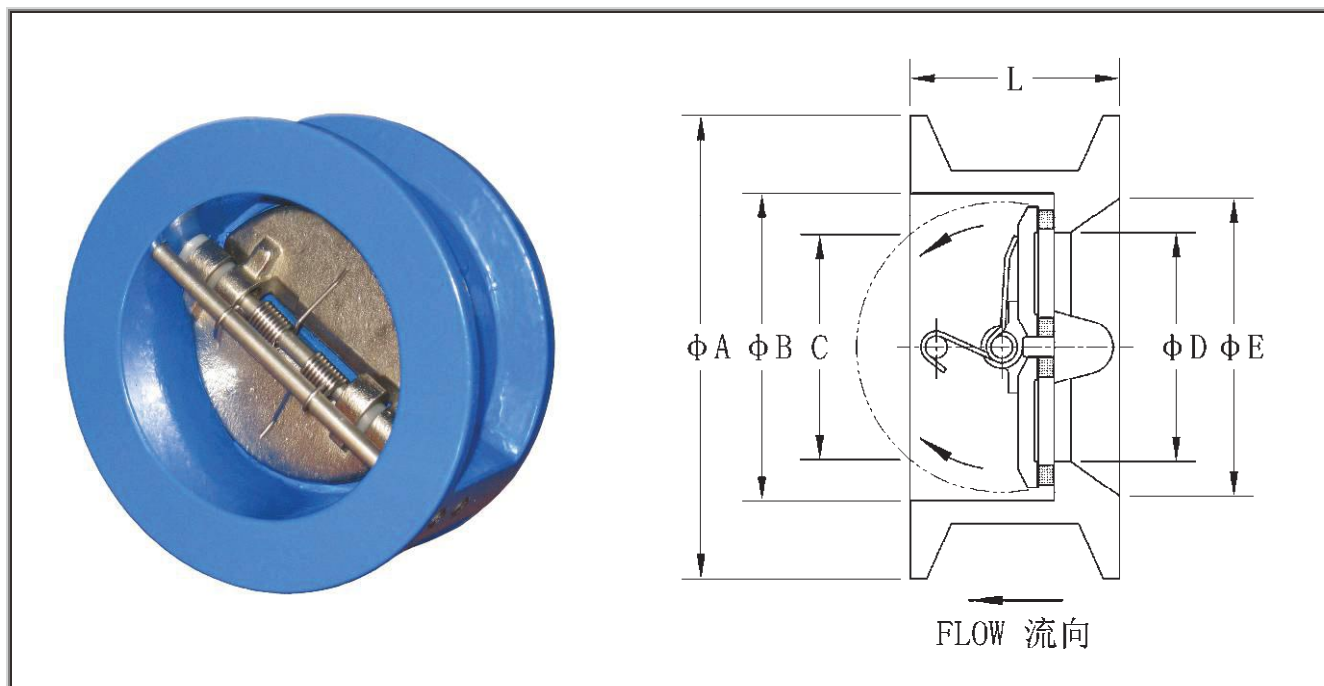
PN1.0/1.6 MPa

规格 Size		A	B	C	D	E	L
mm	inch						
50	2	107	65	49	48	59	43
65	2.5	127	80	63	60	78	46
80	3	142	94	69	70	91	64
100	4	162	117	97	88	110	64
125	5	192	145	121	115	142	70
150	6	218	170	145	134	170	76
200	8	273	224	197	182	222	89
250	10	328	265	234	223	264	114
300	12	378	310	284	260	310	114
350	14	438	360	333	300	360	127
400	16	489	410	379	355	414	140
450	18	539	450	415	382	450	152
500	20	594	505	472	435	505	152
600	24	695	624	579	536	605	178
700	28	798	725	673	630	715	229
800	32	906	825	775	720	815	241
900	36	1004	925	877	820	915	241
1000	40	1116	1025	969	912	1015	300
1200	48	1332	1228	1161	1100	1220	360

✧更多法兰标准，请咨询制造商。Please contact manufacturer if you want more flange standards.



F125 系列双瓣对夹式止回阀 Series 125 Dual Plate Wafer Type Check Valve



尺寸表 Dimensions List

ANSI 125/150

规格 Size		A		B		C		D		E		L	
inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	Mm
2	50	4 ¹ / ₈	105	2 ⁹ / ₁₆	65	1 ⁷ / ₃₂	20	1 ⁷ / ₈	48	2 ⁵ / ₁₆	59	2 ¹ / ₈	54
2½	65	4 ⁷ / ₈	124	3 ⁵ / ₃₂	80	1 ¹⁵ / ₁₆	49	2 ³ / ₈	60	3 ¹ / ₁₆	78	2 ¹ / ₈	54
3	80	5 ³ / ₈	137	3 ¹¹ / ₁₆	94	2 ¹⁵ / ₁₆	76	2 ³ / ₄	70	3 ³⁷ / ₆₄	91	2 ¹ / ₄	57
4	100	6 ⁷ / ₈	175	4 ⁵ / ₈	117	3 ³ / ₄	97	3 ¹⁵ / ₃₂	88	45/ ₁₆	110	2 ¹ / ₂	64
5	125	7 ³ / ₄	197	5 ¹¹ / ₁₆	145	4 ¹¹ / ₁₆	121	4 ¹⁷ / ₃₂	115	5 ¹⁹ / ₃₂	142	2 ³ / ₄	70
6	150	8 ³ / ₄	222	6 ¹¹ / ₁₆	170	5 ⁵ / ₈	145	5 ⁹ / ₃₂	134	6 ¹¹ / ₁₆	170	3	76
8	200	11	279	8 ¹³ / ₁₆	224	7 ¹¹ / ₁₆	193	7 ⁵ / ₃₂	182	8 ³ / ₄	222	3 ³ / ₄	95
10	250	13 ³ / ₈	340	10 ⁷ / ₁₆	265	9 ⁵ / ₈	239	8 ³ / ₄	223	10 ²⁵ / ₆₄	264	4 ¹ / ₄	108
12	300	16 ¹ / ₈	410	12 ³ / ₁₆	310	10 ¹ / ₄	259	10 ¹ / ₄	260	12 ³ / ₁₆	310	5 ⁵ / ₈	143
14	350	17 ³ / ₄	451	14 ³ / ₁₆	360	10 ⁹ / ₁₆	274	11 ¹³ / ₁₆	300	14 ³ / ₁₆	360	7 ¹ / ₄	184
16	400	20 ¹ / ₄	514	16 ¹ / ₄	410	13 ¹ / ₂	331	14	355	16 ⁵ / ₁₆	414	7 ¹ / ₂	191
18	450	21 ⁵ / ₈	549	17 ³ / ₄	450	14 ¹ / ₂	369	15	382	17 ²³ / ₃₂	450	8	203
20	500	23 ⁷ / ₈	606	19 ⁷ / ₈	505	16 ³ / ₈	423	17 ¹ / ₈	435	19 ⁷ / ₈	505	8 ³ / ₈	213
24	600	28 ¹ / ₄	718	24 ⁹ / ₁₆	624	21 ⁵ / ₈	545	21 ³ / ₃₂	536	23 ¹³ / ₁₆	605	8 ³ / ₄	222
30	750	34 ³ / ₈	873	30 ¹ / ₂	775	26 ¹ / ₄	667	26 ³ / ₄	680	30 ¹ / ₈	765	12	305
36	900	40 ⁷ / ₈	1038	36 ⁷ / ₁₆	925	30 ⁹ / ₁₆	776	32 ¹ / ₄	820	36	915	14 ¹ / ₂	368
42	1050	47 ⁵ / ₈	1210	42 ⁷ / ₁₆	1078	36 ¹³ / ₁₆	935	37 ³ / ₄	960	41 ¹⁵ / ₁₆	1065	17	432
48	1200	54 ¹ / ₈	1375	48 ¹¹ / ₃₂	1228	40 ³ / ₁₆	1021	43 ⁵ / ₁₆	1100	48	1220	20 ⁵ / ₈	524

✦更多法兰标准，请咨询制造商。Please contact manufacturer if you want more flange standards.

**HA 型**

- ◇ 玛钢材质手柄
- ◇ 十位钢镀锌止动片
- ◇ 经济、实用

Model HA

- ◇ Malleable cast iron handle
- ◇ 10 position zinc plated steel throttling plate
- ◇ Economy, utility

**HB 型**

- ◇ 玛钢材质手柄
- ◇ 十位钢镀锌止动片
- ◇ 带锁定孔

Model HB

- ◇ Malleable cast iron handle
- ◇ 10 position zinc plated steel throttling plate
- ◇ With padlock hole

**HC 型**

- ◇ 碳钢材质手柄
- ◇ 十位钢镀锌止动片
- ◇ 美观、重量轻

Model HC

- ◇ Carbon steel handle
- ◇ 10 position zinc plated steel throttling plate
- ◇ Beautiful, lower weight

**HD 型**

- ◇ 玛钢材质手柄
- ◇ 十位 ABS 止动盘
- ◇ 带锁定孔

Model HD

- ◇ Malleable cast iron handle
- ◇ 10 position ABS throttling plate
- ◇ With padlock hole

**HE 型**

- ◇ 玛钢材质手柄
- ◇ 十位钢镀锌止动片
- ◇ 强度高、耐用

Model HE

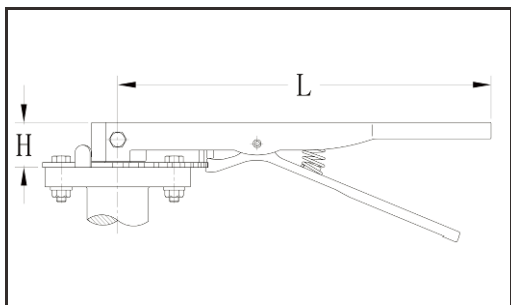
- ◇ Malleable cast iron handle
- ◇ 10 position zinc plated steel throttling plate
- ◇ High strength, durable

**HF 型**

- ◇ 铝合金手柄
- ◇ 十位铝合金止动盘
- ◇ 抗腐蚀、重量轻

Model HF

- ◇ Aluminum alloy handle
- ◇ 10 position aluminum alloy throttling plate
- ◇ Resistance corrosive, lower weight

**尺寸表 Dimensions List**

阀门规格 Valve size	Model HA		Model HB		Model HC		Model HD		Model HE		Model HF	
	L	H	L	H	L	H	L	H	L	H	L	H
1"~3"	230	28	240	32	230	32	210	32	240	32	210	32
4"~6"	267	32	260	32	260	32	260	32	280	36	270	45
8"~12"	356	38	360	38	356	38	360	38	385	36	360	45

- ◇ 更多详细资料，请咨询制造商。
Please contact manufacturer if you want more details.

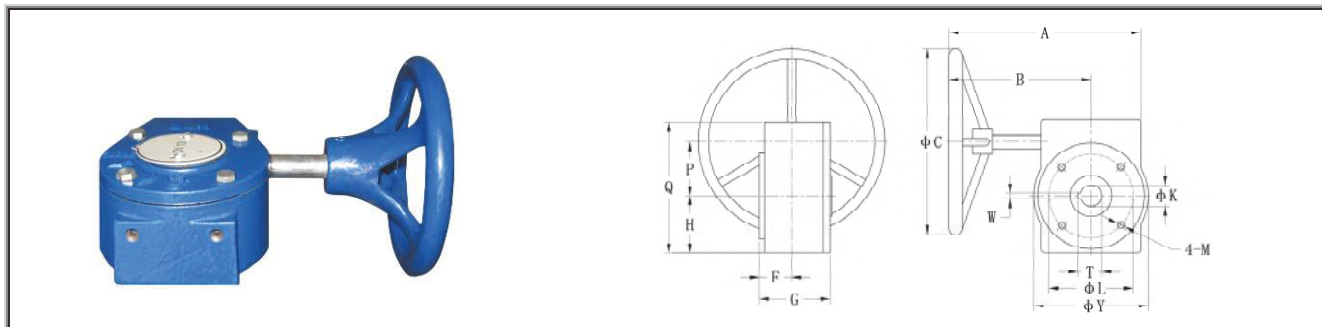


3D 系列蜗动头可用于所有弹性密封蝶阀。本产品采用蜗轮蜗杆传动副。可调末位行程停止是标准的，由厂方在出厂时调设。

The series 3D gear operator can be used on all resilient butterfly valves. Adjustable end of travel stops are standard and factory set when the gear box is factory mounted.

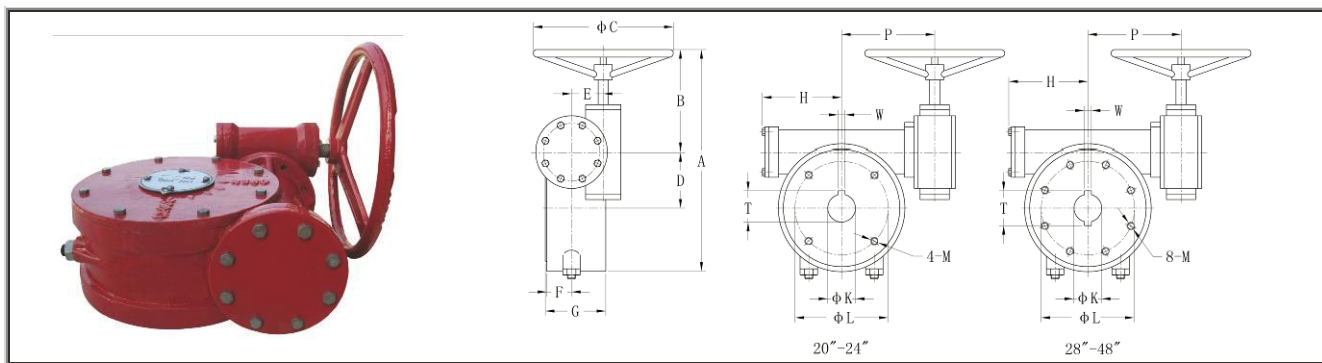
主要零件材质 Material of Main Part

零件 Part	材料 material
箱体 Housing Body	灰铁, 球铁, 铝合金 CI, DI, Aluminum Alloy
蜗轮 Worm Gear	球铁, 铝青铜 DI, AL-Bronze
蜗杆 Worm	碳钢 Carbon Steel
蜗杆轴 Worm Shaft	碳钢, 不锈钢 Carbon Steel, Stainless Steel



一级传动装置 Single-Stage Drive Device

阀门规格 Valve Sizes		型号 Model	扭矩 Torque (N · M)	速比 Ratio	A	B	C	F	G	H	L	P	Q	M	K	T	W	Y
mm	inch																	
25—80	1—3	3D-15	170	24:1	230	178	150	38	62	53	50	45	125	M6	12.7	14.1	3	105
100	4	3D-15	170	24:1	230	178	150	38	62	53	70	45	125	M8	15.9	18.2	5	105
125—150	5—6	3D-15	170	24:1	230	178	150	38	62	53	70	45	125	M8	19.1	21.4	5	105
200	8	3D-50	750	30:1	310	235	300	41	78	76	102	63	174	M10	22.2	24.5	8	158
250	10	3D-50	750	30:1	310	235	300	41	78	76	102	63	174	M10	28.6	31.9	8	158
300—350	12—14	3D-120	1200	50:1	305	226	300	42	80	81	102	81	195	M10	31.8	35.1	8	170
400	16	3D-250	2500	80:1	317	217	360	48	105	125	165	95	255	M20	33.3	36.6	10	210
450	18	3D-250	2500	80:1	317	217	360	48	105	125	165	95	255	M20	38.1	41.4	10	210



二级传动装置 Double-Stage Drive Device

阀门规格 Valve Sizes		型号 Model	扭矩 Torque (N · M)	速比 Ratio	A	B	C	D	E	F	G	H	L	P	M	K	T	W
mm	inch																	
500	20	3D-30/300	3000	352:1	480	210	360	110	63	52	120	160	165	185	M20	41.3	44.6	10
600	24	3D-30/400	4000	416:1	520	210	360	125	63	57	120	160	165	185	M20	50.8	55.1	16
700—800	28—32	3D-60/800	8000	502:1	560	220	360	160	78	62	128	160	254	218	M16	55	63.6	16
900	36	3D-120/1500	15000	520:1	660	255	450	192	120	130	218	200	254	282	M16	75	84.8	20
1000	40	3D-120/1500	15000	520:1	660	255	450	192	120	130	218	200	254	282	M16	85	95.8	22
1050	42	3D-120/1500	15000	520:1	660	255	450	192	120	130	218	200	254	282	M16	85	95.8	22
1200	48	3D-120/2500	26000	408:1	825	235	570	300	126	196	322	305	298	418	M20	92	102.8	25



气动装置 Pneumatic Actuators



气动装置可用于所有弹性密封蝶阀。阀门气动装置由厂方在出厂时调设。欢迎索取详细尺寸资料。

设计特点:

- ✧ 不锈钢材质执行器，外表电解抛光，光洁美观，抗腐蚀性能强，适合于抗腐蚀要求极高的工程环境。
- ✧ 挤压铝材质缸体，内表面细磨加工，内部和外部均采用高级防腐技术，气缸摩擦系数小，使用寿命长，抗腐蚀性能强。
- ✧ 输出轴的 NAMUR 标准槽和缸体上的标准安装孔，可使限位开关、定位器直接啮合和安装。
- ✧ 气源接口符合 NAMUR 标准，可方便的安装电磁阀。
- ✧ 底部安装孔符合 ISO5211 标准，可以直接安装离合器或支架。



The pneumatic actuators can be used on all resilient butterfly valves. The pneumatic actuator is factory mounted before shipping. Full details including dimensions are available request.

Designing features:

- ✧ Stainless steel pneumatic actuator with electro-polish offer excellent resistance to most corrosive chemicals as well as industrial atmospheres.
- ✧ Extruded aluminum body with both internal and external corrosion protection having honed cylinder surface for longer life and low coefficient of friction.
- ✧ The NAMUR drive pinion and the NAMUR top mounting connection permit direct installation of accessories such as limit switch box and positioner.
- ✧ Air supply connection is designed in accordance with NAMUR to install solenoid valves.
- ✧ Bottom mounting connection is designed in accordance with ISO5211 standards for direct mounting with valve gear boxes or mounting brackets.

电动装置 Electric Actuators



电动装置可用于所有弹性密封蝶阀。阀门电动装置由厂方在出厂时调设。欢迎索取详细尺寸资料。

The electric actuators can be used on all resilient butterfly valves. The electric actuator is factory mounted before shipping. Full details including dimensions are available request.



订货要求

1. 为了保证您的使用要求，订货时请您详细说明
 - ✧ 阀门规格型号
 - ✧ 适用介质
 - ✧ 零件材质
 - ✧ 适用温度
 - ✧ 最大工作压力
 - ✧ 驱动方式
 - ✧ 法兰连接标准
 - ✧ 包装要求
 - ✧ 阀门颜色
 - ✧ 供货日期和提货方式
2. 为了保证客户使用方便，我公司可提供法兰、连接螺栓、伸缩节等，并根据顾客需要提供易损配件。

Ordering information

1. In order to ensure your requirement, please identify the following content when place on order.
 - ✧ Valve specification
 - ✧ Suitable medium
 - ✧ Parts material
 - ✧ Suitable temperature
 - ✧ The maximum working pressure
 - ✧ Driving means
 - ✧ Standard of flange mount
 - ✧ Requirement for package
 - ✧ Valve colors
 - ✧ Supplying date and delivery means.
2. For customer convenience, flange, extension joints, bolts and other parts are supplied, we also supply attachment accord with buyer's request.

特别提示

本公司产品尺寸如有变化，恕不另行通知。

Note especially

If the dimensions of our company's product change, we can't notice you.