



Series F201 Butterfly Valve

MSS SP-67, BS5155 and API 609

Materials List

Item	Part Name	Materials
1	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; Stainless Steel: ASTM A351 CF8, CF8M; CF3, CF3M; Carbon Steel: ASTM A216 WCB
2	Upper Stem	Zinc Plated Steel; Stainless Steel: ASTM A276 Type 316, Type 410, Type 420; ASTM A582 Type 416;
3	Seat	NBR, EPDM, Neoprene, Viton; PTFE
4	Spring Pin	Carbon Steel; Stainless Steel
5	Lower Stem	Zinc Plated Steel; Stainless Steel: ASTM A276 Type 316, Type 410, Type 420; ASTM A582 Type 416;
6	Disc	Ductile Cast Iron(Nickel plated or Nylon coated): 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;
7	O-Ring	NBR, EPDM, Neoprene, Viton;
8	Bushing	PTFE, Nylon, Lubricated Bronze;

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.

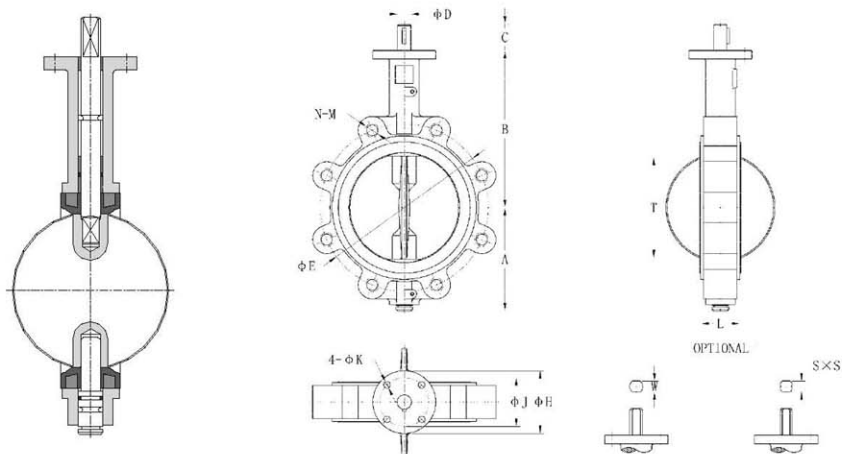
Performance Data

Nominal Diameter(mm)		25-600	
Nominal Pressure (MPa)		1.0	1.6
Testing Pressure (MPa)	Shell	1.5	2.4
	Sealing	1.1	1.76
Medium Temperature (°C)		Normal -45°C-130°C special 200°C	
Suitable Medium		Fresh Water, Waste Water, Sea Water, Vapour, Gas, Oils, Acid and Alkaline	
Operation Methods		Handle, Gear Operators, Electric, Pneumatic	

1105 Block B Yucheng Bldg., No. 51 Dongdu Road, Xiamen, China



Series F201 Lug Type Butterfly Valve



Dimensions List (mm)

Size		E								N-M										
mm	inch	A	B	C	D	ANSI 125/150	PN10	PN16	10K	ANSI 125/150	PN10	PN16	10K	H	J	K	L	T	S	W
25	1	61	110	32	12.7	79.4	85	85	90	4-½"-12	4-M12	4-M12	4-M16	65	50	7	30	16	9	10
32	1¼	61	110	32	12.7	88.9	100	100	100	4-½"-12	4-M16	4-M16	4-M16	65	50	7	30	16	9	10
40	1½	79	145	32	12.7	98.4	110	110	105	4-½"-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	4-½"-11	4-M16	4-M16	4-M16	65	50	7	42	32	9	10
65	2½	98	174	32	12.7	139.7	145	145	140	4-½"-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	4-½"-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	8-¾"-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	8-¾"-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	8-¾"-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	8-¾"-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	12-½"-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	12-½"-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	16-1¼"-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	20-1¼"-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	20-1¼"-7	20-M27	20-M33	24-M30	210	165	22	152	575	36	36

✧ Please contact manufacturer if you want more flange standards.