SWEK®

史威阀

蝶 阀

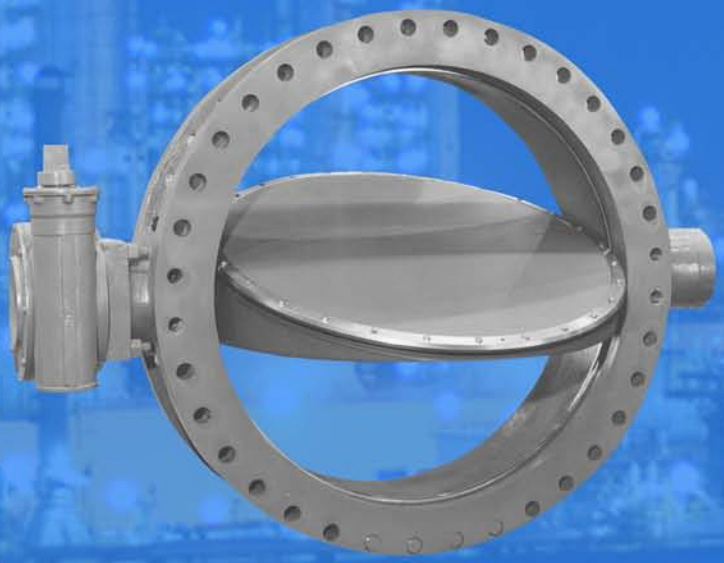
Butterfly valves

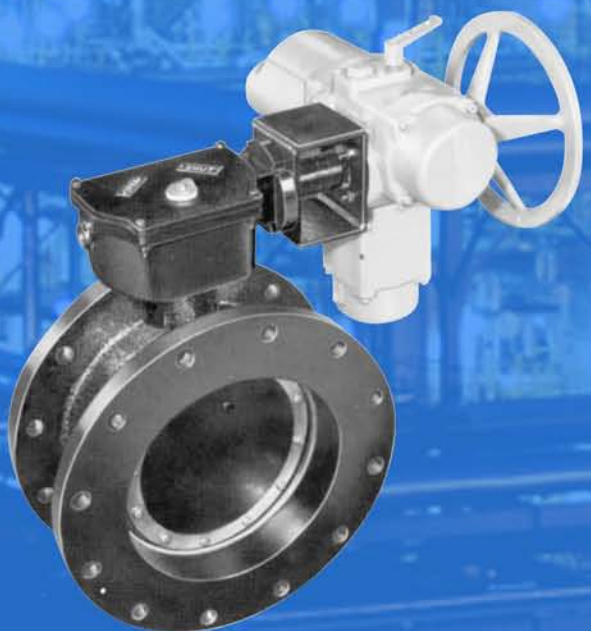
-40℃~610℃

1 1/4″~80″

150Lb~600Lb









网址（Web）：www.swekvalve.com

SWEK

史威阀工业阀门公司成立于1955年，总部位于美国德克萨斯州休斯敦。史威阀是阀门行业的领先制造企业，具有四个生产厂。在世界各地20多个国家和地区有史威阀的独立办公室和代理销售网络。史威阀具有丰富的、独一无二的阀门设计制造经验，其产品广泛应用于电力、石化、环境工程、采暖制冷、供水、排水工程、建筑、造船以及食品及饮料企业。

史威阀按照ANSI、ASME、API等先进标准设计制造阀门，主要产品有闸阀、截止阀、止回阀、调节阀、球阀、蝶阀、仪表阀、伺服阀等；主要零件采用WCB、WC6、WC9、CF8、CF8M、CF3、CF3M、A105、F22、WB36、F91、F92、321、316SS、316L、316H、347H等；驱动形式有手动、齿轮传动、电动、气动和液动；阀门规格从DN10～DN2000（3/8″～80″）；公称压力从1.0MPa～42.0MPa（150～4500Lb）；适用温度从-196℃～700℃。史威阀以优异的品质、合理的性价比，受到用户的普遍欢迎。

SWEK Industrial Valves Inc . was founded in 1955, is headquartered in Houston Texas. SWEK is the world's regions have their own offices and agent network. Design and production of its rich experience and unique design features of the valves, are widely used in Power plants, petrochemical, environmental engineering, heating refrige -ration, water supply and drainage engineering, buildings, shipbuilding, such as food and beverage industry.

SWEK valves manufacture standards are ANSI, ASME, API and etc. The whole products of Gate valve, Globe valve, Check valve, Control valve, Ball valve, Butterfly valve, Instrument valve ,Servo valve and etc. The main ma -terial is WCB, WC6, WC9,CF8, CF8M,CF3, CF3M,A105,F22, WB36, F91, F92,321,316SS,316L,316H,347H and etc. The drive type is manual, gear, electric, pneumatic and hydraulic. Nominal diameter is from 3/8″to 80″, nominal pressure is from 150lb to 4500lb,applicable temperature is from -196℃ to 700℃. SWEK valves received the prai -se of the users because the excellent quality and reasonable price.





特点与优点

⊙ 阀杆防吹出环
防止阀杆在意外情况下被吹出

⊙ 可更换的阀板密封环
降低现场维护成本

⊙ 动负载填料压盖
标准低排放阀杆密封，泄漏率为百万分之0-20PPM
动负载具有可预测及不变的填料压缩力，可持续使用5000个开关循环操作，而不需要调整或重新填料。

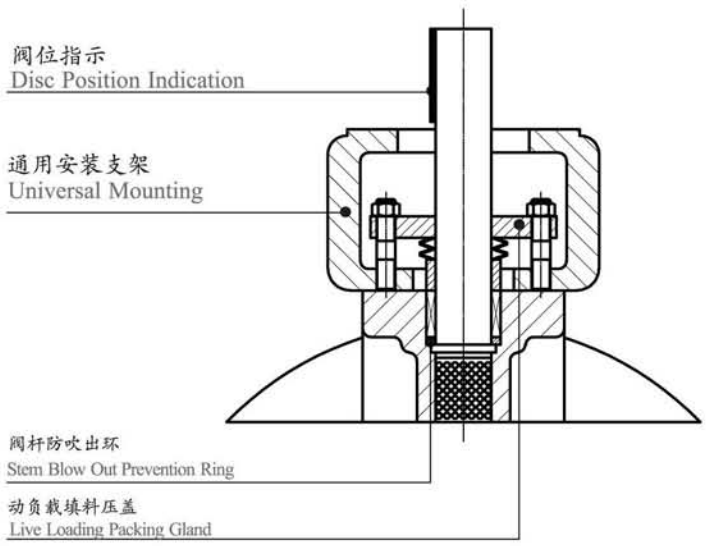
⊙ 可带压更换填料的设计(备选件)
降低现场维护成本

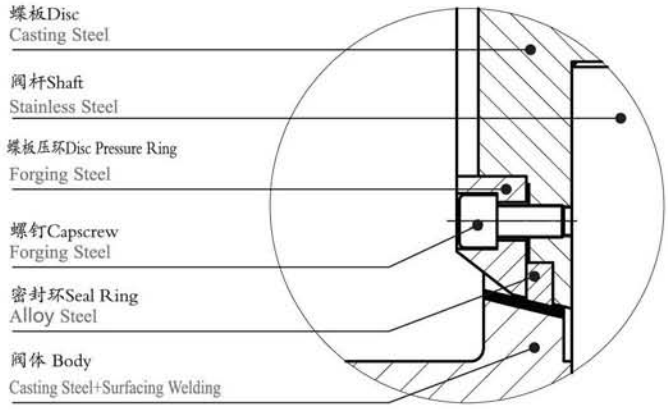
⊙ 全金属密封系统
合金钢HRC30-45度
司太立合金HRC40-60度
碳化钨HRC70度以上

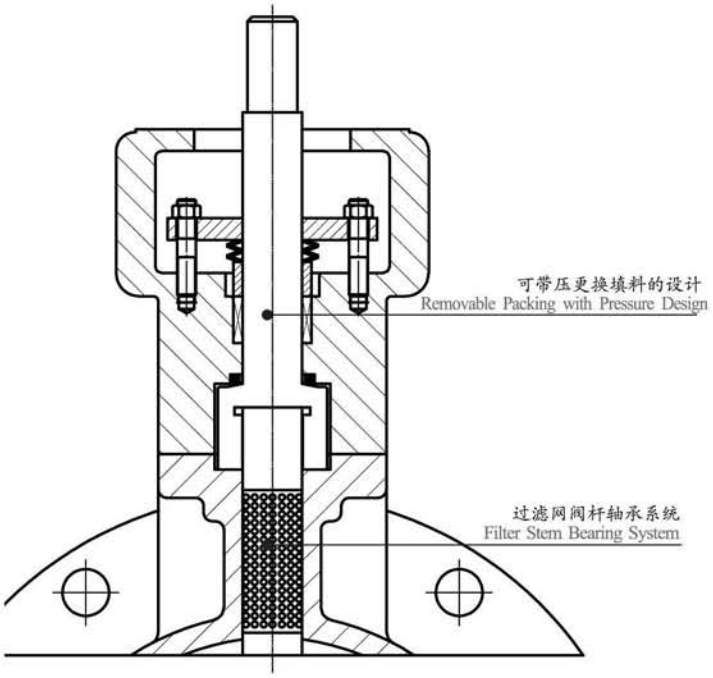
⊙ 过滤网阀杆轴承系统
防止阀杆抱死

⊙ 阀板位置显示
阀杆末端提供简单的阀位指示

⊙ 通用安装支架
执行机构安装支架和阀杆连接符合ISO5211标准







Stem Blow Out Prevention Ring

Prevents stem ejection in the unlikely event internal failure.

Replaceable Disc Seal

reduces field maintenance costs.

Live Loading Packing Gland

STANDARD LOW EMISSION STEM SEAL WITH 0-20 PPM LIVE-LOADING provides predictable and constant packing compression for more than 5000 cycles before adjustment or re-packing.

Removable Packing with Pressure Design(Optional)

Metal-to-Metal Patented Sealing System

Filter Stem Bearing System

Disc Position Indication

Stem end provides fool-proof verification of disc location.

Universal Mounting

Actuator Mounting Plate and Stem Connection conform to ISO5211.

工作原理

三重偏心蝶阀具有双向无气泡紧密关闭性能。这种几何形状保证阀瓣密封只是在关闭位置时才与阀体阀座接触，因此不会产生摩擦或磨损，并且产生一种扭矩使得弹性密封具有足够的"焊接"性能，确保密封接触的均匀一致性。

三重偏心几何形状

偏心1 阀轴位于阀座轴后面，使得密封能够完全紧密环绕接触整个阀座。

偏心2 阀轴中心线偏离管道和阀门中心线，这就免受阀门开启和关闭的干扰。

偏心3 阀座锥体轴偏离阀轴中心线，这样可以在关闭和开启过程中消除摩擦作用，并且实现环绕整个阀座的均匀一致的压缩密封效果。

Principle Of Operation

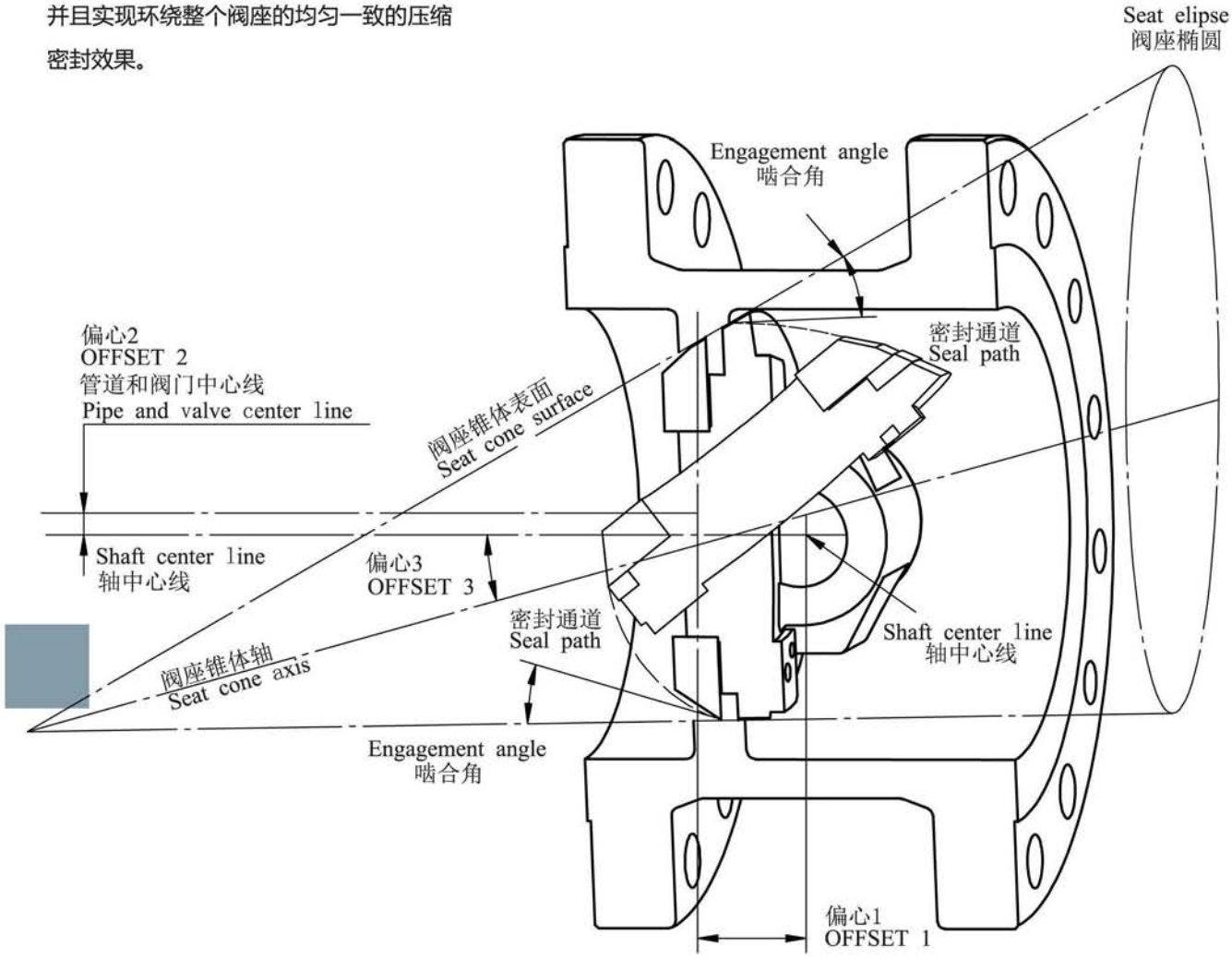
The **SWEK** Triple Offset Butterfly Valve provides a bi-directional bubble tight shut-off. This geometry ensures that the disc seal contacts the body seat only at the final shut-off position without rubbing or galling, providing a torque generated resilient seal with sufficient "wedging" to ensure a uniform seal contact.

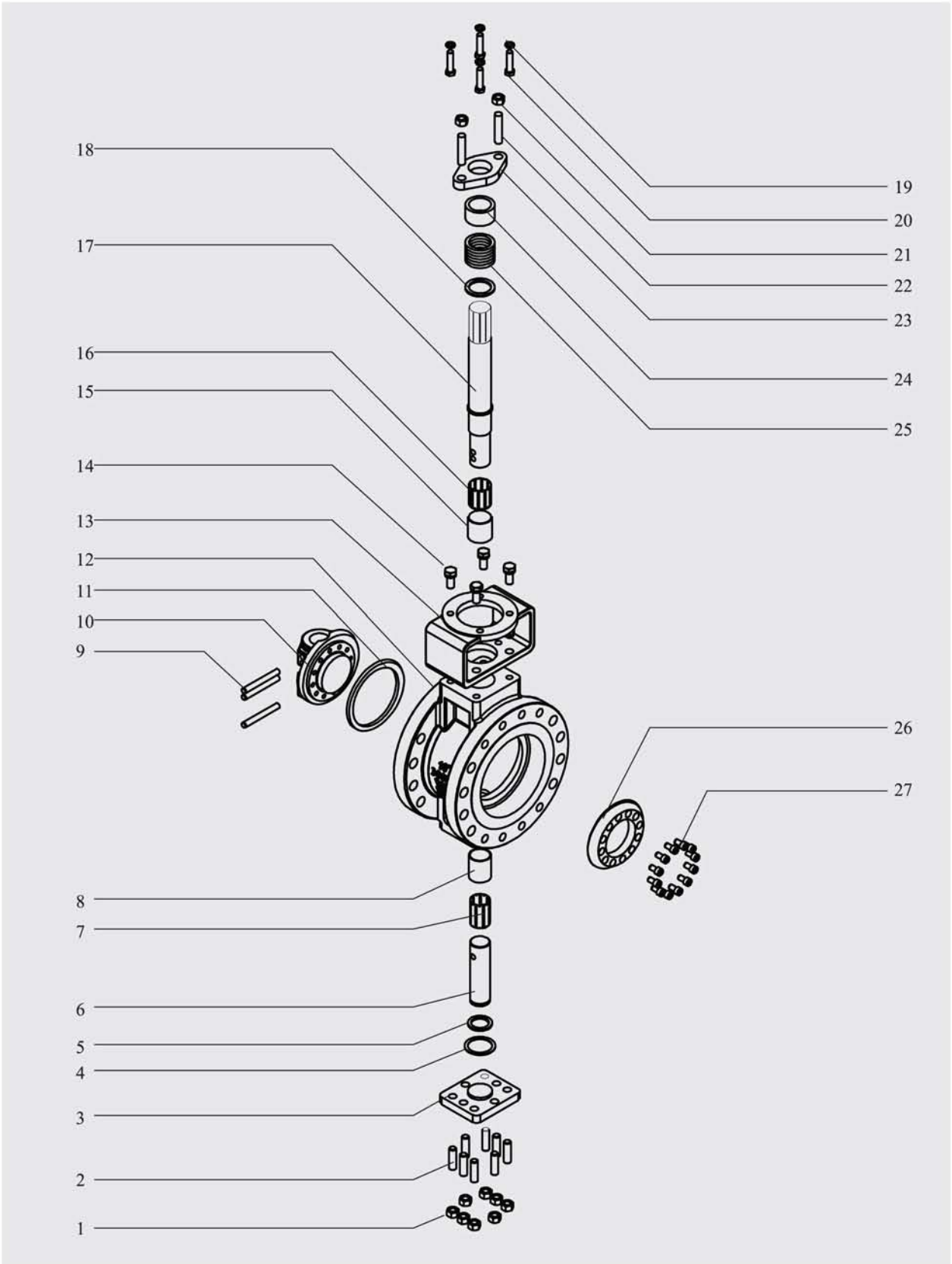
THE TRIPLE OFFSET GEOMETRY

OFFSET 1 The shaft is offset behind the seat axis to allow complete sealing contact around the entire seat.

OFFSET 2 The shaft centerline is offset from the pipe and valve which provides interference free opening and closing of the valve.

OFFSET 3 The seat cone axis is offset from the shaft centerline to eliminate friction during closing and opening and to achieve uniform compressive sealing around the entire seat.




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ITEM	零件Component	碳素钢Carbon Steel	不锈钢Stainless Steel
1	下法兰螺母Flange Nut	35 A194-2H	06Cr19Ni10 304/
2	下法兰螺栓Flang Stud	45 A193-B7	06Cr19Ni10 304
3	下法兰Flang	25 A29M 1025	06Cr17Ni12Mo2 316
4	金属缠绕垫Gasket	06Cr19Ni10+石墨 304+Graphite	06Cr17Ni12Mo2+石墨 316+Graphite
5	防冲出环Locking Ring	2Cr13 A276 420	06Cr17Ni12Mo2 316
6	阀杆Shaft	2Cr13 A276 420	17-4PH
7	过滤网Screen	06Cr19Ni10 304	06Cr17Ni12Mo2 316
8	轴套Sleeve	2Cr13 A276 420	06Cr17Ni12Mo2 316
9	销Pin	06Cr19Ni10 304	17-4PH
10	蝶板Disc	A216 WCB	CF8M
11	密封环Seal Ring	2Cr13 A276 420	06Cr17Ni12Mo2 316
12	阀体Body	A216 WCB	CF8M
13	支架Yoke	A216 WCB	A216 WCB
14	六角头螺钉Hex Head	8.8 A193-B7	06Cr19Ni10 304
15	轴套Sleeve	2Cr13 A276 420	06Cr17Ni12Mo2 316
16	过滤网Screen	06Cr19Ni10 304	06Cr17Ni12Mo2 316
17	阀杆Shaft	2Cr13 A276 420	17-4PH
18	填料环Packing Ring	2Cr13 A276 420	06Cr17Ni12Mo2 316
19	执行器连接垫圈Washer	65Mn A29M 5140	65Mn A29M 5140
20	执行器连接螺栓Capscrew	8.8 A193-B7	8.8 A193-B7
21	填料螺母Gland Nut	35 A194-2H	06Cr19Ni10 304
22	填料螺栓Gland Stud	45 A193-B7	06Cr19Ni10 304
23	填料压板Packing Plate	25 A29M 1025	06Cr19Ni10 304
24	填料压盖Packing Gland	25 A29M 1025	06Cr19Ni10 304
25	填料Packing	高碳纤维	高碳纤维
26	蝶板压环Disc Pressure Ring	45 A29M 1045	06Cr17Ni12Mo2 316
27	沉头螺钉Capscrew	8.8 A193-B7	06Cr17Ni12Mo2 316

外形图



对焊式
Butt weld type



对夹式
Wafer type



双法兰式
Double flanged type



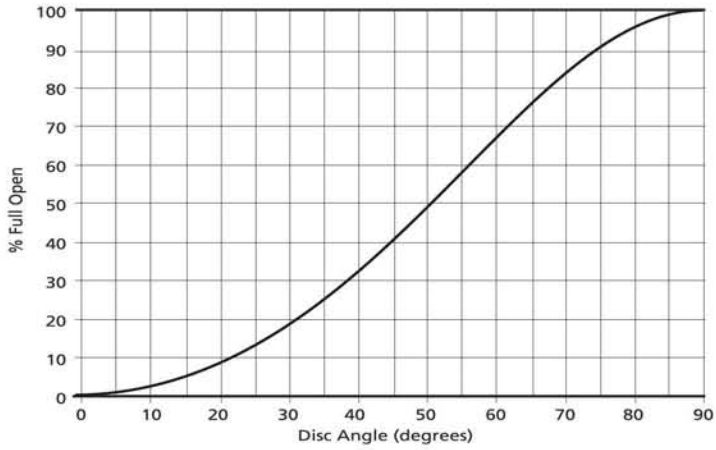
凸耳式
Lug type

150Lb

Valve size		5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°
mm	inch																		
80	3	1	6	14	23	31	39	47	54	62	71	82	96	112	128	143	156	163	165
100	4	2	12	26	42	57	72	85	98	113	130	150	176	205	234	262	285	299	302
150	6	16	31	45	59	76	101	134	178	233	297	369	448	531	616	698	758	796	796
200	8	30	57	82	108	140	185	246	327	427	544	676	821	974	1130	1280	1390	1460	1460
250	10	52	99	142	187	242	320	426	566	739	942	1170	1420	1690	1960	2220	2410	2530	2530
300	12	78	147	212	279	362	478	636	846	1100	1410	1750	2120	2520	2920	3310	3600	3780	3780
350	14	106	201	289	380	493	651	866	1150	1500	1920	2380	2890	3430	3980	4510	4890	5140	5140
400	16	165	313	451	594	769	1020	1350	1800	2350	2990	3720	4510	5350	6210	7040	7640	8020	8020
450	18	217	413	594	782	1010	1340	1780	2370	3090	3940	4890	5940	7050	8180	9270	10100	10600	10600
500	20	268	509	733	965	1250	1650	2200	2920	3820	4860	6040	7340	8710	10100	11400	12400	13000	13000
600	24	386	734	1060	1390	1800	2380	3170	4210	5500	7000	8700	10600	12500	14500	16500	17900	18800	18800
700	28	559	1060	1530	2010	2610	3450	4590	6100	7960	10100	12600	15300	18200	21100	23900	25900	27200	27200
750	30	630	1200	1720	2270	2940	3880	5160	6870	8960	11400	14200	17200	20400	23700	28900	29200	30700	30700
800	32	719	1370	1970	2590	3360	4440	5900	7840	10200	13000	16200	19700	23300	27100	30700	33300	35000	35000
900	36	884	1680	2420	3180	4120	5450	7250	9630	12600	16000	19900	24200	28700	33300	37700	40900	43000	43000
1000	40	1170	2220	3190	4210	5450	7210	9580	12700	16600	21200	26300	31900	37900	44000	49800	54100	56900	56900
1050	42	1230	2340	3370	4440	5760	7610	10100	13400	17600	22400	27800	33700	40000	46500	52600	57100	60000	60000
1200	48	1640	3120	4490	5920	7670	10100	13500	17900	23400	29800	37000	45000	53400	61900	70100	76100	80000	80000

300Lb

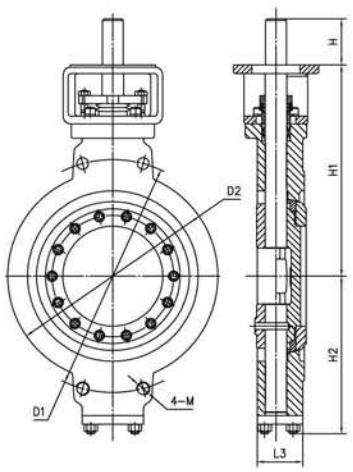
Valve size		5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°
mm	inch																		
80	3	1	6	14	23	31	39	47	54	62	71	82	96	112	128	143	156	163	165
100	4	2	12	26	42	57	72	85	98	113	130	150	176	205	234	262	285	299	302
150	6	6	25	41	54	69	91	121	162	212	268	334	407	482	559	634	689	725	725
200	8	11	45	74	98	126	166	222	298	389	492	613	746	884	1030	1160	1260	1330	1330
250	10	19	82	135	178	229	301	402	540	705	891	1110	1350	1600	1860	2110	2290	2410	2410
300	12	29	122	202	266	342	450	601	807	1050	1330	1660	2020	2400	2780	3150	3420	3600	3600
350	14	39	167	274	363	466	613	818	1100	1430	1810	2260	2750	3260	3780	4290	4660	4900	4900
400	16	58	248	408	539	692	910	1220	1630	2130	2690	3360	4090	4840	5610	6370	6920	7280	7280
450	18	77	326	537	710	911	1200	1600	2150	2810	3550	4420	5380	6380	7400	8390	9110	9590	9590
500	20	95	403	663	876	1130	1480	1980	2650	3460	4380	5460	6640	7880	9130	10400	11300	11800	11800
600	24	136	580	955	1260	1620	2130	2850	3820	4990	6310	7860	9570	11300	13100	14900	16200	17100	17100
700	28	199	844	1390	1840	2360	3100	4150	5560	7260	9190	11400	13900	16500	19100	21700	23600	24800	24800
750	30	232	986	1620	2150	2750	3620	4840	6490	8480	10700	13400	16300	19300	22400	25400	27500	29000	29000
800	32	261	1110	1830	2420	3100	4080	5450	7310	9550	12100	15000	18300	21700	25200	28600	31000	32600	32600
900	36	332	1410	2320	3070	3940	5190	6930	9300	12100	15400	19100	23300	27600	32000	36300	39400	41500	41500
1000	40	399	1700	2790	3690	4740	6230	8330	11200	14600	18400	23000	28000	33200	38400	43600	47400	49900	49900
1050	42	457	1940	3200	4230	5430	7140	9540	12800	16700	21100	26300	32000	38000	44000	50000	54200	57100	57100
1200	48	480	2040	3360	4440	5700	7500	10000	13400	17500	22200	27700	33700	39900	46300	52500	57000	60000	60000



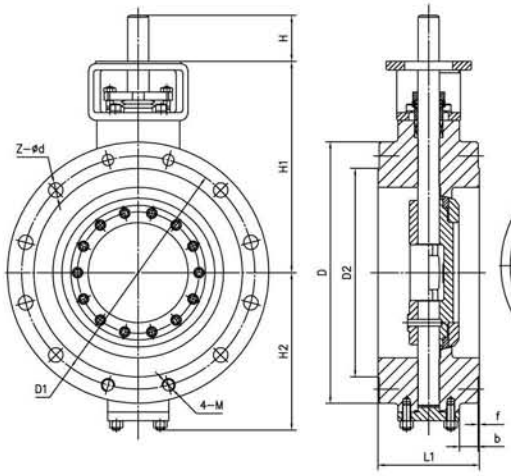
Typical Flow Characteristics

For control applications a wide variety of actuators and accessories can be provided. At moderate pressure drop conditions, turndown approaching 100 to 1 can be achieved because of the camming action of the disc opening. The disc lifts off the seat very quickly and an equal percentage control curve is produced between 15° to 75°.

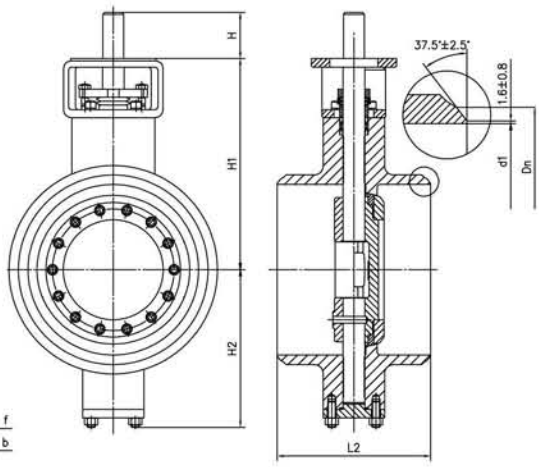
PN0.6(MPa)



对夹式
Wafer type



双法兰式
Double flanged type

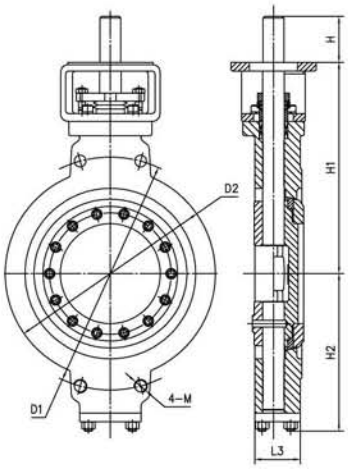


对焊式
Butt weld type

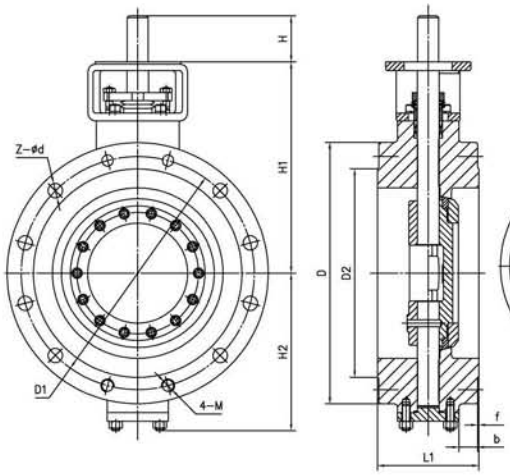
主要连接尺寸
Main connecting dimensions

公称通径 Nominal diameter	L1	L2	L3	D	D1	D2	b	f	Z-¢d	M	d1	Dn	H1	H2	H
DN(mm)	PN0.6(MPa)														
DN80	114	180	49	190	150	124	18	2	4-¢18	16	78	90	160	130	34
DN100	127	190	56	210	170	144	18	2	4-¢18	16	96	110	186	140	34
DN125	140	200	64	240	200	174	18	2	4-¢18	16	121	135	210	155	34
DN150	140	210	70	265	225	199	20	2	4-¢18	16	146	161	240	165	34
DN200	152	230	71	320	280	254	22	2	4-¢18	16	202	222	264	195	34
DN250	165	250	76	375	335	309	24	2	8-¢18	16	245	278	279	225	64
DN300	178	270	83	440	395	363	24	2	8-¢22	20	303	330	325	260	64
DN350	190	290	92	490	445	413	24	2	8-¢22	20	351	382	360	285	64
DN400	216	310	102	540	495	463	24	2	12-¢22	20	398	432	440	310	79
DN450	222	330	114	595	550	518	24	2	12-¢22	20	450	484	446	340	79
DN500	229	350	127	645	600	568	26	2	16-¢22	20	501	535	476	365	79
DN600	267	390	154	755	705	667	26	2	16-¢26	24	602	636	576	425	79
DN700	292	430	165	860	810	772	26	5	20-¢26	24	692	726	610	475	79
DN800	318	470	190	975	920	878	26	5	20-¢30	27	792	826	645	535	109
DN900	330	510	203	1075	1020	978	26	5	20-¢30	27	892	926	705	585	109
DN1000	410	550	216	1175	1120	1078	26	5	24-¢30	27	992	1028	740	635	109
DN1200	470	630	254	1405	1340	1295	28	5	28-¢33	30	1192	1228	834	755	109
DN1400	530	710	390	1630	1560	1510	32	5	32-¢36	33	1392	1428	976	875	109
DN1600	600	790	440	1830	1760	1710	34	5	36-¢36	33	1592	1628	1067	980	129
DN1800	670	870	490	2045	1970	1918	36	5	40-¢39	36	1792	1828	1210	1090	129
DN2000	760	950	540	2265	2180	2125	38	5	44-¢42	39	1992	2028	1340	1200	129
DN2200	1000	1000		2475	2390	2330	60	6	48-¢48	42	2192	2228	1504	1320	175
DN2400	1100	1100		2685	2600	2540	62	6	52-¢48	42	2392	2428	1750	1425	175
DN2600	1200	1200		2900	2810	2740	64	6	56-¢54	48	2592	2628	1910	1540	199
DN2800	1300	1300		3110	3020	2950	68	6	60-¢54	48	2792	2828	2103	1640	199
DN3000	1400	1400		3310	3220	3150	70	6	64-¢54	48	2992	3028	2234	1740	199

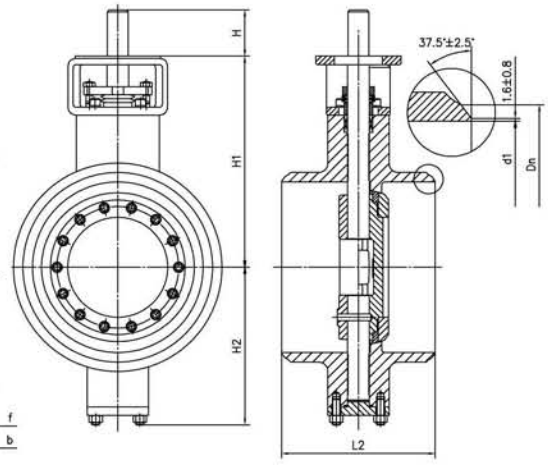
PN1.0(MPa)



对夹式
Wafer type



双法兰式
Double flanged type

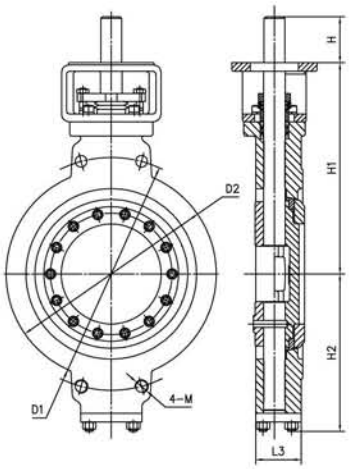


对焊式
Butt weld type

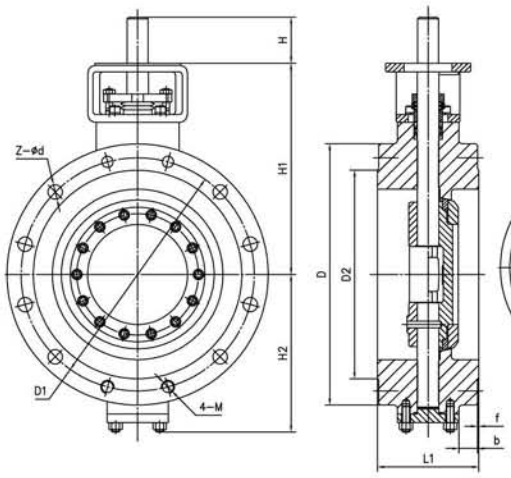
主要连接尺寸
Main connecting dimensions

公称通径 Nominal diameter	L1	L2	L3	D	D1	D2	b	f	Z-¢d	M	d1	Dn	H1	H2	H
DN(mm)	PN1.0(MPa)														
DN80	114	180	49	200	160	132	20	2	4-¢18	16	78	90	165	135	34
DN100	127	190	56	220	180	156	22	2	4-¢18	16	96	110	194	145	34
DN125	140	200	64	250	210	184	22	2	4-¢18	16	121	135	215	160	34
DN150	140	210	70	285	240	211	24	2	4-¢22	20	146	161	255	180	34
DN200	152	230	71	340	295	266	24	2	4-¢22	20	202	222	279	210	64
DN250	165	250	76	395	350	319	26	2	8-¢22	20	245	278	294	240	64
DN300	178	270	83	445	400	370	26	2	8-¢22	20	303	330	330	265	79
DN350	190	290	92	505	460	429	26	2	12-¢22	20	351	382	370	295	79
DN400	216	310	102	565	515	480	26	2	12-¢26	24	398	432	460	330	79
DN450	222	330	114	615	565	530	28	2	16-¢26	24	450	484	451	355	109
DN500	229	350	127	670	620	582	28	2	16-¢26	24	501	535	496	385	109
DN600	267	390	154	780	725	682	34	2	16-¢30	27	602	636	584	440	109
DN700	292	430	165	895	840	794	34	5	20-¢30	27	692	726	635	500	129
DN800	318	470	190	1015	950	901	36	5	20-¢33	30	792	826	725	565	129
DN900	330	510	203	1115	1050	1001	38	5	24-¢33	30	892	926	755	620	199
DN1000	410	550	216	1230	1160	1112	38	5	24-¢36	33	992	1028	839	680	199
DN1200	470	630	254	1455	1380	1328	44	5	28-¢39	36	1192	1228	879	800	199
DN1400	530	710	390	1675	1590	1530	48	5	32-¢42	39	1392	1428	1016	915	249
DN1600	600	790	440	1915	1820	1750	52	5	36-¢48	45	1592	1628	1127	1045	249
DN1800	670	870	490	2115	2020	1950	56	5	40-¢48	45	1792	1828	1265	1145	249
DN2000	760	950	540	2325	2230	2150	60	5	44-¢48	45	1992	2028	1390	1250	249

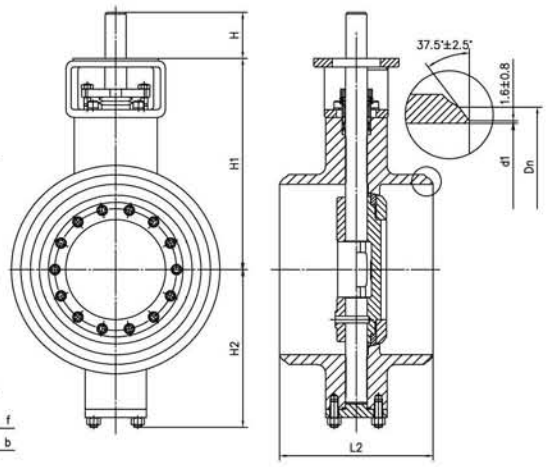
PN1.6(MPa)



对夹式
Wafer type



双法兰式
Double flanged type

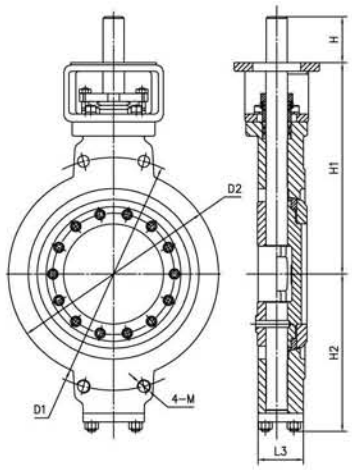


对焊式
Butt weld type

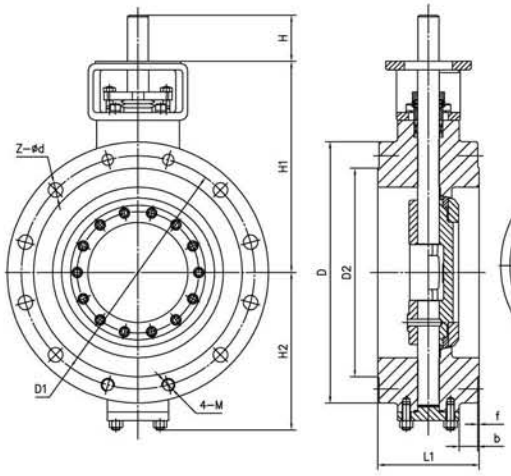
主要连接尺寸
Main connecting dimensions

公称通径 Nominal diameter	L1	L2	L3	D	D1	D2	b	f	Z-¢d	M	d1	Dn	H1	H2	H
DN(mm)	PN1.6(MPa)														
DN80	114	180	49	200	160	132	20	2	4-¢18	16	78	90	165	135	34
DN100	127	190	56	220	180	156	22	2	4-¢18	16	96	110	194	145	34
DN125	140	200	64	250	210	184	22	2	4-¢18	16	121	135	215	160	34
DN150	140	210	70	285	240	211	24	2	4-¢22	20	146	161	255	180	34
DN200	152	230	71	340	295	266	24	2	8-¢22	20	202	222	279	210	64
DN250	165	250	76	405	355	319	26	2	8-¢26	24	245	278	294	250	64
DN300	178	270	83	460	410	370	28	2	8-¢26	24	303	330	330	275	79
DN350	190	290	92	520	470	429	30	2	12-¢26	24	351	382	370	311	79
DN400	216	310	102	580	525	480	32	2	12-¢30	27	398	432	460	345	79
DN450	222	330	114	640	585	548	34	2	16-¢30	27	450	484	451	375	109
DN500	229	350	127	715	650	609	36	2	16-¢33	30	501	535	496	420	109
DN600	267	390	154	840	770	720	38	2	16-¢36	33	602	636	584	485	109
DN700	292	430	165	910	840	794	40	5	20-¢36	33	692	726	635	520	129
DN800	318	470	190	1025	950	901	42	5	20-¢39	36	792	826	725	580	129
DN900	330	510	203	1125	1050	1001	44	5	24-¢39	36	892	926	755	635	199
DN1000	410	550	216	1255	1170	1112	46	5	24-¢42	39	992	1028	839	700	199
DN1200	470	630	254	1485	1390	1328	52	5	28-¢48	45	1192	1228	879	830	199
DN1400	530	710	390	1685	1590	1530	58	5	32-¢48	45	1392	1428	1016	930	249
DN1600	600	790	440	1930	1820	1750	64	5	36-¢55	52	1592	1628	1127	1065	249
DN1800	670	870	490	2130	2020	1950	68	5	40-¢55	52	1792	1828	1265	1165	249
DN2000	760	950	540	2345	2230	2150	70	5	44-¢60	56	1992	2028	1390	1280	249

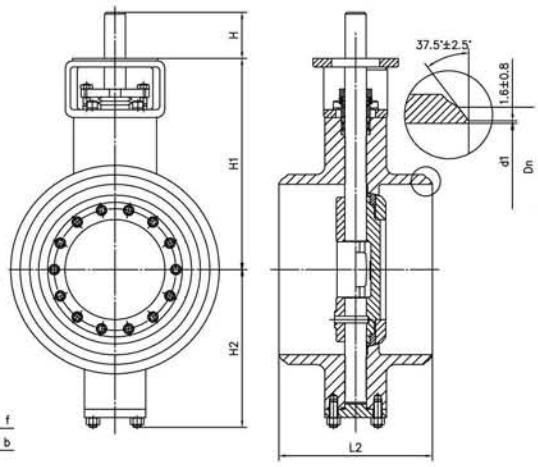
PN2.5(MPa)



对夹式
Wafer type



双法兰式
Double flanged type

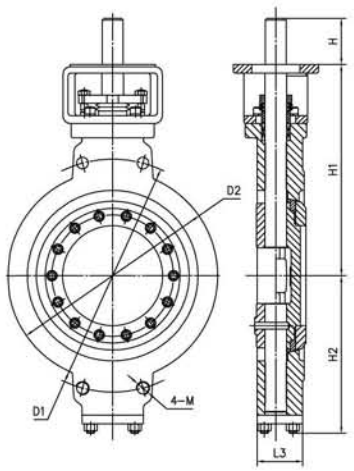


对焊式
Butt weld type

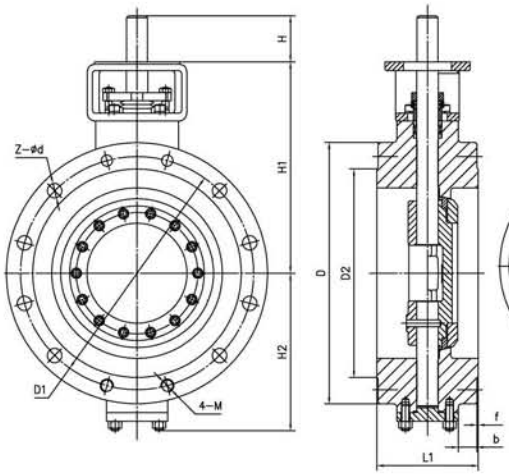
主要连接尺寸
Main connecting dimensions

公称通径 Nominal diameter	L1	L2	L3	D	D1	D2	b	f	Z-¢d	M	d1	Dn	H1	H2	H
DN(mm)	PN2.5(MPa)														
DN80	114	180	49	200	160	132	24	2	4-¢18	16	78	90	165	135	34
DN100	127	190	56	235	190	156	24	2	4-¢22	20	96	110	204	155	34
DN125	140	200	64	270	220	184	26	2	4-¢26	24	121	135	230	175	34
DN150	140	210	70	300	250	211	28	2	4-¢26	24	146	161	270	195	64
DN200	152	230	71	360	310	274	30	2	8-¢26	24	202	222	294	225	64
DN250	165	250	76	425	370	330	32	2	8-¢30	27	245	278	304	260	79
DN300	178	270	83	485	430	389	34	2	12-¢30	27	303	330	350	295	79
DN350	190	290	92	555	490	448	38	2	12-¢33	30	351	382	384	335	109
DN400	216	310	102	620	550	503	40	2	12-¢36	33	398	432	490	375	109
DN450	222	330	114	670	600	548	46	2	16-¢36	33	450	484	476	400	109
DN500	229	350	127	730	660	609	48	2	16-¢36	33	501	535	511	435	129
DN600	267	390	154	845	770	720	58	2	16-¢39	36	602	636	599	500	129
DN700	292	430	165	960	875	820	50	5	20-¢42	39	692	726	675	560	199
DN800	318	470	190	1085	990	928	54	5	20-¢48	45	792	826	775	635	199
DN900	330	510	203	1185	1090	1028	58	5	24-¢48	45	892	926	805	685	199
DN1000	410	550	216	1320	1210	1140	62	5	24-¢55	52	992	1028	904	765	249
DN1200	470	630	254	1530	1420	1350	70	5	28-¢55	52	1192	1228	919	870	249
DN1400	530	710	390	1755	1640	1560	76	5	32-¢60	56	1392	1428	1071	985	249
DN1600	600	790	440	1975	1860	1780	84	5	36-¢60	56	1592	1628	1137	1075	249
DN1800	670	870	490	2195	2070	1985	90	5	40-¢68	64	1792	1828	1290	1190	285
DN2000	760	950	540	2425	2300	2210	96	5	44-¢68	64	1992	2028	1415	1305	285

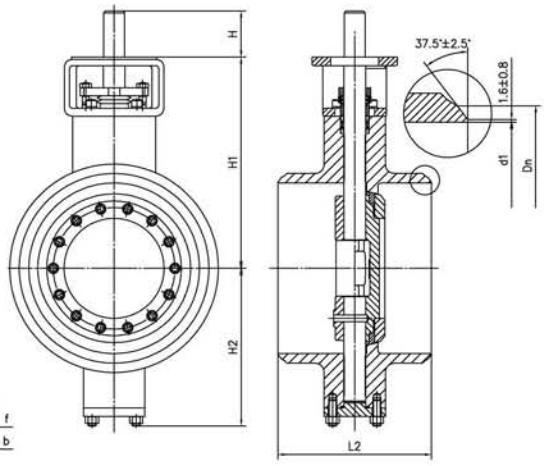
PN4.0(MPa)



对夹式
Wafer type



双法兰式
Double flanged type



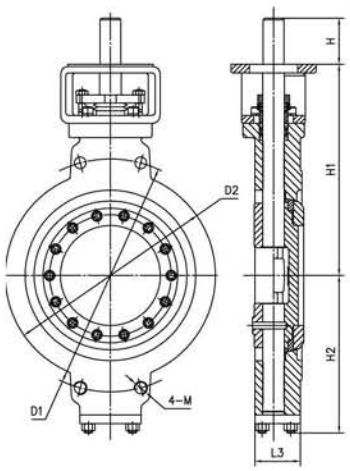
对焊式
Butt weld type

主要连接尺寸
Main connecting dimensions

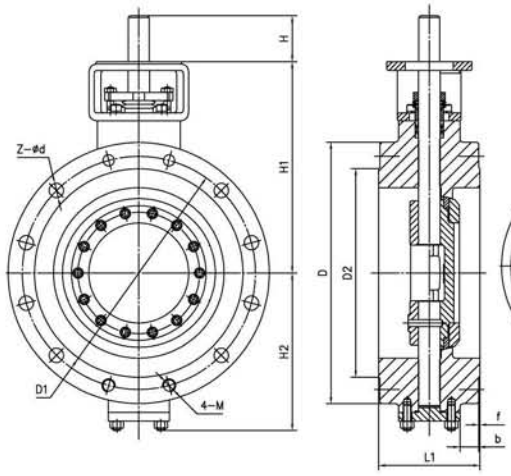
公称通径 Nominal diameter	L1	L2	L3	D	D1	D2	b	f	Z-ϕd	M	d1	Dn	H1	H2	H
DN(mm)	PN4.0(MPa)														
DN80	180	180	49	200	160	132	24	4	4-ϕ18	16	78	90	165	135	34
DN100	190	190	56	235	190	156	24	4. 5	4-ϕ22	20	96	110	204	155	34
DN125	200	200	64	270	220	184	26	4. 5	4-ϕ26	24	120	135	230	175	34
DN150	210	210	70	300	250	211	28	4. 5	4-ϕ26	24	145	161	270	195	64
DN200	230	230	71	375	320	284	34	4. 5	8-ϕ30	27	200	222	304	235	64
DN250	250	250	76	450	385	345	38	4. 5	8-ϕ33	30	252	278	319	275	79
DN300	270	270	83	515	450	409	42	4. 5	12-ϕ33	30	301	330	409	310	79
DN350	290	290	92	580	510	465	46	5	12-ϕ36	33	351	382	499	350	109
DN400	310	310	102	660	585	535	50	5	12-ϕ39	36	398	432	515	400	109
DN450	330	330	114	685	610	560	57	5	16-ϕ39	36	448	484	486	410	109
DN500	350	350	127	755	670	615	57	5	16-ϕ42	39	495	535	531	455	129
DN600	390	390	178	890	795	735	72	5	16-ϕ48	45	595	636	629	530	129
DN700															
DN800															
DN900															
DN1000															
DN1200															
DN1400															
DN1600															
DN1800															
DN2000															

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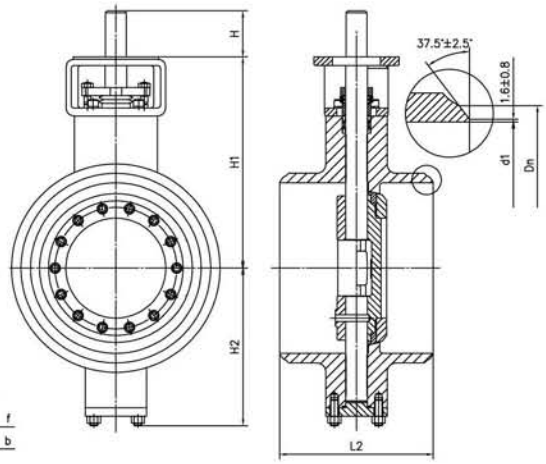
PN6.3(MPa)



对夹式
Wafer type



双法兰式
Double flanged type



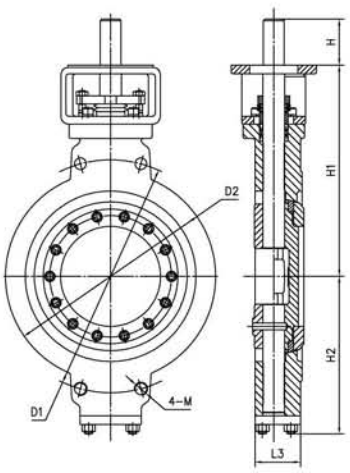
对焊式
Butt weld type

主要连接尺寸
Main connecting dimensions

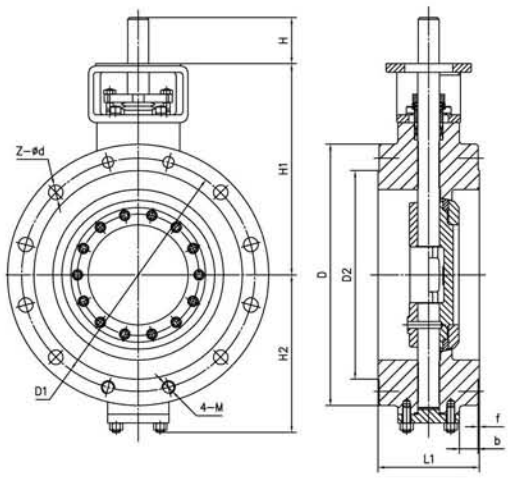
公称通径 Nominal diameter	L1	L2	L3	D	D1	D2	b	f	Z-¢d	M	d1	Dn	H1	H2	H
DN(mm)	PN6.3(MPa)														
DN80	180	180	49	215	170	132	28	4	4-¢22	20	77	90	175	145	34
DN100	190	190	56	250	200	156	30	4. 5	4-¢26	24	94	110	214	165	34
DN125	200	200	64	295	240	184	34	4. 5	4-¢30	27	118	135	250	195	64
DN150	210	210	70	345	280	211	36	4. 5	4-¢33	30	142	161	300	225	64
DN200	230	230	71	415	345	284	42	4. 5	8-¢36	33	198	222	334	265	79
DN250	250	250	76	470	400	345	46	4. 5	8-¢36	33	246	278	339	295	79
DN300	270	270	83	530	460	409	52	4. 5	12-¢36	33	294	330	424	325	109
DN350	290	290	127	600	525	465	56	5	12-¢39	36	342	382	414	365	109
DN400	310	310	140	670	585	535	60	5	12-¢42	39	368	432	520	405	129
DN500	350	350	152	800	705	615	70	5	16-¢48	45	485	535	556	480	129
DN600	390	390	178	930	820	735	76	5	16-¢56	52	585	636	654	555	179
DN700															
DN800															
DN900															
DN1000															
DN1200															
DN1400															
DN1600															
DN1800															
DN2000															

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PN10.0(MPa)



对夹式
Wafer type



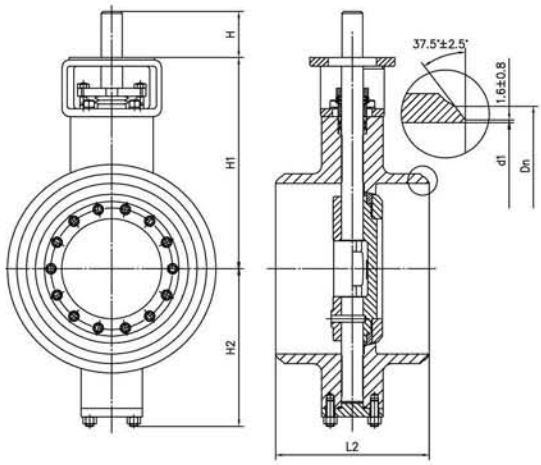
双法兰式
Double flanged type

主要连接尺寸
Main connecting dimensions

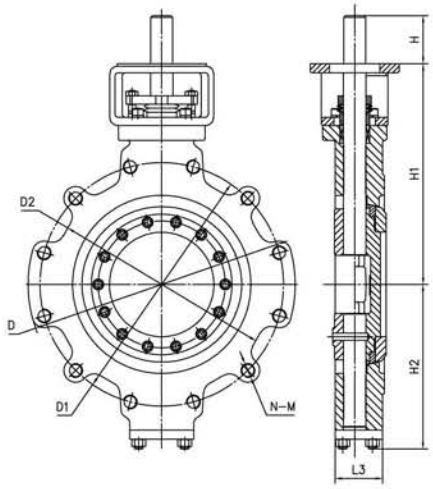
公称通径 Nominal diameter	L1	L2	L3	D	D1	D2	b	f	Z-¢d	M	d1	Dn	H1	H2	H
DN(mm)	PN10.0(MPa)														
DN80	180	180	64	230	180	132	32	4	4-¢26	24	75	90	190	160	44
DN100	190	190	64	265	210	156	36	4. 5	4-¢30	27	92	110	229	180	44
DN125	200	200	70	315	250	184	40	4. 5	4-¢33	30	112	135	265	210	79
DN150	210	210	76	355	290	211	44	4. 5	8-¢33	30	136	161	305	230	79
DN200	230	230	89	430	360	284	52	4. 5	8-¢36	33	190	222	344	275	79
DN250	250	250	114	505	430	345	60	4. 5	8-¢39	36	236	278	359	315	79
DN300	270	270	114	585	500	409	68	4. 5	12-¢42	39	284	330	464	365	109
DN350	290	290	127	655	560	465	74	5	12-¢48	45	332	382	454	405	109
DN400	310	310	140	715	620	535	82	5	12-¢48	45	376	432	555	440	129
DN450	330	330	152	800	675	560	83	5	16-¢48	45	425	484	575	480	129
DN500	350	350	152	870	760	615	89	5	16-¢56	52	475	535	606	530	129
DN600	390	390	178	990	875	735	102	5	16-¢62	56	575	636	694	595	178
DN700															
DN800															
DN900															
DN1000															
DN1200															
DN1400															
DN1600															
DN1800															
DN2000															

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150LB



对焊式
Butt weld type

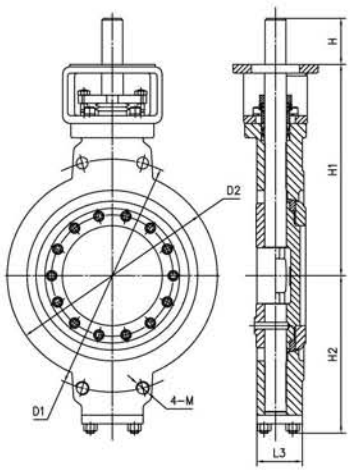


凸耳式
Lug type

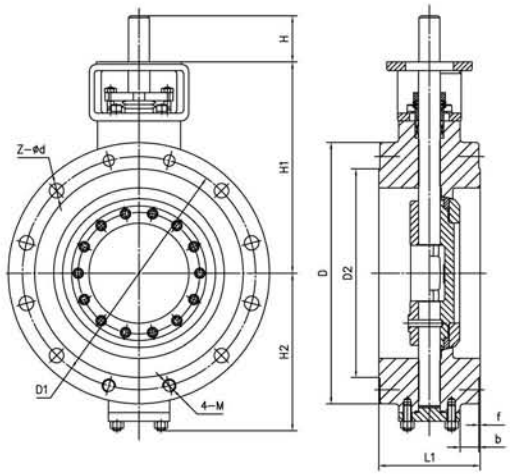
主要连接尺寸
Main connecting dimensions

公称通径 Nominal diameter		L1	L2	L3	D	D1	D2	b(Min)	f	Z-¢d	M(in)	d1	Dn	H1	H2	H
in	mm	150LB														
3″	DN80	114	114	48	190	152.4	127	22.3	2	4-¢19	16(5/8)	77.9	88.9	159	130	34
4″	DN100	127	127	54	230	190.5	157.2	22.3	2	4-¢19	16(5/8)	102.3	114.3	194	150	34
5″	DN125	140	140	56	255	215.9	185.7	22.3	2	4-¢22	20(3/4)	128.2	139.7	225	165	34
6″	DN150	140	140	57	280	241.3	215.9	23.9	2	4-¢22	20(3/4)	154.1	168.3	242	175	34
8″	DN200	152	152	64	345	298.5	269.9	27	2	4-¢22	20(3/4)	202.7	219.1	237	210	34
10″	DN250	165	165	71	405	362	323.8	28.6	2	8-¢26	24(7/8)	254.5	273	277	245	64
12″	DN300	178	178	81	485	431.8	381	30.2	2	8-¢26	24(7/8)	304.8	323.9	325	285	79
14″	DN350	190	190	92	535	476.3	412.8	33.4	2	8-¢30	27(1)	336.6	355.6	352	315	79
16″	DN400	216	216	102	595	539.8	469.9	35	2	12-¢30	27(1)	387.4	406.4	425	345	79
18″	DN450	222	222	114	635	577.9	533.4	38.1	2	12-¢32	30(1.125)	434.9	457	443	370	79
20″	DN500	229	229	127	700	635	584.2	41.3	2	16-¢32	30(1.125)	482.6	508	482	405	79
24″	DN600	267	267	154	815	749.3	692.2	46.1	2	16-¢35	33(1.25)	581.1	610	550	465	109
28″	DN700	292	292	229	925	863.6	800	69.9	2	24-¢35	33(1.25)	672.7	711.2	661	525	129
32″	DN800	318	318	241	1060	977.9	914	79.4	2	24-¢42	39(1.5)	770.7	812.8	722	600	129
36″	DN900	330	330	241	1170	1085.8	1022	88.9	2	28-¢42	39(1.5)	869.3	914.4	795	660	175
40″	DN1000	410	410	300	1290	1200.2	1124	88.9	2	32-¢42	39(1.5)	967.3	1016	815	720	175
48″	DN1200	470	470	360	1510	1422.4	1359	106.4	2	40-¢42	39(1.5)	1164	1219.2	995	825	199

300LB



对夹式
Wafer type

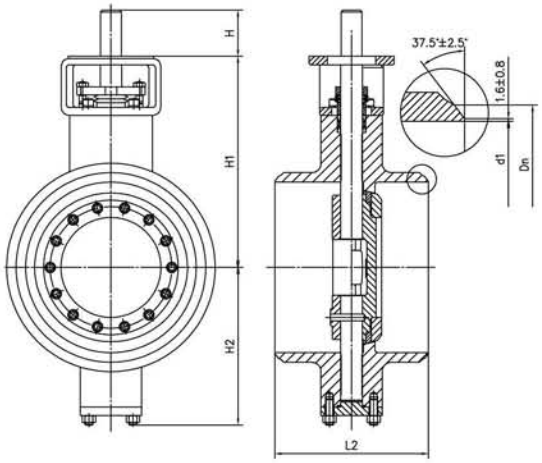


双法兰式
Double flanged type

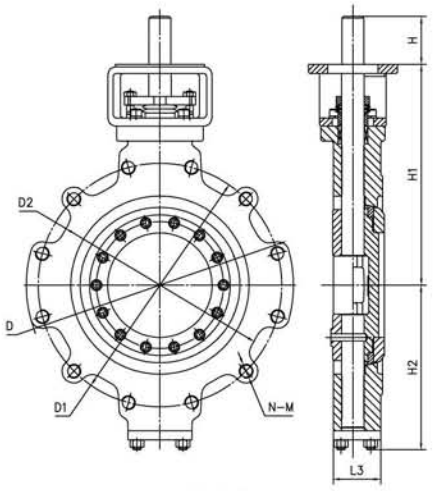
主要连接尺寸
Main connecting dimensions

公称通径 Nominal diameter		L1	L2	L3	D	D1	D2	b(Min)	f	Z-¢d	M(in)	d1	Dn	H1	H2	H
in	mm	300LB														
3″	DN80	180	180	48	210	168.3	127	27	2	4-¢22	20(3/4)	77.9	88.9	159	145	34
4″	DN100	190	190	54	255	200	157.2	30.2	2	4-¢22	20(3/4)	102.3	114.3	194	165	34
5″	DN125	200	200	56	280	235	185.7	33.4	2	4-¢22	20(3/4)	128.2	139.7	236	180	64
6″	DN150	210	210	59	320	269.9	215.9	35	2	8-¢22	20(3/4)	154.1	168.3	269	200	64
8″	DN200	230	230	73	380	330.2	269.9	39.7	2	8-¢26	24(7/8)	202.7	219.1	285	235	79
10″	DN250	250	250	83	445	387.4	323.8	46.1	2	12-¢29	27(1)	254.5	273	325	275	79
12″	DN300	270	270	92	520	450.8	381	49.3	2	12-¢32	30(1.125)	304.8	323.9	387	315	79
14″	DN350	290	290	117	585	514.4	412.8	52.4	2	16-¢32	30(1.125)	336.6	355.6	410	350	79
16″	DN400	310	310	133	650	571.5	469.9	55.6	2	16-¢35	33(1.25)	387.4	406.4	465	385	109
18″	DN450	330	330	149	710	628.6	533.4	58.8	2	20-¢35	33(1.25)	434.9	457	528	415	109
20″	DN500	350	350	159	775	685.8	584.2	62	2	20-¢35	33(1.25)	482.6	508	561	450	129
24″	DN600	390	390	181	915	812.8	692.2	68.3	2	20-¢42	39(1.5)	581.1	610	636	530	129
28″	DN700	430	430	229	1035	939.8	800	84.2	2	24-¢45	42(1.625)	672.7	711.2	800	590	199
32″	DN800	470	470	241	1150	1054.1	914	96.9	2	24-¢52	48(1.875)	770.7	812.8	860	720	199
36″	DN900	210	210	241	1270	1168.4	1022	103.2	2	28-¢54	50(2)	869.3	914.4	940	780	199
40″	DN1000	550	550	300	1240	1155.7	1086	112.8	2	28-¢45	42(1.625)	967.3	1016	910	750	199
48″	DN1200	630	630	360	1465	1371.6	1302	131.8	2	28-¢52	48(1.875)	1164	1219.2	1000	850	249

600LB



对焊式
Butt weld type



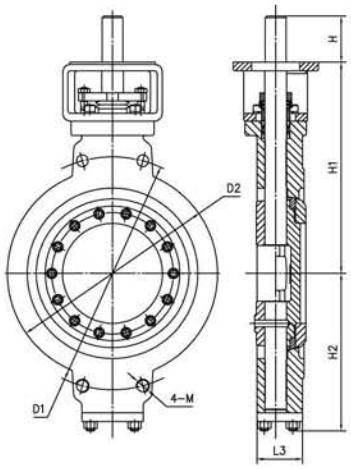
凸耳式
Lug type

主要连接尺寸
Main connecting dimensions

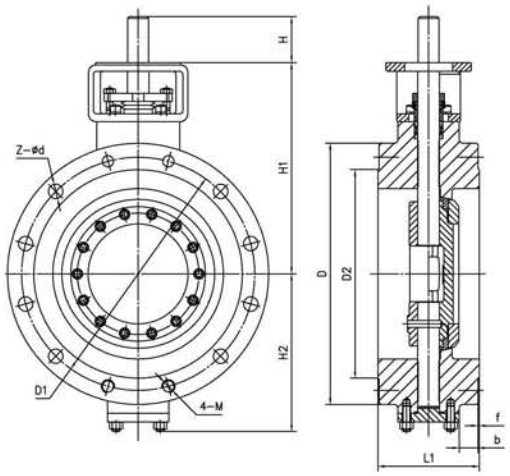
公称通径 Nominal diameter		L1	L2	L3	D	D1	D2	b(Min)	f	Z-¢d	M(in)	d1	Dn	H1	H2	H
in	mm	600LB														
3″	DN80	180	180	54	210	168.3	127	31.8	7	4-¢22	20(3/4)	77.9	88.9	202	145	44
4″	DN100	190	190	64	275	215.9	157.2	38.1	7	4-¢26	24(7/8)	102.3	114.3	208	180	44
5″	DN125	200	200	70	330	266.7	185.7	44.5	7	4-¢29	27(1)	128.2	139.7	235	210	79
6″	DN150	210	210	78	355	292.1	215.9	47.7	7	8-¢29	27(1)	154.1	168.3	302	225	79
8″	DN200	230	230	102	420	349.2	269.9	55.6	7	8-¢32	30(1.125)	198.5	219.1	315	265	79
10″	DN250	250	250	117	510	431.8	323.8	63.5	7	12-¢35	33(1.25)	247.7	273	376	310	79
12″	DN300	270	270	140	560	489	381	66.7	7	16-¢35	33(1.25)	295.3	323.9	442	340	109
14″	DN350	290	290	155	605	527	412.8	69.9	7	16-¢38	35(1.375)	325.4	355.6	457	365	109
16″	DN400	310	310	178	685	603.2	469.9	76.2	7	16-¢42	39(1.5)	363.5	406.4	561	410	129
18″	DN450	330	330	200	745	654	533.4	82.6	7	16-¢45	42(1.625)	409.5	457	610	450	129
20″	DN500	350	350	216	815	723.9	584.2	88.9	7	20-¢45	42(1.625)	455.6	508	645	485	129
24″	DN600	390	390	232	940	638.2	692.2	101.6	7	20-¢50	48(1.875)	547.7	610	730	555	178
28″	DN700															
30″	DN750															
32″	DN800															
36″	DN900															
40″	DN1000															
42″	DN1050															
48″	DN1200															

请联系销售办公室
Please contact the sales office.

900LB



对夹式
Wafer type



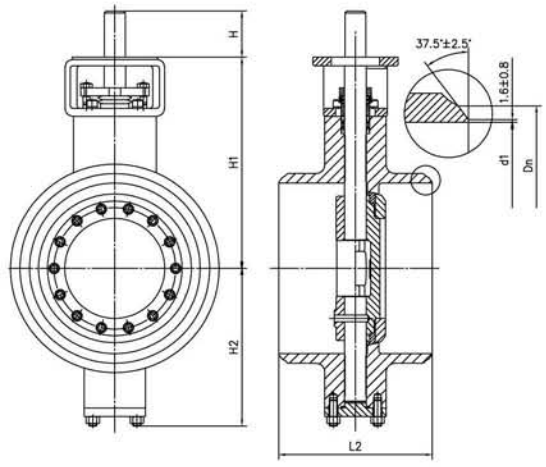
双法兰式
Double flanged type

主要连接尺寸
Main connecting dimensions

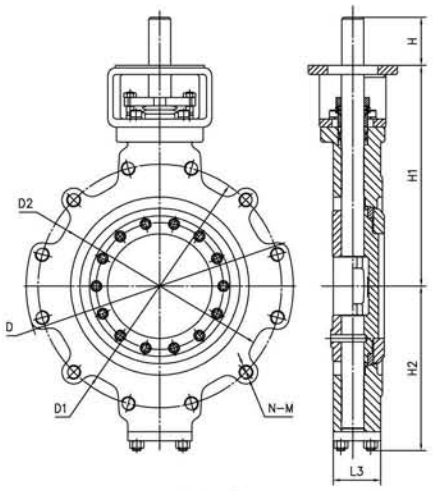
公称通径 Nominal diameter		L1	L2	L3	D	D1	D2	b(Min)	f	Z-¢d	M(in)	d1	Dn	H1	H2	H
in	mm	900LB														
4″	DN100	235	235	80	290	235	157.2	44.5	7	4-¢32	30(1.125)	77.9	88.9	240	181	64
6″	DN150	250	250	104	380	317.5	215.9	55.6	7	8-¢32	30(1.125)	102.3	114.3	315	238	79
8″	DN200	310	310	112	470	393.7	269.9	63.5	7	8-¢38	35(1.375)	128.2	139.7	360	281	79
10″	DN250	350	350	135	545	469.9	323.8	69.9	7	12-¢38	35(1.375)	154.1	168.3	412	358	109
12″	DN300	380	380	170	610	533.4	381	79.4	7	16-¢38	35(1.375)	198.5	219.1	475	383	109
14″	DN350	400	400	173	640	558.8	412.8	85.8	7	16-¢42	39(1.5)	247.7	273	512	419	128
16″	DN400	430	430	210	705	616	469.9	88.9	7	16-¢45	42(1.625)	295.3	323.9	610	455	129
18″	DN450	460	460	228	785	685.8	533.4	101.6	7	16-¢50	48(1.875)	325.4	355.6	660	503	178
20″	DN500	490	490	250	855	749.3	584.2	108	7	16-¢54	50(2)	363.5	406.4	685	550	178
24″	DN600	530	530	275	1040	901.7	692.2	139.7	7	16-¢67	64(2.5)	409.5	457	790	656	199
28″	DN700															
30″	DN750															
32″	DN800															
36″	DN900															
40″	DN1000															
42″	DN1050															
48″	DN1200															

请联系销售办公室
Please contact the sales office.

1500LB



对焊式
Butt weld type



凸耳式
Lug type

主要连接尺寸
Main connecting dimensions

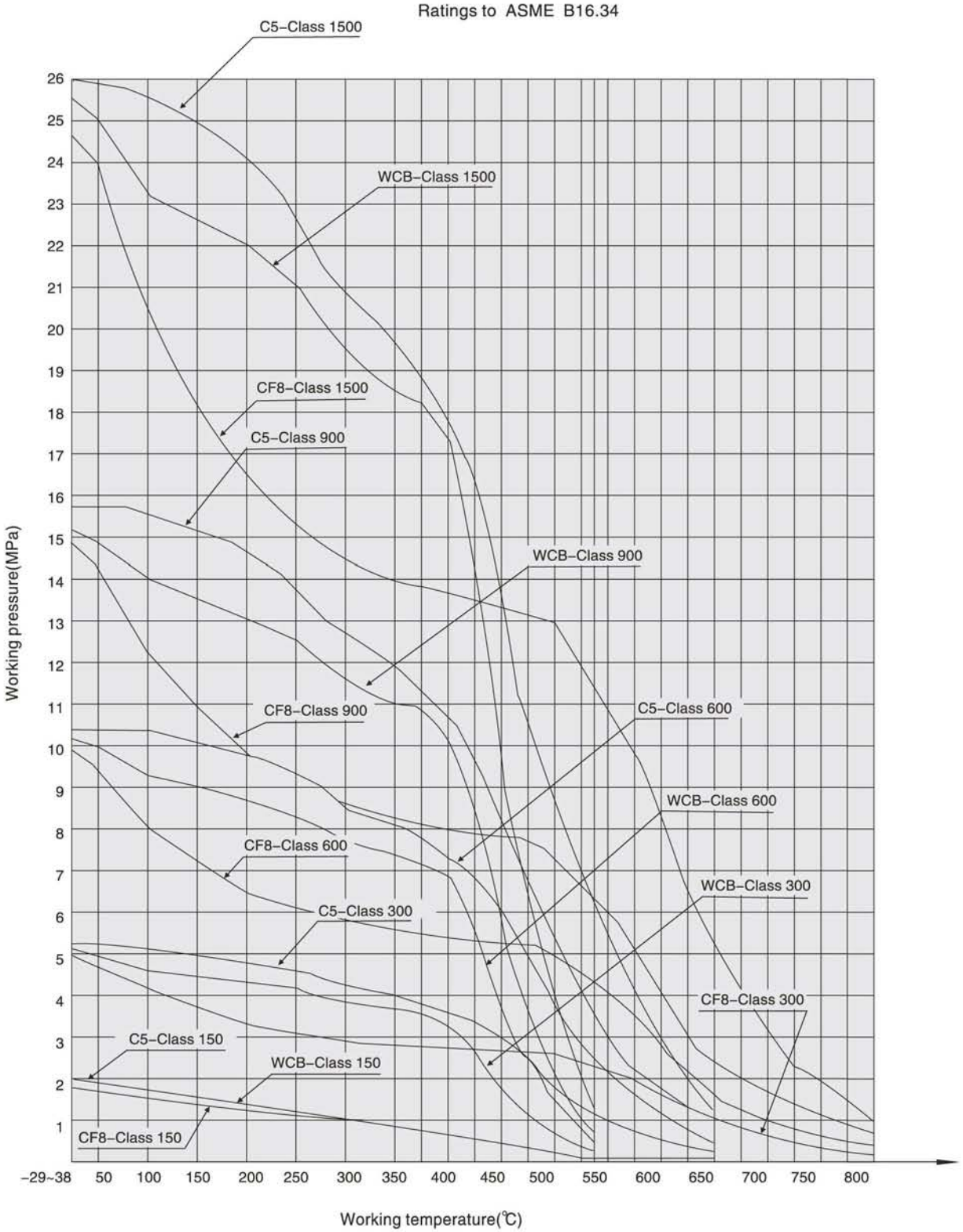
公称通径 Nominal diameter		L1	L2	L3	D	D1	D2	b(Min)	f	Z-¢d	M(in)	d1	Dn	H1	H2	H
in	mm	1500LB														
6″	DN150	290	290	160	395	317.5	215.9	82.6	7	8-¢38	35(1.375)	102.3	114.3	347	257	109
8″	DN200	330	330	180	485	393.7	269.9	92.1	7	8-¢45	42(1.625)	128.2	139.7	405	307	109
10″	DN250	390	390	200	585	482.6	323.8	108	7	8-¢50	48(1.875)	154.1	168.3	510	371	129
12″	DN300	430	430	230	675	571.5	381	123.9	7	12-¢54	50(2)	198.5	219.1	545	414	129
14″	DN350	470	470	250	750	635	412.8	133.4	7	12-¢61	58(2.25)	247.7	273	610	493	178
16″	DN400	510	510	265	825	704.8	469.9	146.1	7	12-¢67	64(2.5)	295.3	323.9	655	530	199
18″	DN450	550	550	300	915	774.7	533.4	162	7	12-¢74	70(2.75)	325.4	355.6	750	591	199
20″	DN500	630	630	340	985	831.8	584.2	177.8	7	12-¢80	76(3)	363.5	406.4	810	664	199
24″	DN600	710	710	400	1170	990.6	692.2	203.2	7	12-¢94	90(3.5)	409.5	457	950	780	249
28″	DN700															
30″	DN750															
32″	DN800															
36″	DN900															
40″	DN1000															
42″	DN1050															
48″	DN1200															

请联系销售办公室
Please contact the sales office.

Materials ASTM A216-WCB.A217-C5 A351-CF8

Pressure-temperature

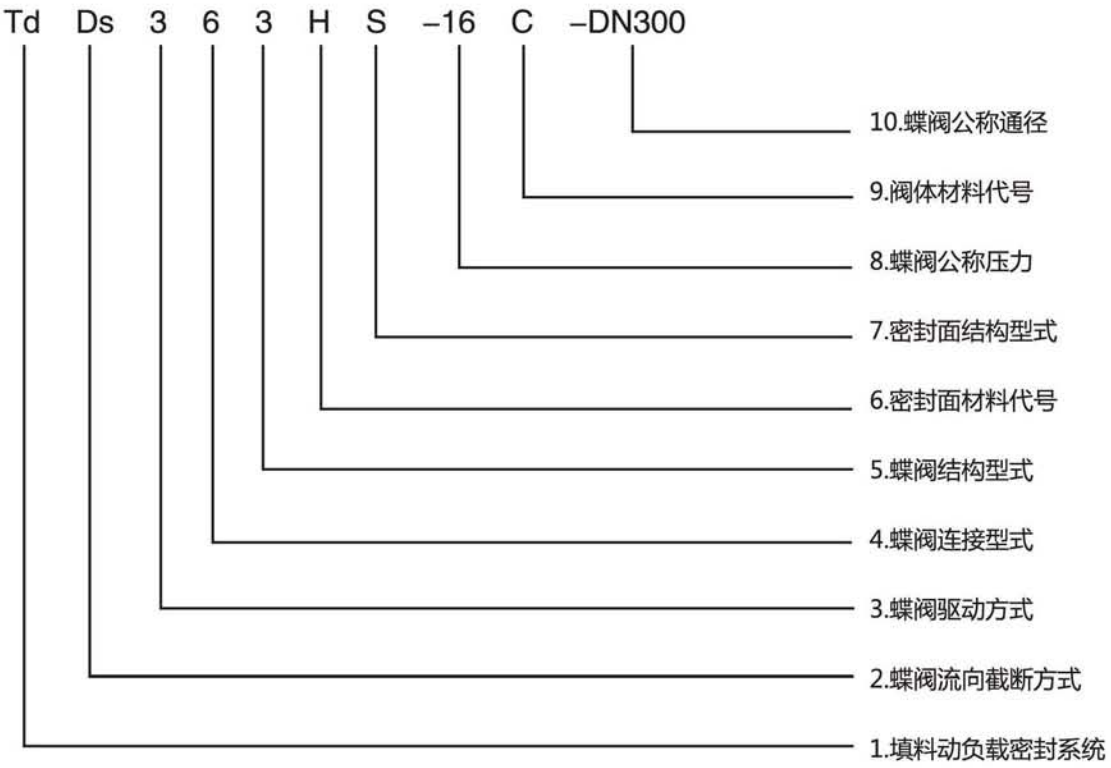
Ratings to ASME B16.34



Materials List

Astm Standard	Chemical compostions [%]										Mechanicak Proper Ties				Hardness Brinell min
	C max	Mn max	P max	S max	Si max	Cr	Mo	Ni	Cu max	V max	Tensile [MPa]min	Yield [MPa]min	Elongation [%]min	Reduction [%]min	
A216 WCB	0.30	1.00	0.040	0.045	0.60	≤0.50	≤0.20	≤0.50	0.30	0.03	485–655	250	22	35	
A216 WCC	0.25	1.20	0.040	0.045	0.60	≤0.50	≤0.20	≤0.50	0.30	0.03	485–655	275	22	35	
A352 LC3	0.15	0.50–0.80	0.040	0.045	0.60			3.00–4.00			485–655	275	35	24	
A217 WC6	0.05–0.20	0.50–0.80	0.040	0.045	0.60	1.00–1.50	0.45–0.65		0.50		485–655	275	20	35	
A217 WC9	0.05–0.18	0.40–0.70	0.040	0.045	0.60	2.00–2.75	1.00–1.50		0.50		485–655	275	20	35	
A217 C5	0.20	0.40–0.70	0.040	0.045	0.75	4.00–6.50	0.45–0.65		0.50		620–795	415	18	35	
A351 CF3	0.03	1.50	0.040	0.040	2.00	17.0–21.0	≤0.50	8.0–12.0			485	205	35		
A351 CF3M	0.03	1.50	0.040	.0.040	1.50	17.0–21.0	9.0–13.0	2.0–30			485	205	30		
A351 CF8	0.08	1.50	0.040	0.040	2.00	18.0–21.0	≤0.50	8.0–11.0			485	205	35		
A351 CF8M	0.08	1.50	0.040	0.040	1.50	18.0–21.0	2.0–3.0	9.0–12.0			485	205	30		
A351 CF8C	0.08	1.50	0.040	0.040	2.00	18.0–21.0	≤0.50	9.0–12.0			485	205	30		
A351 CN7M	0.07	1.50	0.040	0.040	1.50	19.0–22.0	2.0–3.0	27.5–30.5			450	170	35		
A105	0.35	0.60–1.50	0.040	0.050	0.35	≤0.30	≤0.12	≤0.40	0.40	0.030	485	150	22	30	187
A182 F6A	0.15	1.00	0.040	0.030	1.00	11.5–13.5		≤0.50			485	275	18	35	143–187
A182 F304	0.08	2.00	0.040	0.030	1.00	18.0–20.2		8.0–11.0			515	205	30	50	
A182 F304L	0.035	2.00	0.040	0.030	1.00	18.0–20.0		8.0–13.0			485	170	30	50	
A182 F316	0.08	2.00	0.040	0.030	1.00	16.0–18.0	2.0–3.0	10.0–14.0			515	205	30	50	
A182 F316L	0.035	2.00	0.040	0.030	1.00	16.0–18.0	2.0–3.0	10.0–15.0			485	170	30	50	
A182 F321	0.08	2.00	0.040	0.030	1.00	≥17.0		9.0–12.0			515	205	30	50	
A182 F11	0.10–0.20	0.30–0.80	0.040	0.040	0.50–1.00	1.0–1.5	0.44–0.65				515	310	20	30	179–217
A182 F22	0.05–0.15	0.30–0.60	0.040	0.040	0.50	2.0–2.5	0.87–1.13				515	310	20	30	156–207
A182 F5	0.15	0.30–0.60	0.030	0.030	0.50	4.0–6.0	0.44–0.65	≤0.50			485	275	20	35	143–217
A350 LF2	0.30	1.35	0.030	0.040	0.15–0.30	≤0.30	≤0.12	≤0.40	0.40	0.030	485–655	250	22	30	
A276 410	0.15	1.00	0.040	0.030	1.00	11.5–13.5					480	275	16	50	
A276 420	0.15	1.00	0.040	0.030	1.00	12.0–14.0								5	255
A276 321	0.08	2.00	0.045	0.030	1.00	17.0–19.0		9.0–12.0			515	205	30	40	
A320 L7	0.38–0.48	0.75–1.00	0.035	0.040	0.15–0.35	0.80–1.10	0.15–0.25				125	105	16	50	
A320 L7M	0.38–0.48	0.75–1.00	0.035	0.040	0.15–0.35	0.80–1.10	0.15–0.25				100	.80	16	50	235
A193 B7	0.37–0.49	0.65–1.10	0.035	0.040	0.15–0.35	0.75–1.20	0.15–0.25				860	720	16	50	
A193 B7M	0.37–0.49	0.65–1.10	0.035	0.040	0.15–.035	0.75–1.20	0.15–0.25				690	550	18	50	235
A193 B16	0.36–0.47	0.45–0.70	0.035	0.040	0.15–0.35	0.80–1.15	0.50–0.65			0.25–0.35	860	725	18	50	
A193 B8	0.08	2.00	0.045	0.030	1.00	18.0–20.0		8.0–10.5			515	205	30	50	223
A193 B8M	0.08	2.00	0.045	0.030	1.00	16.0–180	2.00–3.00	10.0–14.0			515	205	30	50	223
A194 2H	≥0.40	1.00	0.040	0.050	0.40										248–352
A194 7	0.37–0.49	0.65–1.10	0.040	0.040	0.15–0.35	0.75–1.20	0.15–0.25								159–237
A194 8	0.08	2.00	0.045	0.030	1.00	18.0–20.0		8.0–10.5							126–300
A194 8M	0.08	2.00	0.045	0.030	1.00	16.0–18.0	2.00–3.00	10.0–14.0							126–300

型号编制方法



1.填料动负载密封系统

Td	Fd
填料动负载系统	阀杆防冲出、倒密封带压换填料系统加填料动负载密封系统

2.蝶阀流向截断方式

Ds	Da
可任意流向截断介质的蝶阀（双向压）	只能单一流向截断介质的蝶阀（单向压）

3.蝶阀驱动方式

3	6	7	9
手动减速机驱动	气动装置驱动	液动装置驱动	电动装置驱动

4.蝶阀连接型式

4	6	7	8
法兰式	对焊式	对夹式	凸耳式

5.蝶阀结构型式

3
三偏心面密封结构型式蝶阀

6.密封面材料代号

H	Y	T	F	W
合金钢 HRC30-45度	司太立合金 HRC40-60度	碳化钨 HRC70度以上	氟塑料	本体材料

7.密封面结构形式

S	F
蝶板密封面与阀座均为全金属结构 密封面（全金属）	多层复合材料结构密封面（多层次）

8.蝶阀公称压力值

1、用MPa的10倍值表示
2、用磅级表示

9.阀体材料代号

阀体材料	碳钢	合金钢	铬镍钛钢	铬镍钼钛钢
代号	C	I	P	R

10.蝶阀公称通径

DN(mm)	inch	DN(mm)	inch	DN(mm)	inch
80	3	450	18	1600	64
100	4	500	20	1800	72
125	5	600	24	2000	80
150	6	700	28	2200	88
200	8	800	32	2400	96
250	10	900	36	2600	104
300	12	1000	40	2800	112
350	14	1200	48	3000	120
400	16	1400	56		

采用标准 Accepted standard

产品名称 Name	产品执行标准名称 The Product carries out the standard name	执行标准编号 Carry out the standard serial number	结论 Conclusion
蝶阀 Butterfly valve	对夹连接防腐蝶阀 Grip the butterly gate linking antisopsis face to face	Q/12 NK3321-2001	现行 Carry out now
蝶阀 Butterfly valve	碳素结构钢 Carbon steal	GB/T700-1988	现行 Carry out now
蝶阀 Butterfly valve	形状和位置公差为注公差值 The form and the location common difference are toannotate common difference value	GB1184-1996	现行 Carry out now
蝶阀 Butterfly valve	不锈钢棒 Stainless Steel	GB1220-1992	现行 Carry out now
蝶阀 Butterfly valve	通用阀门标志 Thevalye being applied or used unlversallyisindicated	GB/T12220-1989	现行 Carry out now
蝶阀 Butterfly valve	部分回转阀门驱动装置的连接 Part gyration valve driving device connection	GB/T12223-1989	现行 Carry out now
蝶阀 Butterfly valve	通用阀门灰铸铁件技术条件 Valve grey cast iron document requirement being appled or used universally	GB/T12226-1989	现行 Carry out now
蝶阀 Butterfly valve	通用阀门球墨铸铁件技术条件 Valee SG iron document requirement being applied or used universally	GB/T12227-1989	现行 Carry out now
蝶阀 Butterfly valve	通用阀门压力试验 Pressureteststhe valve being applied or used universally	GB/T13927-1992	现行 Carry out now
蝶阀 Butterfly valve	通用阀门供货要求 The valve supply of material being applied or used universally demanes	JB/T7928-1999	现行 Carry out now
蝶阀 Butterfly valve	模塑用聚四氟乙烯树脂 Fumble along mould use PTFE	HG/T2902-1997	现行 Carry out now

阀门金属材质、非金属材质、耐腐蚀耐温推荐表 Valve metal material quality, nonmetalloid material quality, corrosion prevention proof warm up recommend table

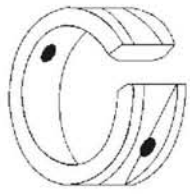
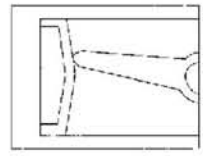
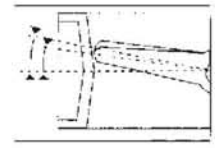
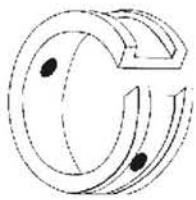
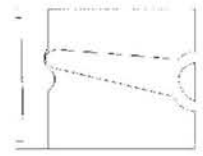
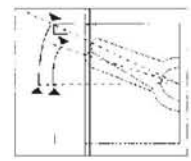
材质 Material		适用温度 Sutable temperature	介质类型及适用程度 The type reaches medium applying to degree													
			淡水 Fresh water	海水 sea-water	盐类 Salt	强碱 strong Alkali	弱碱 Weak Alkali	强酸 stong Acid	弱酸 Weak Acid	天然气 Natural Gas	醇类 Alcohol	空气 Air	蒸汽 Steam	油类 Oil	食品 Food	突出特点 Be outstanding Featere
阀座 Valve Seat	丁晴橡胶(NBR)X5	-23℃~93℃	A	A	A	B	A	D	B	A	C	A	D	A	B	耐油 Be able to bear Oil
	乙丙橡胶(EPOM)X3	-46℃~135℃	A	A	A	A	A	C	A	B	B	A	A	C	A	耐老化 Weatrher resistance
	耐热乙丙橡胶X9	-46℃~150℃	A	A	A	A	A	C	A	B	B	A	A	C	A	耐热、耐老化 Heat resisting Weatrher resistance
	天然橡胶(NR)X1	-20℃~85℃	A	A	A	A	A	C	B	D	C	A	B	B	B	高弹化 High bomb melt
	氯丁橡胶(CR)X4	-29℃~99℃	A	A	B	B	A	D	D	D	C	A	D	D	B	耐磨、耐老化 Worm、Weatrher resistance
	硅橡胶(SI)	-55℃~180℃	A	A	B	D	B	D	B	A	B	A	A	C	C	耐高温 High termperature
	氟橡胶(FPM)X7	-23℃~200℃	A	A	A	C	A	C	A	A	C	A	A	A	A	耐腐蚀、耐高温 Corrosion prevention, High termperature
	聚四氟乙烯(PTFE)F4	-20℃~180℃	A	A	A	A	A	A	A	A	A	A	A	A	A	耐所有化学介质腐蚀 Proof possession chemical mendiator erode
蝶板 Butterfly Board	球铁电镀 Plate with Ball Iron Electricity	-30℃~350℃	B	D	C	D	C	D	C	B	A	B	A	A	C	耐热 Heat resisting
	碳钢聚酰胺覆层(PA)	-30℃~100℃	A	A	A	A	A	D	A	A	C	A	A	A	A	耐腐蚀、耐碱性能佳 Corrosion prevention,alkaline resistance properties beautiful
	碳钢氯化聚醚覆层(PCR)	-30℃~140℃	A	A	A	A	A	A	A	A	A	A	C	A	A	耐腐蚀、耐碱性能佳 Corrosion prevention,alkaline resistance properties beautiful
	聚四氟乙烯(PTFE)	-20℃~180℃	A	A	A	A	A	A	A	A	A	A	A	A	A	耐所有化学介质腐蚀 Proof possession chemical mendiator erode
	氟塑碳钢覆层(PFA)	-20℃~180℃	A	A	A	A	A	B	A	A	A	A	A	A	A	耐腐蚀、耐高温 Corrosion prevention, High termperature
	不锈钢 Stainless Steel	-252℃~316℃	A	C	C	C	B	C	B	A	A	A	A	A	A	耐腐蚀、耐高温 Corrosion prevention, High termperature
	铝青铜 Aluminium Bronze	-212℃~232℃	A	C	C	D	C	D	C	A	A	A	A	A	C	耐热、耐一般腐蚀 Heat resisting, proof general corrosion
	钛金属 Titanium Metal	-196℃~550℃	A	A	A	A	A	C	B	A	A	A	A	A	B	耐腐蚀、耐高温 Corrosion prevention, High termperature

A：非常适用 B：适用 C：有限适用 D：不适用
A：Very Suitable B：Suitable C：Limited Suitable D：No Suitable

性能规范 Technical Data

公称通径 DN(mm) Nominal Diameter		50(2")~1000(40")	50(2")~800(32")
公称压力 PN(MPa) Nominal Pressore		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
适用温度℃ Working temperature		-15~+150	
适用介质 Suitable medium		淡水、污水、海水、空气、蒸气、食品、药品、各种油类、酸类、碱类、盐类等 Fresh water,Sewage,Sea Water,Air,Steam,Food,Medicine,Oils,Acids,etc.	

密封特点比较 Seal Construction & Features

"A"、"LT"型结构Type"A"、"LT"Construction	 阀板经过精加工处理，外径与板面尺寸的精度高允差范围小板缘是经过抛光处理的半球面，可减小操作力矩。 The discis precision machined to close tolerances on the O.D.and flats. Sealing edge is a polished half bait for torque contol.	 具有酚醛靠背的橡胶密封垫整体支承性能好、稳定牢固，既保证了支承力矩又不易变形。 By bonding the elastomet to a phenolic backing ring complete suppot and stability of the seat is assured. This guarantees positive control of seating torque while eliminating seat distortion.	 阀座与阀板的结构先进新颖，密封性能好阀座力矩小。结构可以避免阀座隆起和撕裂现象，延长阀座使用寿命。 The modem seat and disc design insuros positive sealing while maintaining lowseating torque The design extends seat life by eliminaflng any bunching or teaning.	 阀座橡胶用量少，减小了因橡胶膨胀而造成的不良影响，从而将扭矩控制在合理的角度范围内。 The seatdesign hasa much smaller mass of elastomer which can swell. in turntorqueis controlledtoa reasonabledegree	**阀门具有降低控制装置造价的特点：** ●阀杆轴与阀板缘加工精度高， ●组合式阀座防止变形，允差范围小. ●有效的阀杆密封 ●阀座的膨胀的潜在影响小， ●结构合理、扭矩限定在适当的范围内。 ●Precision machined disc edgeand shaB flats ●Bonded distortion proof seatclose tolerances ●Positive shaB seals ●Low potential of seat swell ●Controlled torque by design superiority.
传统结构 Traditioal Construceton	 传统的阀板是铸造成形经磨削加工而成的无法保证精确的尺寸。 The conventional disc isa casting which has been sa-nded to re-move rough are aprecise dimensions are not maintained torque.	 无加强结构的阀座在安装和关闭的过程中容易变形造成泄漏，增加启闭扭矩弊端。 The conventional nonreinforced seat design is subjecdo distortion during installation and closing A distorted seatcontributesto shaft leakage and high opening closingtorque.	 传统结构是靠阀座隆起来实现密封的缩短了使用寿命增加了维修费用和检修时间。 The conventional designrelies on distortion and bunching of the seat to achleve abubble tight shutof Seat lifeis be creased causing highermaintenance cost andincre-aseddowntime	 橡胶容易膨胀对液体有吸收作用增加了橡胶的体积常常导致阀座扭矩增加等不良现象．缩短了使用寿命。 Elastomers are subject to sweling of fluid absorptionwhich can increase the mass ortheseat This increase canand offer dose cause excessively high seatingtorque.Seatlife isshortened.	**增加控制装置造价的因素：** ●阀板尺寸精度无法保证； ●安装与工作时阀座变形； ●阀座寿命短； ●隆起与膨胀造成扭矩增大。 ●Non-precision disc dimensions ●Seat distorts during installation and operation ●Shorter seat life. ●Higher torqre due to bunching and potential swelling.

特点 Features



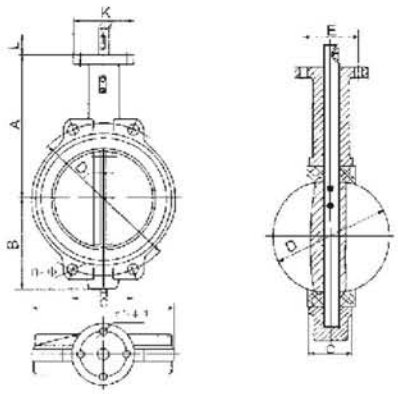
1、小型轻便，容易拆装及维修，并可在任意位置安装。
2、结构简单，紧凑，90°回转启闭迅速。
3、操作扭矩小，省力轻巧。
4、流量特性趋于直线，调节性能好。
5、启闭试验次数多达数万次. 寿命长.
6、达到完全密封，气体试验泄漏为零。
7、选择不同零部件材质，可适用多种介质。

1、Small in size and light in weight. Easy instllation and mintenance.
It can be mounted wherever nedded.
2、Siple and compact construction, quick 90 degrees on-off operation.
3、Miniminzed operating torque, energy saving.
4、Flow curve tendina to straightline.Excellent regulation performance.
5、Long service life.Standing the test of tens of thousands opening/closing operations.
6、Bubbles-tight sealing with no leakage under the pressure test.
7、Wide selection of materials applicable for various mdeium.

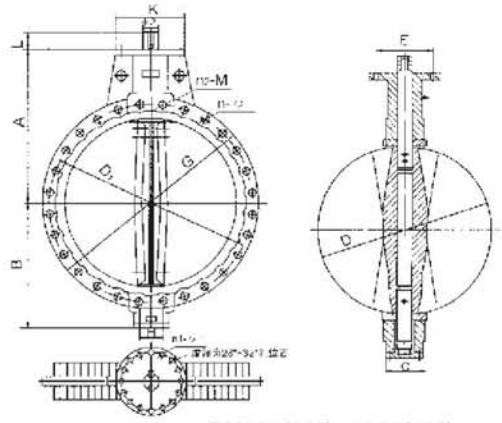
主要零部件材料 Meteral of Main Parts

阀体 Body		阀板 Disc		转轴 Stem	衬套 Bushing	阀 座 Seat		
材料名称 Name	代号 Code	材料名称 Name	代号 Code	材料名称 Name	材料名称 Name	材料名称 Name	代号 Code	适用温度℃ Working Temp
灰铸铁 Cast Lron	Z	电镀球墨铸铁 Plated Ductile Iron	B1			天然胶 NR	X1	-20~+85℃
球墨铸铁 Ductile Lron	Q	铝青铜 Aluminum Bronze	B2			海帕伦 Hypalon	X2	-23~+121℃
铝青铜 Aluminum Bronzd	T	ZG1Cr18Ni9Ti 不锈钢 Stainless Steel	B3	不锈钢 Stainless Steel	润滑青铜 Lubrized Bronze	乙丙橡胶 EPDM	X3	-23~+121℃
ZG1Cr18Ni9Ti 不锈钢 Stainless Steel	P	钛钢 Titanium Steel	B4	碳钢 Carbon Steel	聚四氟乙烯 PTFE	氯丁橡胶 Neoprene	X4	-7~+93℃
CF8M不锈钢 Stainless Steel	R	CF8M不锈钢 Stainless Steel	B5			丁腈橡胶 NBR	X5	-23~+100℃
碳钢 Carbon Steel	C	碳钢 Carbon Steel	B6			耐磨橡胶 Wear-resistant Rubber	X6	-10~+100℃
		CF8M不锈钢 Stainless Steel	B7			氟橡胶 VITON	X7	-23~+200℃
						耐热乙丙橡胶 Hear-resistant Rubber	X9	-23~+135℃
						聚四氟乙烯 PTFE	F4	+10~150℃

"A"型蝶阀外型尺寸，连接尺寸和重量
Overall & Connection Dimensions & Weight of Type"A"Butterfly Valve



DN50(2")~600(24")



DN700(28")~1000(40")

公称通径 Nominal diameter DN		尺寸 Size (mm)														重量 Weight (kg)
		A	B	C	D	L	H	D1	n-φ	K	E	n1-φ1	φ2	G	n2-M	
(mm)	(inch)	D7A1/37A1/67A1/97A1X-1.0/1.6														
50	2"	161	80	42	52.9	32	84.84	120	4-23	77	57.15	4-6.7	12.6	118	-	2.5
65	2.5"	175	89	44.7	64.5	32	96.2	136.2	4-26.5	77	57.15	4-6.7	12.6	137	-	3.2
80	3"	181	95	45.2	78.8	32	61.23	160	8-18	77	57.15	4-6.7	12.6	143	-	3.6
100	4"	200	114	52.1	104	32	70.80	185	4-24.5	92	69.85	4-10.3	15.77	156	-	4.9
125	5"	213	127	54.4	123.3	32	82.28	215	4-23	92	69.85	4-10.3	18.92	190	-	7
150	6"	226	139	55.8	155.6	32	91.08	238	4-25	92	69.85	4-10.3	18.92	212	-	7.8
200	8"	260	175	60.6	202.5	45	112.89 76.35	295	4-25 4-23	115	88.9	4-14.3	22.1	268	-	13.2
250	10"	292	203	65.6	250.5	45	92.40	357	4-29	115	88.9	4-14.3	28.45	325	-	19.2
300	12"	337	242	76.9	301.6	45	105.34	407	4-29	140	107.95	4-14.3	31.6	403	-	32.5
350	14"	368	267	76.5	333.3	45	91.11	467	4-30	140	107.95	4-14.3	31.6	436	-	41.3
400	16"	400	309	86.5	389.6	51.2 72	100.47 102.42	515 525	4-26 4-30	197	158.75	4-20.6	33.15	488	-	61
450	18"	422	328	105.6	440.51	51.2 72	88.39 91.51	565 585	4-26 4-30	197	158.75	4-20.6	38	539	-	79
500	20"	480	361	131.8	491.6	64.2 82	96.99 101.68	620 650	4-26 4-33	197	158.75	4-20.6	41.15	593	-	128
600	24"	562	459	152	592.5	70.2 82	113.68 120.46	725 770	20-30 20-36	276	215.9	4-22.2	50.65	816	-	188
700	26"	624	520	163	695	66 82	109.65	840	24-30 20-36	300	254	8-18		895	4-M33	284
800	32"	672	591	188	794.8	66 82	124	950	24-33 24-39	300	254	8-18		1015	-	368
900	36"	720	656	203	864.7	118	117.57	1050	24-33	300	254	8-18	75	1115	4-M30	713
1000	40"	800	721	216	965	142	129.89	1160	24-36	300	254	8-18	85	1230	4-M33	864

注Note：

DN50(2")~800(32") "A" 型蝶阀分别适用于PN1.0/PN1.6MPa二种压力级，表中每格有两个尺寸的分别表示PN1.0/PN1.6MPa二种压力级连接尺寸。与阀门连接的管法兰连接尺寸参照法兰连接尺寸表。蝶阀上法兰可通用于手动、蜗轮蜗杆传动、电动、气动等。

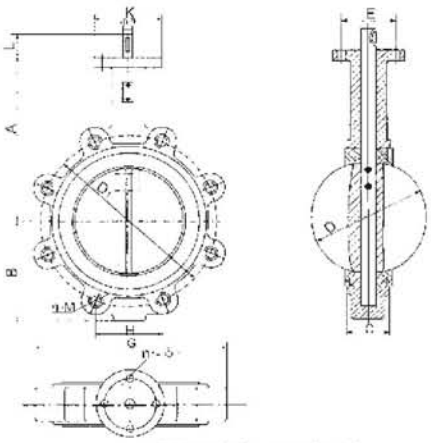
表中DN50(2")-500(20")中D1和D1和n-φ尺寸为蝶阀本身安装定位尺寸，其中DN50(2")4350(14")的Dl和n-φ尺寸包括GB9112-88. DIN2501(德国)，BS4504(英国)，IS02084，IS02531(国际标准)，BS10-E(英国)，ANSI1259(美国)等法兰连接标准。DN400(16")~500(20")包括GB9112-88、DIN2501，IS02084，BS4504法兰连接标准。

DN50(2")~800(32")Type"A"butterfly valves are sutable for the pressure of PN1.0MPa and PN1.6MPa grade separately. Two dimensions in one column show the connection dimensions of PN1.0/PN1.6MPa pressure grade. For the connction dimensions of pipe flanges mounted to the valves please rcfertothe Connection Dimensions of Flanges Table. The upper tlanges ofthe valves are suitable all types of valves fitted with eletric. wor-mgear, manual pneumatic amd actuators.

The dimensions D1 and n-φ of DN50(2")~500(20") listed in above table show the installation dimensions of butteroy valve of them them dim-ensions D1 and n—φof DN50(2")~350(14") containthe standard of GB9112-88，DIN2501(Germeny), BS4504(UK)IS02084, IS0253l(Intcmational standard)BSl0-E(UK) ANS11251USA)for flange connection andDN400(16")~500(20") containthe standard of GB9112-88.DIN250t,ISO2084 and Bs4504.

"LT"型蝶阀外型尺寸，连接尺寸和重量
Overall & Connection Dimensions & Weight of Type"LT"Butterfly Valve





DN50(2")~600(24")

公称通径 Nominal diameter DN		尺寸 Size (mm)													重量 Weight (kg)
		A	B	C	D	L	H	D1	n-φ	K	E	n1-φ1	φ2	G	
(mm)	(inch)	LTD71/371/671/971X-1.0/1.6													
50	2"	161	80	42	52.9	32	88.39	125	4-M16	77	57.15	4-6.7	12.6	118	3.8
65	2.5"	175	89	44.7	64.5	32	102.54	145	4-M16	77	57.15	4-6.7	12.6	137	4.2
80	3"	181	95	45.2	78.8	32	61.23	160	8-M16	77	57.15	4-6.7	12.6	189	4.7
100	4"	200	114	52.1	104	32	68.88	180	8-M16	92	69.85	4-10.3	15.77	206	9.0
125	5"	213	127	54.4	123.3	32	80.36	210	8-M16	92	69.85	4-10.3	18.92	238	10.9
150	6"	226	139	55.8	155.6	32	91.84	240	8-M20	92	69.85	4-10.3	18.92	266	14.2
200	8"	260	175	60.6	202.5	45	112.89 76.35	295	8M20 12-M24	115	88.9	4-14.3	22.1	329	18.2
250	10"	292	203	65.6	250.5	45	90.59 91.88	350 355	12-M20 12-M24	115	88.9	4-14.3	28.45	393	26.8
300	12"	337	242	76.9	301.6	45	103.52 106.12	400 410	12-M20 12-M24	140	107.95	4-14.3	31.6	462	40
350	14"	368	267	76.5	333.3	45	89.74 91.69	460 470	16-M20 16-M24	140	107.95	4-14.3	31.6	515	56
400	16"	400	309	86.5	389.6	51.2 72	100.48 102.42	515 525	16-M24 16-M27	197	158.75	4-20.6	33.15	579	96
450	18"	422	328	105.6	440.51	51.2 72	88.38 91.51	565 585	20-M24 20-M27	197	158.75	4-20.6	38	627	122
500	20"	480	361	131.8	491.6	64.2 82	96.99 101.68	620 650	20-M24 20-M30	197	158.75	4-20.6	41.15	696	202
600	24"	562	459	152	592.5	70.2 82	113.42 120.46	725 770	20-M27 20-M33	276	215.9	4-22.2	50.65	821	270

注Note：

DN50(2")~600(24") "LT" 型蝶阀分别适用于PN1.O/PN1.6MPa二种压力级，表中每格有两个尺寸的分别表示PNI.0/PNI.6MPa二种压力级连接尺寸。与阀门连接的管法兰连接尺寸参照法兰连接尺寸表。蝶阀上法兰可通用于手动、蜗轮蜗杆传动、电动、气动等传动装置。

"LT" 型蝶阀的结构、性能、零件的材质与 "A" 型均相同，区别在于 "A" 型可通过双头螺栓(或加长六角螺栓)对夹连接在两管法兰之间(即对夹式)。"LT" 型除通过两普通六角螺栓连接在两管路之间外，还可以安装在管端(即单夹式)作为排空阀使用，但需在订货合同中注明管端使用。

DN50(2")~600(24")Type"LT"butterfly valve are sultable for the pressure grades of PN1.0MPa and PN1.6MPa separately Two dimensions in one column how two connection dimnensions of PN1.0/PN 1.6MPa pressure grade for the connection dimensions of pipe flaligns mounted to the valve. Please refer to the Connection Dimensions of flanges Table. The upper flanges of the butterlly valves accommodates all types of operators: manual, wormgeal, electric and pniumatic actuators.

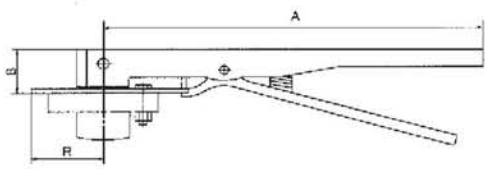
Difference between Type"A"and"LT": Both Type"A"and"LT"have the same constmcdon andpertormances and are made and of the some materials. The main difference between them is that type"A" valves are mounted between pipe flanges (wafe type) by bolls(or exlendcd hexagonbead bolls), while type"LT" can be eilher mounted belweentwo pipes by ordinary hexagon head bolts or mourned n the pipe end (lugged-type). As the valveis used at the end of pipe line. it is necessary to indicate
in order.

以上两种形式由用户在订货合同中注明。

A bore two kinds of versions are given clear indication of by userin the order contFact.

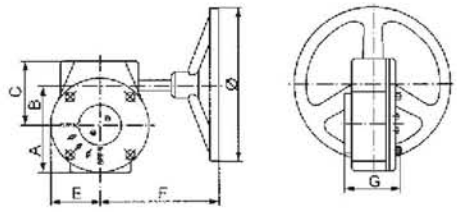
法兰连接尺寸符合G4216，DIN2501，BS4504，BSI0-E，JISB2220，AS2129，ANSI B16、1等标准，须用户在合同中注明。

Theflange links the size and fits the standards such asGB4216, DIN2501, BS4504, BS10-E, JISB2220, AS2129, ANSI B16.1 etc, and must give clear indication of in the contract user.



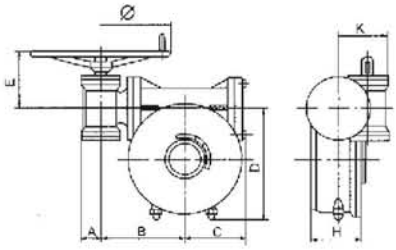
手柄传动装置外形尺寸及重量
Overall Dimensions & Weight of Manual Actuator

适用蝶阀口径(mm) Size mm	A	B	R	重量 Weight (kg)
50~100	266.7	32	51	0.5
125~150	345	32	51	0.8
200~300	353	45	76.5	1.3



蜗轮蜗杆传动装置外形尺寸及重量
Overall Dimensions & Weight of Wormgear Actuator

型号 Type	适用蝶阀口径 (mm) Size mm	A	B	C	E	F	G	重量 Weight (kg)
3D-15	50~150	52	45	74	52	152.5	75	5.2
3D-50	200~250	75	62.75	101	75	250	86	13
3D-120	300~350	81	80	118	81	227	83	15

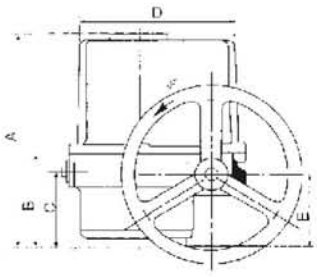


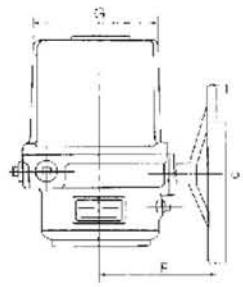
蜗轮蜗杆二级传动装置外形尺寸及重量
Overall Dimensions & Weight of Double-stage Wormgear Actuator

型号 Type	适用蝶阀口径 (mm) Size mm	A	B	C	D	E	ϕ	H	K	重量 Weight (kg)
3D-30/250	400~450	57	178	121	220	174	300	125	112	30
3D-30/400	500~600	57	221	142	274	174	300	145	112	72
3D-60/800	700~800	67	244	183	351	165	400	157	143	133

DN50~350蝶阀电动装置外形尺寸及重量
Performance Data, Overall Dimensions & Weight of Electric Actuator of Series"DN50-350"

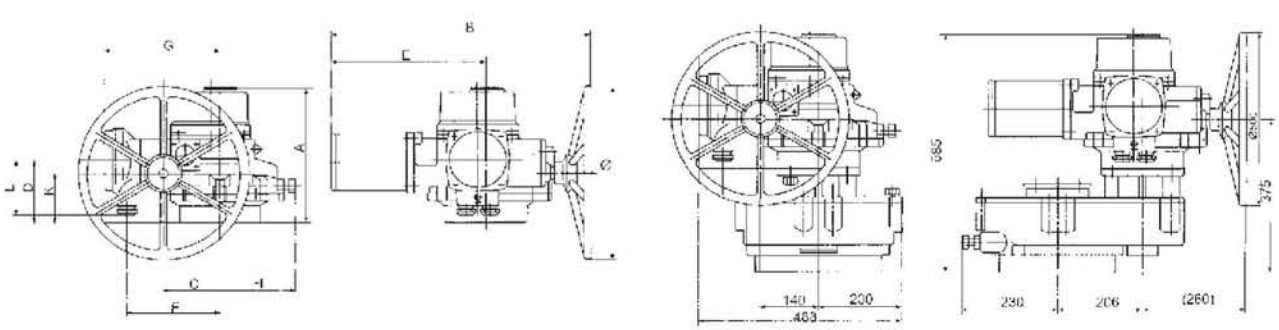
型号 Type	LQ5-1	LQ10-1	LQ20-1	LQ40-1	LQ80-1
适用蝶阀口径mm Apply to thr butterfly valve caliber(mm)	50~80	100	125~150	200	250~300
最大输出转矩N.m The maximum exports revolution regulation N.m	50	100	200	400	800
输出转速r/min Export rotation rate r/min	1	1	1	1	1
电机功率km Electric motor power kw	0.016	0.025	0.06	0.09	0.18
90° 启闭时间t 90° Start and stop time t	15	15	15	15	15
A	258	258	258	325	325
B	109	109	109	163	163
C	76	76	76	110	110
D	162	162	162	235	235
E	80	80	80	100	100
F	125	125	125	165	165
G	187	187	187	205	205
d	185	185	185	280	280
重量Weight (kg)	15	15	15	35	35





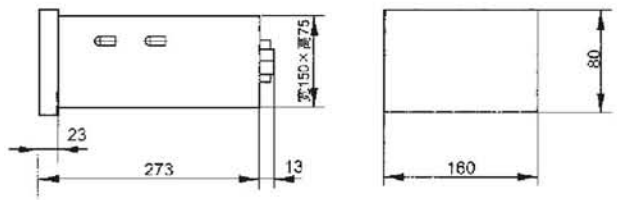
型号 Type	LQ5-1	LQ10-1	LQ20-1	LQ40-1	LQ80-1
适用蝶阀规格Size mm (inch)	50(2")~80(3")	100(4")	125(5")~150(6")	200(8")	250(10")~300(12")
最大输出转矩(N.m)Max.Output Torque	50	100	200	400	800
输出转速(r/min)Output Speed	1	1	1	1	1
电机功率(W) Motor power	16	16	60	90	18
90° 启闭时间(S) Time for 90° Turning	15	15	15	15	15
A	258	258	258	325	325
B	143	143	143	171	171
C	68	68	68	100	100
D	162	162	162	235	235
E	80	80	80	100	100
F	125	125	125	165	165
G	187	187	187	205	205
d	185	185	185	280	280
重量Weight (kg)	17	17	17	35	35

802系列电动装置性能参数外型 尺寸及重量
Performance Data, Overall Dimensions & Weight of Series 802 Electric Actuator

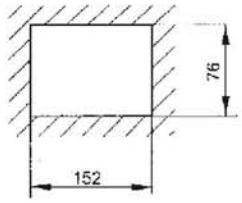


型号 Type	适用蝶阀规格 Size mm (inch)		最大输出转矩 (N.m) Max. Output Torque	输出转速 (r/min) Output Speed	电机功率 (W) Motor power	90° 旋转时间 Time for 90° Turning	A	B	C	D	E	F	G	H	L	K	ϕ	重量 Weight (kg)
	PN1.0	PN1.6																
802.10-1	50(2")~100(4")	50(2")~100(4")	100	1	25	15	250	420	79	82	253	156	213	110	132	62	220	22
801.20-1	125(5")~150(6")	125(5")~150(6")	200	1	45	15												
802.60-1	200(8")~300(12")	200(8")~250(10")	600	1	180	15	287	552	110	101	330	196	254	156	134	86	360	42
802.150-0.5	350(14")~450(18")	300(12")~350(14")	1500	0.5	370	30												
802.250-1	50(20")	400(16")~450(18")	2500	1	750	15	330	625	140	152	365	230	288	185	134	120	500	90
802.500-0.5	600(24")	500(20")~600(24")	5000	0.5	750	30												
802.1000-0.2	700(28")~800(32")	700(28")~800(32")	10000	0.2	1100	75	具体尺寸请看802.1000-0.2外型图 The dimensions refer ti 802.1000-0.2 outline sketch.											

802、“LQ”系列电动装置控制器外形尺寸
Sketch Of Electric System Controller of Series 802、“LQ”

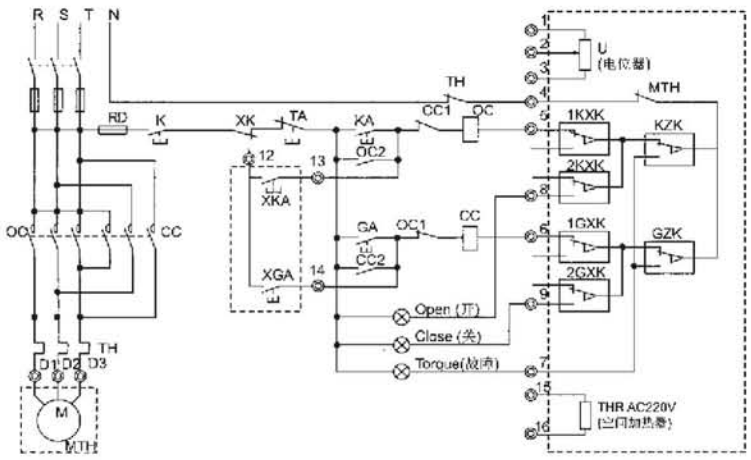


BFA型控制器外形尺寸
BFAType controller exterior dimension



BFA型控制器开孔尺寸
BFAType controller Kaikong dimension

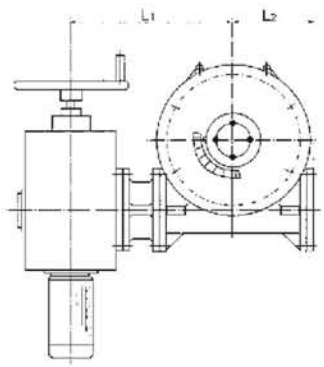
802、“LQ”系列电动装置电气原理图
Sketch of Electric System of Series 802、“LQ”

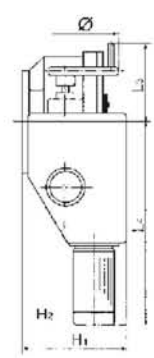


注：
1、图中虚线框中的元件在主机上。
2、KXK、GXK分别为开向、关向的行程限位开关，KZK、GZK分别为开向、关向的转矩开关。
3、XKA、xGA分别为现场开向、关向的点动按钮(该按扭为用户选购的附件)。

Nore：
1、Pursue component in being hit by the dotted line frame on the lead plane
2、The route or distance of travel that KXK, GXK facc respectively for coming untied to the pass, is pesillon-limit The switch, KZK, GZK are to come untied to the pass switch to revolution regmlation respectively.
3、The person scen opens XKA, XGA respectlveiy moving to the point thai the pass faces，Button(owe a button the a ccessories being that the consumer picks out and buys).

Z60-3D1500电动装置性能参数外型尺寸及重量
Electric Z60-3D1500 device function parameter exterior dimension and weigh

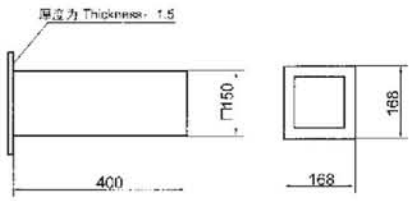




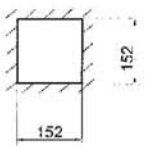
注：Z60-D1500型传动装置仅适于户内适用，不具备户外及防爆功能。
Note：The Z60-3D1500 type actuator is suitable for indoor usage only, does not have the function preventiong explosion outdoors.

型号 Type	适用蝶阀规格 mm (inch) Apply to the butterfly valvecaliber mm(inch)	最大输出力矩N.m The maximum exports revolution regulation N.m	输出转速 r/min Export rotation rate r/min	电机功率 km Electric motor power kw	90° 旋转时间 Time for 90° Turning	L1	L2	L3	L4	H1	H2	ϕ	重量 Weight (kg)
ZA60-3D1500	900(36")~1000(40")	15000	0.8	1100	12	354	193	394	467	408	138	305	254

Z60-3D1500电动装置控制器外形尺寸
Sketch Of Electric System Controller of Series Z60-3D1500

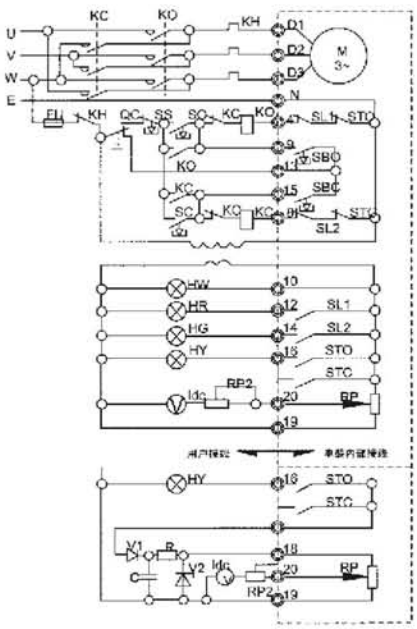


DFK型控制器外型尺寸
BFK Type controller exterior dimension



DFK型控制器开孔尺寸
BFK Type controller Kaikong dimension

Z60-3D1500电动装置电气原理图
Sketch Of Electric System of Series Z60-3D1500



注：

1、双点划线内各元件均在主机内。

2、图示为阀门在开、关之间位置，开关QC在现场位置。

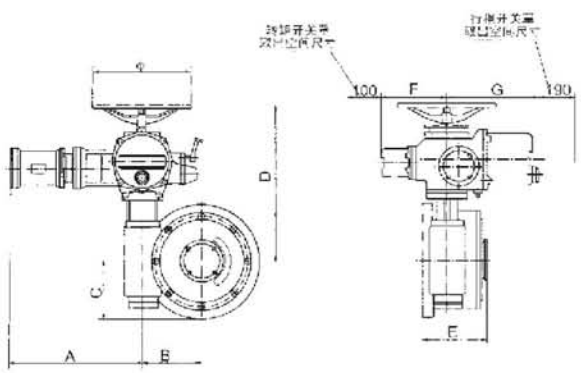
3、STO、STC正常工作时是受压状态。

4、图下部分为稳压系统，用户如采用．订货时请说明。

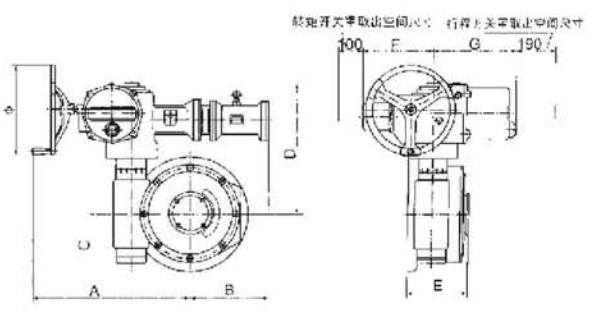
Note:

1. Within two chain line, every component is in the lead plane inner without exception.
2. Picture is shown for the valve between coming untied, closing location, switch QC is in scene position.
3. STO, STC are to accept pressure stste time regular job.
4. The lower part of picture is stabillvolt if system, consumer adopt explanaion, inviting when ordering goods.

SMC/HBC 电动装置性能参数外型尺寸及重量
Electric SMC/HBC device function parameter exterior dimension and weigh



SMC-03/HBC
SMC-04/HBC

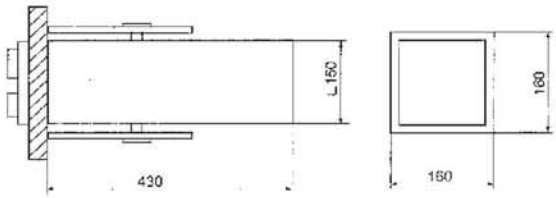


SMC-00/HBC
SMC-0/HBC

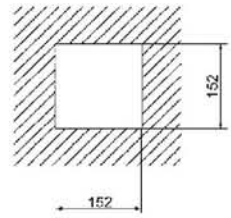
型号 Type	适用蝶阀规格 Size mm (inch)		最大输出力矩N.m The maximum exports revolution regulation N.m	输出转速 (r/min) Export rotation rate r/min	电机功率 (W) Electric motor power kw	90° 旋转时间 (s)Time for 90° Turning	A	B	C	D	E	F	G	ϕ	H*	重量 Weight (kg)
	PN1.0MPa	PN1.6MPa														
SMC-04/H0BC	200(8")~250(10")	200(8")~250(10")	580	0.5	300	30	243	64	121	422	160	185	328	508	90	74
SMC-03/H1BC	300(12")~450(16")	300(12")~450(16")	1760	0.5	600	30	470	89	145	491	188	202	369	508	35	120
SMC-03/H2BC	500(20")~600(24")	500(20")	2990	0.5	600	30	470	108	172	504	202	202	369	508	45	140
SMC-00/H3BC	700(28")~800(32")	600(24")	7650	0.5	1100	30	552	408	203	497	230	251	364	305	45	220
SMC-0/H4BC	900(36")~1000(40")	700(28")~800(32")	17300	0.4	1500	37.5	667	373	238	568	262	273	369	305	45	300

注：SMC/HBC 电动装置可用于户外，并有防爆型，控制器型号为LFK型。*H: SMC/HBC电动装置与对夹式蝶阀连接用接盘高度。
Note：The electric device of SMC/HBC may be used to have the type preventing explosion together outdoors，the controller type is a LFK type.
*H: Electric device of SMC/HBC and the altitude linking up to gripping the dyadic butterfly gate with receiving a set.

SMC/HBC 电动装置控制器外型尺寸及端子接线图
SMC/HBC electrically operated installment controller outlook size and Termial wiring diagram



LFK 型控制器外型尺寸
LFK type controller exterior dimension

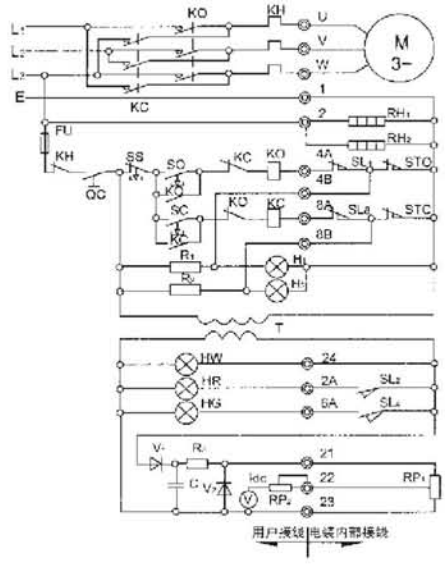


LFK 型控制器开孔尺寸
LFK type controller Kaikong dimension

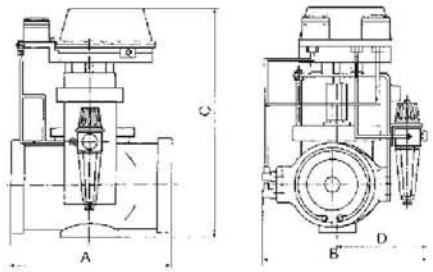
D3	D2	D1				N	C	B	A
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
	23	22	21	6A	2A	8B	8A	4B	4A

控制器端子接线图
In chart in dashed line frame part on main engine.

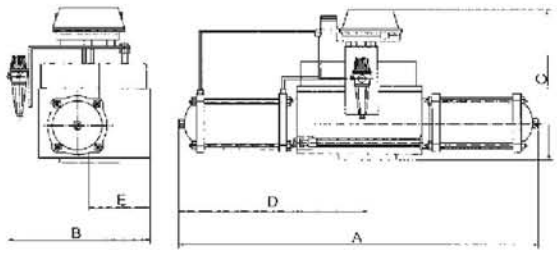
SMC/HBC 电动装置电器原理图
Electric SMC/HBC device electrical equipment principle picture



“QZ”系列气动装置性能参数，外型尺寸及重量
Pneumatic “QZ” series device Technical data，Overall & Connection Dimensions & Weight



QZ5~15外型图 Outline drawing



QZ45~500外型图 Outline drawing

性能参数 Technical data

型号 Type		适用蝶阀规格mm (inch) Size mm (inch) PN1.0MPa	适用蝶阀规格mm (inch) Size mm (inch) PN1.6MPa	气缸进气孔 Air cylinder air intake	电磁阀进气孔 Electromagnetic valve air intake	电气定位器进气孔 Electricity locator air intake	进气孔尺寸 Air intake dimension	最大输出转矩N.m The maximum exports revolution regulation	输出转角 (r/min) Output corner	气源压力 (Mpa) Pressure
QZ5	启闭Start and stop	50(2")~80(3")	50(2")~80(3")	2-M10深Depths10	G1/4"	M10x1 深Depths 10	G1/4"	50	90° ±2°	0.5
	调节Measure				–					
QZ15	启闭Start and stop	100(4")~150(6")	100(4")~150(6")	2-M10深Depths10	G1/4"		G1/4"	150	90° ±2°	0.5
	调节Measure				–					
QZ45	启闭Start and stop	200(8")~250(10")	200(8")~250(10")	2-M12深Depths15	G1/4"		G1/4"	450	90° ±2°	0.5
	调节Measure			2-M10深Depths15	–					
QZ85	启闭Start and stop	300(12")~350(14")	300(12")	2-M12深Depths15	G1/4"		G1/4"	850	90° ±2°	0.5
	调节Measure			2-M10深Depths15	–					
QZ150	启闭Start and stop	400(16")~450(18")	400(14")~450(16")	2-M14深Depths15	G3/8"		G1/4"	1500	90° ±2°	0.5
	调节Measure			2-M10深Depths15	–					
QZ200	启闭Start and stop	–	450(18")	2-M14深Depths15	G3/8"		G1/4"	2000	90° ±2°	0.5
	调节Measure			2-M10深Depths15	–					
QZ300	启闭Start and stop	500(20")~600(24")	500(20")	2-M14深Depths15	G3/8"		G1/4"	3000	90° ±2°	0.5
	调节Measure			2-M10深Depths15	–					
QZ500	启闭Start and stop	700(28")~800(32")	600(24")	2-M14深Depths15	G1/2"		G1/2"	5000	90° ±2°	0.5
	调节Measure			2-M10深Depths15	–		G1/4"			

外型尺寸及重量Overall & Connection Dimensions & Weight

型号 Type		A	B	C	D	E	重量 Weight (kg)
QZ5	启闭Start and stop	235	295	180	130	–	8
	调节Measure	320	265	320			
QZ15	启闭Start and stop	250	325	205	170	–	15
	调节Measure	320	290	345			
QZ45	启闭Start and stop	610	280	380	410	80	35
	调节Measure	610	280	400			
QZ85	启闭Start and stop	610	305	395	420	110	37
	调节Measure	610	305	400			
QZ150	启闭Start and stop	765	335	435	500	110	68
	调节Measure	765	345	400			
QZ200	启闭Start and stop	765	335	455	500	110	72
	调节Measure	765	345	400			
QZ300	启闭Start and stop	870	405	460	600	150	95
	调节Measure	87	415	400			
QZ500	启闭Start and stop	1230	630	450	640	175	140
	调节Measure	1230	430	400			

注：QZ500为双缸，其余规格均为单缸。气动装置可配电磁阀，过滤减压阀及阀位反馈信号装置，并设有防护罩，但只用于户内电磁阀可选用220V交流电源，或24V直流电源。以上各项要求，均须在订货合同中注明。

Note：QZS00 is pair of jars, the others specification is a single cylinder without exception. But the pnrumatic device may match electromagnetic valve, the fliteration compression release valve and the valve plan couple back the signal device, set up and having a protective casing, be used for indoor electromagnetic valve but be selected and used 220 V alternating cllrrent power sources, or 24V direct-current power source. All above various request, equal beard are given clear indication of in the contact ordering goods

PN1.0MPa"A", "LT"型对夹式蝶阀法兰尺寸及安装尺寸表(见图一)
Flange £ Installation Dimensions of Grade PN1.0MPa Type "A""LT" Wafer Butterfly Valve

表一 Table1

公称通径 Nominal diameter DN	(mm)	DN	50	65	80	100	125	150	200	250	300	350	400	450	500	600	700	800	900	1000
	(inch)		2"	2.5"	3""	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"	24"	28"	32"	36"	40"
管子外径 Outer Diameter of Pipe		d0	57	73	89	108	133	159	219	273	325	377	426	478	529	630	720	820	920	1020
法兰外径 Outer of Ceter Circle		D	165	185	200	220	250	285	340	395	445	505	565	615	670	780	895	1015	1115	1230
中心圆直径 Diameter of Center Circle		D1	125	145	160	180	210	240	295	350	400	460	515	565	620	725	840	950	1050	1060
凸出部分直径 Diameter of Projecting Part		D2	102	122	133	158	184	212	268	320	370	430	482	532	585	685	800	905	1005	1110
法兰内孔直径 Inner Diameter of Flange		D3*	59	75	91	110	135	161	221	275	327	379	429	481	532	633	723	823	923	1023
法兰内凸圆孔直径 Diameter of Projecting Hole of Flange		D4	50	65	80	100	125	150	208	255	308	340	405	455	505	605	705	810	910	1000
法兰凸圆厚度 Thickness of Projecting Part of Flange		H*	4	4	4	4	4	4	5	6	6	7	7	8	8	8	9	9	9	9
凸出部分高度 Height of Projecting Part		f	3	3	3	3	3	3	3	3	4	4	4	4	4	5	5	5	5	5
法兰螺孔数量孔径 Number £ Dimeter of Bolt Holes		n-d	4-ϕ 17.5	4-ϕ 17.5	8-ϕ 17.5	8-ϕ 17.5	8-ϕ 17.5	8-ϕ 22	8-ϕ 22	12-ϕ 22	12-ϕ 22	16-ϕ 22	16-ϕ 26	20-ϕ 26	20-ϕ 26	20-ϕ 30	24-ϕ 30	24-ϕ 33	28-ϕ 33	28-ϕ 36
法兰厚度 Flange Thickness		b*	22	24	24	26	28	28	30	32	32	34	38	42	48	50	52	54	56	58
蝶板凸弦尺寸 Chord Dimension of Protruding Part of Disc		D5	32	46	64	86	111	135	192	242	292	322	380	428	428	527	675	770	840	940
阀座外径 Outer Diameter of Seat		D6	76.3	89	103.9	135	159	188.4	238.2	92.4	344	375	438	489	489	654	744	850	947	1053
阀体外径 Outer Diameter of Body		D7	89	108	120	150	181	208	260	320	375	405	470	521	565	693	800	906	1015	1123
安装后蝶阀结构长 Face to Face Dimension of the Valve When Mounted		B	42	44.7	45.2	52.1	54.4	55.8	60.6	65.6	76.9	76.5	86.5	105.6	131.8	152	163	188	203	216
焊缝宽度 Width of Seam		S*	4	5	5	5	5	6	6	6	6	7	7	7	7	7	8	8	8	8
焊角高度 Height of Seam		K*	4	5	5	5	5	5	7	9	9	10	10	10	10	10	11	11	11	11
管壁最小厚度 Min. Thickness of Pipe		S0*	3.5	4	4	4	4	4.5	6	8	8	9	9	9	9	9	10	10	10	10
阀座凸出厚度 Projecting Dimension of Seat		T	1.5	1.5	2.0	1.3	1.75	1.4	1.4	2.2	1.5	1.5	1.75	1.7	1.6	2.0	3.0	3.5	4	4

注：星号（*）尺寸为参考尺寸，也可以由选阀设计人员自定。各国法兰尺寸的对照见图二及对照表。
Note: The dimensions with asterisks"*" are for reference only. Which can be specified by customers. The flange dimensions adopted by different contries are shown in Fig.2.and comprison table.

PN1.6MPa"A", "LT"型对夹式蝶阀法兰尺寸及安装尺寸表(见图一)
Flange £ Installation Dimensions of Grade PN1.6MPa Type "A""LT" Wafer Butterfly Valve

表二 Table2

公称通径 Nominal diameter DN	(mm)	DN	50	65	80	100	125	150	200	250	300	350	400	450	500	600	700	800
	(inch)		2"	2.5"	3""	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"	24"	28"	32"
管子外径 Outer Diameter of Pipe		d0	57	73	89	108	133	159	219	273	325	377	426	478	529	630	720	820
法兰外径 Outer of Ceter Circle		D	165	185	200	220	250	285	340	405	460	520	580	640	715	840	910	1025
中心圆直径 Diameter of Center Circle		D1	125	145	160	180	210	240	295	355	410	470	525	585	650	770	840	950
凸出部分直径 Diameter of Projecting Part		D2	102	122	133	158	184	212	268	320	370	430	482	532	585	685	800	905
法兰内孔直径 Inner Diameter of Flange		D3*	59	75	91	110	135	161	221	275	327	379	429	481	532	633	723	823
法兰内凸圆孔直径 Diameter of Projecting Hole of Flange		D4	50	65	80	100	125	150	208	255	308	340	405	455	505	605	705	810
法兰凸圆厚度 Thickness of Projecting Part of Flange		H*	4	4	4	4	4	4	5	6	6	7	7	8	8	8	9	9
凸出部分高度 Height of Projecting Part		f	3	3	3	3	3	3	3	3	4	4	4	4	4	5	5	5
法兰螺孔数量孔径 Number £ Dimeter of Bolt Holes		n-d	4-ϕ 17.5	4-ϕ 17.5	8-ϕ 17.5	8-ϕ 17.5	8-ϕ 17.5	8-ϕ 22	8-ϕ 22	12-ϕ 26	12-ϕ 26	16-ϕ 26	16-ϕ 30	20-ϕ 30	20-ϕ 33	20-ϕ 36	24-ϕ 36	24-ϕ 39
法兰厚度 Flange Thickness		b*	22	24	24	26	28	28	30	32	32	34	38	42	42	50	52	54
蝶板凸弦尺寸 Chord Dimension of Protruding Part of Disc		D5	32	46	64	86	111	135	192	242	292	322	380	428	428	527	675	770
阀座外径 Outer Diameter of Seat		D6	76.3	89	103.9	135	159	188.4	238.2	292.4	344	375.4	439.2	489	489	654.7	744	850
阀体外径 Outer Diameter of Body		D7	89	108	120	150	181	208	260	320	375	405	470	521	521	693	800	906
安装后蝶阀结构长 Face to Face Dimension of the Valve When Mounted		B	42	44.7	45.2	52.1	54.4	55.8	60.6	65.6	76.9	76.5	86.5	105.6	105.6	152	163	188
焊缝宽度 Width of Seam		S*	4	5	5	5	5	6	6	6	6	7	7	7	7	7	8	8
焊角高度 Height of Seam		K*	4	5	5	5	5	5	7	9	9	10	10	10	10	10	11	11
管壁最小厚度 Min. Thickness of Pipe		S0*	3.5	4	4	4	4	4.5	6	8	8	9	9	9	9	9	10	10
阀座凸出厚度 Projecting Dimension of Seat		T	1.5	1.5	2.0	1.3	1.75	1.4	1.4	2.2	1.5	1.5	1.75	1.7	1.6	2.0	3.0	3.5

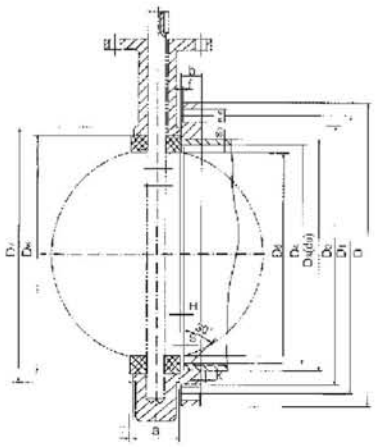
注：星号（*）尺寸为参考尺寸，也可以由选阀设计人员自定。
Note: The dimensions with asterisks"*" are for reference only. Which can be specified by customers.

"A"、"LT"型对夹式蝶阀安装图
Installation Drawing of Type" A" 、" LT" Wafer Butterfly Valves

注 Note:

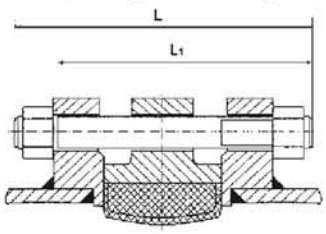
1、法兰连接尺寸符合 GB4216.4-4216.5-84的规定，同时符合的国外法兰标准见图二及对照表。
2、管子外径尺寸"d0"符合 GB8163-87《热轧无缝钢管标准》，DN700(28")~1000(40")大口径钢管外径尺寸由设计者自定。
3、图中尺寸T为橡胶阀座凸出阀体端面作为法兰密封垫的厚度尺寸。
4、用户自配法兰时，内凸圆直径D4应按样本提供的尺寸执行。

1. Mounting dimensions of the flanges are designed in accordance with GB4216. 4421.6 5 -84 and in accordance with foreign flange standares (see Fig.2.and Comprison table).
2. Outer diameters of pipes"do"are in accordance with the standard GB88 1 63. 87 Hot. rolled Seamless Pipe. Tile outer diameter of largerpipes DN711(28")~1 000(40") is specified by designers.
3. The dimension "T" in the figure is the thickness of the rubber seat proiecting from valve bodies to serve as the flange sealing face.
4. As the flange is made by userself, the diameter D4 should be in accordance with the size provided in this catalogue.

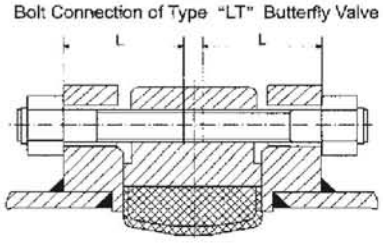


安装阀门用螺栓规格数量 Size & Quantity of Bolts Valve Installation

"A" 型蝶阀螺栓连接图
Bolt Connection of Type "A" Butterfly Valve



"LT" 型蝶阀螺栓连接图
Bolt Connection of Type "LT" Butterfly Valve



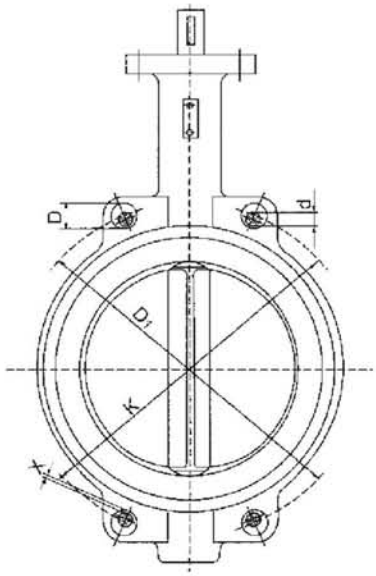
公称通径 Nominal diameter DN		1.0MPa					1.6MPa				
		双头螺柱 (适用"A"型蝶阀) Stud Bold (for Type A Valve)			六角螺柱 (适用"LT"型蝶阀) Stud Bold (for Type LT Valve)		双头螺柱 (适用"A"型蝶阀) Stud Bold (for Type A Valve)			六角螺柱 (适用"LT"型蝶阀) Stud Bold (for Type LT Valve)	
(mm)	(inch)	数量 Qty	直径x L1 Dia x l1	总长L Length	数量 Qty	直径x L1 Dia x l1	数量 Qty	直径x L1 Dia x l1	总长L Length	数量 Qty	直径x L1 Dia x l1
50	2"	4	M16-110	130	4 x 2	M16-40	4	M16-110	130	4 x 2	M16-40
65	2.5"	4	M16-120	140	4 x 2	M16-45	4	M16-120	140	4 x 2	M16-45
80	3"	8	M16-120	140	8 x 2	M16-45	8	M16-120	140	8 x 2	M16-45
100	4"	8	M16-120	150	8 x 2	M16-50	8	M16-120	150	8 x 2	M16-50
125	5"	8	M16-130	150	8 x 2	M16-50	8	M16-130	150	8 x 2	M16-50
150	6"	8	M16-140	165	8 x 2	M16-50	8	M16-140	165	8 x 2	M20-50
200	8"	8	M20-150	175	8 x 2	M20-55	8	M20-150	175	12 x 2	M20-55
250	10"	12	M20-160	185	12 x 2	M20-60	12	M24-160	185	12 x 2	M24-60
300	12"	12	M20-170	195	12 x 2	M20-65	12	M24-170	200	12 x 2	M24-65
350	14"	16	M20-170	195	16 x 2	M20-65	16	M24-170	200	16 x 2	M24-65
400	16"	16	M24-190	220	16 x 2	M24-75	16	M27-190	230	16 x 2	M27-75
450	18"	20	M24-220	250	20 x 2	M24-80	20	M27-220	254	20 x 2	M27-80
500	20"	20	M24-260	290	20 x 2	M24-90	20	M30-260	294	20 x 2	M30-90
600	24"	20	M27-290	324	20 x 2	M27-100	20	M33-290	334	20 x 2	M33-100
700	26"	24	M27-300	334	–	–	20	M33-300	341	4 x 2	M33-99
800	32"	24	M30-300	364	–	–	24	M36-300	375	–	–
900	36"	24	M30-350	388	4 x 2	M30-100	–	–	–	–	–
1000	40"	24	M33-370	411	4 x 2	M33-100	–	–	–	–	–

1、双头螺柱采用标准为GB898-88bm =1. 25d。
2、六角螺栓采用标准为GB5780-86。
3、900(36")、1000(40")PNI. 0MPa及700(28")PNI 6MPa "A" 型阀体二脖颈处采用六角螺栓连接，数量分别为4 x 2，列于六角螺栓栏中。

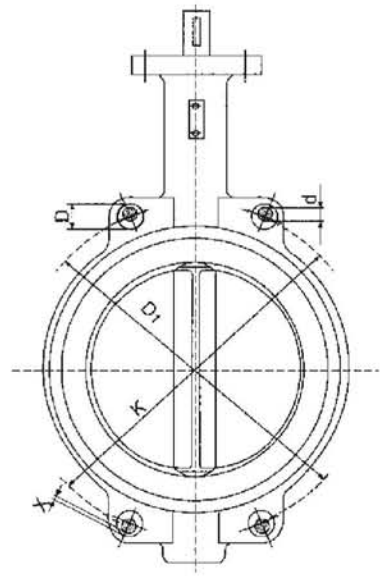
1.The stud bolts are in accordance withGB 898-88 bm=1.25d.
2.The hexagon head bolts are in accordance with GB5780-86
3.The hexagon head bolts are used at the two necks of 900(36"), 1000(40") PN1.0MPa and 700 (28") PN1.6MPa Type"A"valve body The quantity is 4 x 2 and jisted in the col-umn of hexagon-beaded bolt.

”A”型对夹式蝶阀各国法兰连接尺寸对照图表
Flange Dimensions of Type”A”Wafer Butterfly Valve Adopted in Different Countries

D1>K情况① For D1>K①



D1<K情况② For D1<K②



对照表 Comparasion of Dimensions

规格 Size		D1	D	GB9112-88(国标)						DIN2501(德国) BS4504(英国) ISO2084 ISO2531 (国际标准)						BS10-E (英国)			ANS1125(美国)		
				d		x		k		d		x		k		d	x	k	d	x	k
				MPa						MPa											
(mm)	(inch)			1.0	1.6	1.0	1.6	1.0	1.6	1.0	1.6	1.0	1.6	1.0	1.6						
50	2"	120	23	16		1.0		125②		16		1.0		125②		15.9	0.7	114.3	15.9	3.25	120.6②
65	2.5"	136.2	26.5	16		0.85		145②		16		0.85		145②		15.9	0.7	127	15.9	3.55	139.7②
80	3"	160	18	16		1.0		160②		16		1.0		160②		–	–	–	–	–	–
100	4"	185	24.5	16		1.75		180②		16		1.75		180		15.9	0.7	177.8	15.9	1.55	190.5②
125	5"	215	23	16		1.0		210②		16		1.0		210		15.9	0.83	209.58	19	1.55	215.9②
150	6"	238	25	20		1.5		240②		20		1.5		240②		19	1.48	234.95	19	1.35	241.3②
200	8"	295	25	20		2.5		295		20		2.5		295		19	1.55	292.1	19	1.3	298.4②
250	10"	357	29	20	24	1.0	1.5	350	355②	20	24	1.0	1.5	350	355	19	4.3	355.6	22.2	0.95	361.9②
300	12"	407	29	20	24	1.0	1.0	400	410②	20	24	1.0	1.0	400	410	22.2	1.6	406.4	–	–	–
350	14"	467	30	20	24	1.5	1.5	460	470②	20	24	1.5	1.5	460	470	–	–	–	–	–	–

注：1、规格尺寸为阀门通径尺寸；DI为阀门法兰孔中心分布圆尺寸；D为法兰孔直径。

2、各国法兰标准中的d代表螺栓直径；X代表孔与螺栓的最小间隙；K代表标准法兰孔中心分布圆尺寸。

*如果需要上表中国外标准法兰请在合同中注明。

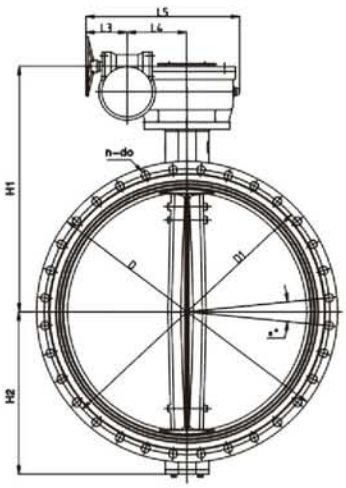
Note：1. Size-Nominal diameter of the valve；D1-Diameter of the flange bolt hole center circle；D-Diameter of the flange bolt holes.

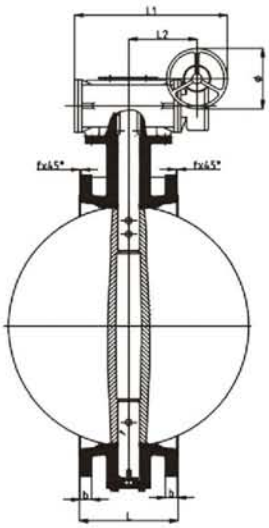
2. d-Diameter of bolts；X-Minimmn clearance between the bolt and the bolt hole；K-Diameter of the bolt hole circle of standard flanges.

*Please give clear declaration in your contract when ordering flanges to foreigh standard.

D341X-10/16







简介 Brief

本蝶阀系我公司最新研制的法兰蝶阀，主要适用于水厂、电厂、钢厂冶炼、造纸、化工、饮食等系统供排水用、尤为适用自来水管路上作为调节流量设备使用。

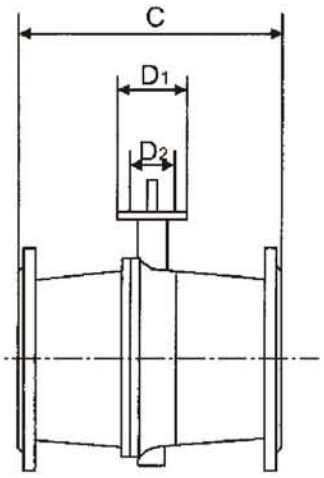
This butterfly valve is the flange butterfly valve that my company develops most newly, apply to water works, electric power plant, steel mill mainly smelt, paper making, system such as chemical industry, food and drink is for draining off's using, especially is put into use on the way as the equipment adjusting rate of flow by service pipe suitable for use.

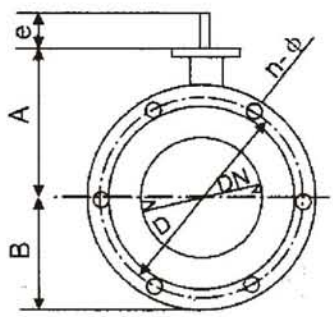
外形尺寸及连接尺寸 Overall & Connection Dimensions

公称通径 Nominal diameter DN	L	1.0MPa			1.6MPa		
		D	D1	n-do	D	D1	n-do
50	108	165	125	4-18	165	125	4-18
65	112	185	145	4-18	185	145	4-18
80	114	200	160	8-18	200	160	8-18
100	127	220	180	8-18	220	180	8-18
125	140	250	210	8-18	250	210	8-18
150	140	285	240	8-22	285	240	8-22
200	152	340	295	8-22	340	295	12-22
250	165	395	350	12-22	405	355	12-26
300	178	445	400	12-22	460	41	12-26
350	190	505	460	16-22	520	470	16-26
400	216	565	515	16-26	580	525	16-30
450	222	615	565	20-26	640	585	20-30
500	229	670	620	20-26	710	650	20-33
600	267	780	725	20-30	840	770	24-36
700	292	895	840	24-30	910	840	24-36
800	318	1015	950	24-33	1025	950	24-39

D341X-10/16







简介 Brief

法兰蝶阀是为用户替代传统闸阀而专门设计的. 它集橡胶软密封对夹式蝶阀之优点，同时又兼顾闸阀之连接尺寸要求，使用户即选用到高密封性能的蝶阀又满足替代不同标准的传统闸阀之尺寸要求。

The flange butterfy valve is to design that specially in order to marry consumer replacing the tradition valve, its collection rubber is soft merit of sealing up completely to gripping the dyadic butterfly gate, both gives consideration to the request linking a dimension of valve, makes a consumer be to select and use the butterfyvalve sealing off a function's to height and satisfies the request replacing dimension of being unlike the standard tradition valve at the same time.

性能规范 Technical Data

公称通径DN(mm) Nominal Diameter		50~600	50~600
公称压力PN(MPa) Nominal Pressure		1.0	1.6
试验压力 Testing Pressure	壳体 Shell	1.5	2.4
	密封 Sealing	1.1	1.76
介质温度 Working Temperatur		10℃~+150℃	10℃~+150℃
适用介质 Suitable Mediums		水、气、食品、油类 Water, gas, food, oil etc	

外形尺寸、连接尺寸和重量
Overall & Connection Dimensions & Weight

公称通径 Nominal diameter DN	A	B	C	D	D1	D2	E	n-φ	重量 Weight (kg)
50	144	79	180	125	77	57	32	4-18	10
80	144	89	210	160	77	57	32	8-18	18
100	170	110	230	180	92	70	32	8-18	24
150	226	138	280	240	92	70	32	8-22	41
200	260	170	330	295	115	89	45	8-22	64
250	292	203	380	350	115	89	45	12-22	80
300	337	231	420	400	140	108	45	12-22	117
350	368	260	450	460	140	108	45	16-26	200
400	400	290	480	515	197	159	51	16-26	215
500	480	355	540	620	197	159	64	20-26	300
600	562	400	600	725	276	215	76	20-30	

SD341X-10

简介 Brief

本蝶阀适用温度≤80℃、用于石油、化工、食品、医药、 轻纺、造纸、电力、给排水、气体管路上，作调节流量和截流介质的作用。具有补偿管道热胀冷缩的功能。

This butterfly valve is suitable to temperature≤80℃, is used on peff-eleum, chemical industry, foodstuff, medicine gently. the spinning and papermaking, power, plumbing and gas pipe route. and does the effect adjusted the volume of flow and dams a river the medium. Possess the bloated cold function that contracts of cornpensation pipeline heat.

特点 Features

1、设计新颖、合理、结构独特、重量轻、操作方便、起闭迅速。
2、本伸缩蝶阀既能起到调节流量和截流作用，又能补偿管道温差，所产生的热胀冷缩功能，同时也便于安装和拆卸，为一阀多用产品。

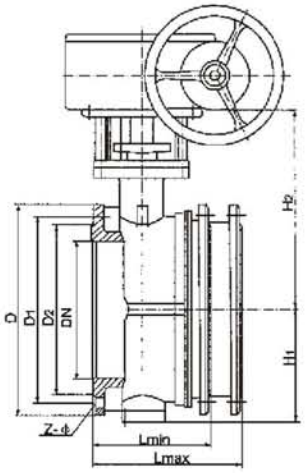
1、The design is new and original and reasonable and the structure is unique andis light in weight and operates makes things convenient for and it is rapid case to close.
2、This stretch butterfly valve can act to adlust the volume of flow with damming a river the effect to compensate that the pipeline difference in temperature is given rise to agaln hot expands to coolcontracts the functien and but also being easy to atthe same time install and dis-manteles, usesthe producttor one valvemore

安装注意事项 Installment matters needing attention

1、本蝶阔安装前必须清洗内腔杂物.
2、本阀门可在一定范围内伸缩，安装前必须松开伸缩部位的密封垫压盖，然后代本阀门与管道所需要的长度后，再锁紧伸缩密封压盖。

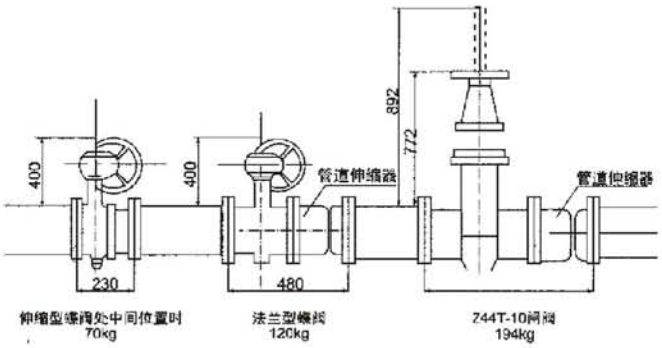
1、This butterfly valve must rinse the cavity odds and ends before the installation
2、These valve approve in the field flex hence fasten mustloosen pars contractilis steric seal gland, then should telescopic joint regulate to required position keeper conduit bott post，anew keeper flex gland,these valve be incapable of exceed soope use up on.





主要零部件材料 Meterial of Main Parts

名称 Name	材料 Meterial name
阀体 Valve body	铸铁、球墨铸铁、铸钢、不锈钢 Cast Iron,Nodular cast Iron, cast steel and staninless steel
阀板 Valve boatd	铸铁、球墨铸铁、铸钢、不锈钢 Nodular cadt Iron, Coper allol and staninless steel
阀杆 Valve pole	2Cr13、不锈钢衬 stanless steel line
密封圈 Sealing-circle	耐磨橡胶,丁晴橡胶等 The fine rubber of wear-resising rubber and NBR etc.
填料 Filler	丁晴橡胶V型垫、柔性石墨 Butadiene-acrylonitrile rtubber V-mode pillow,expanded graphitel



外形尺寸及连接尺寸
Overall & Connection Dimensions

压力 Pressure	直径	最长 Longest L2	中间 Among L	最短 Shortest L1	D2	D	D1	H	H1	H2	B1	B2	N	N2	ϕ	Z-ϕ
1.0 MPa	100	196	180	164	155	215	180	359	120	239	186	350	180	150	152	8-18
	150	227	210	192	210	280	210	392	124	278	186	350	180	150	152	8-23
	200	247	230	212	265	335	295	465	170	295	186	350	180	150	152	8-23
	250	267	250	230	320	390	350	555	198	357	253	453			250	12-23
	300	286	270	252	368	440	400	570	218	353	253	453			250	12-23
	350	310	290	270	428	500	460	670	253	427	253	415			250	16-23
	400	332	310	290	482	565	515		285	465	320	415	200	207	40	16-26
	450	352	330	310	532	615	565	800	310	490	320	415	200	207	400	20-26
	500	375	350	330	582	670	620	860	340	520	320		200	207	400	20-30
	600	420	390	360	635	780	725	1007	397	610		510			500	20-30
	700	465	430	395	800	895	840	1157	467	690	470	510			300	24-30
	800	510	470	430	905	1015	950	1295	530	765	470	510			300	24-34
	900	555	510	465	1005	1115	1050	1425	595	830	470	510			300	28-36
	100	600	550	500	1110	1230	1160	1580	670	910	470	510			300	32-39
	1200	690	630	570	1330	1455	1380	1815	785	1030	470				300	32-39
	1400	780	710	640	1560	1630	1560	2015	835	1180					600	36-36
0.6 MPa	1600	860	790	750	1710	1830	1760		1100	1300					600	40-36
	1800	940	870	800	1920	2045	1970		1180	1400					600	44-39
	2000	1020	950	880	2125	2265	2100		1300	1580					600	48-42

简介 Brief

本蝶阀系我公司最新研制的软密封偏心法兰蝶阀。主要适用于水厂、电厂、钢厂冶炼、造纸、化工、饮食等系统供排水用，尤其适用于自来水管路上，作为调节和截流设备使用。

This butterfly valve is the flange butterfly valve that my company develops most newly, apply to water works. electric power plant, steel mill mainly smelt, paper making. system such as chemical industry,food and drink is for draining off's using. especially is put into use on the way as the equipment adiusting rate ot flow by seryivepipe sultable for use.

特点 Features

1、结构简单紧凑，重量轻，90° 旋转，开关迅速。
2、设计合理，装拆容易便于维修。
3、采用偏心结构，减少密封圈的磨擦，延长阀门使用寿命。
4、完全密封，泄漏为零。
5、更换阀板密封圈、O型圈、蝶板、转轴等材质，可适用多种介质和不同温度。



1、Strudure simple compact,the weight is light 90° Revolves the switch is rapid.
2、Designs reasonably. the assembling and dismantling is easy, tobe advantageous for the service.
3、Uses the eccentric structure, reduces the seal packing collar the friction. lengthens thevalve service life.
4、Completely seals，divulgesforzero.
5、Replacement valve board material quality and so on seal packing collar, O circle butterfiy board，revolution axis，suitable many kinds of medium and different temperature.

标准与规范 Standard and standard

1、该产品符合GBI2238 89《通用阀门法兰和对夹连接蝶阀》标准。
2、试验符合GB/T13927-92《通用阀门压力试验》标准。
3、侧法兰连接符合GB/T17241.6-1998《整体铸铁管法兰、GB4216.4-4216.5-84《灰铸铁管法兰及垫片》标准。同时分别符合BS4504，IS02084、DIN2501中的PNI.OMPa，PNI.6MPa法兰连接标准。

1、This product conforms to GBI2238-89" General Valve Flange And to Clamps Connects Butterfly valve"the standard.
2、The experiment conforms to GB/T"General Valve Pressure test"
3、Measured the flange connection conforms to GB4216.4-4216.5-84"Grayiron Flange And Filllng piece"the standard.

主要零部件材料 Meterial of Main Parts

名称Name	阀体 Valve body	阀板 Valve boatd	转轴 Fulcra	阀板密封圈 Valve plate lock ring	轴套 Shaft	阀体钢环 Valve body steel rung
国标GB	QT500-7	QT500-7	2Cr13	ZCuZn38Mn3Pb2	丁腈橡胶 NBR	0Cr18Ni9
美标ASTM	A126 ClassB	A536 65-45-12	420	B36	D2000 Aa6014	S32100
英标BS	B145-20	BS278-65	Bs970	Bs1400	Bs2494 Buua-N	Bs321S12

性能规范 Technical Data

公称通径DN(mm) Nominal Diameter		100~1200	100~1200
公称压力PN(MPa) Nominal Pressure		1.0	1.6
试验压力 Testing Pressure	壳体 Shell	1.5	2.4
	密封 Sealing	1.1	1.76
介质温度 Working Temperatur		10℃~+120℃	
适用介质 Suitable Mediums		淡水、污水、空气等 Water，sewage etc. Gas	

SWEK®
史威阀

阀 门 型 号 一 览

8	GY	4	A	3	P	—	25	W
1	2	3	4	5	6	—	7	8

1 通 径 Nominal diameter

6	1/4″
10	3/8″
15	1/2″
20	3/4″
25	1″
32	1 1/4″
40	1 1/2″
50	2″
65	2 1/2″
80	3″
100	4″
125	5″
150	6″
200	8″
250	10″
300	12″
350	14″
400	16″
450	18″
500	20″

2 阀门类型 Valve type

NS	仪 分体 Split
NI	仪 连体 Intergral
NF	仪 模锻 Forged
GNY	截 Y型无 Y Globe Valve
GNT	截 T型无 T Globe Valve
GB	截 波纹管 Bellows
GY	截 Y型旋 Y Globe Valve
GT	截 T型旋 T Globe Valve
GA	闸 阀 Gate Valve
BA	球 阀 Ball Valve
BU	蝶 阀 Butterfly Valve
DI	隔膜阀 Diaphragm Valve
CH	止回阀 Check Valve
SA	安全阀 Safety Valve
BT	三偏心蝶阀 Three eccentric butterfly valve
RE	调节阀 Control Valve
RV	蝶型调阀 Butterfly Control Valve
RA	球型调阀 Ball Control Valve
GP	高压差 High-pressure

注：凡阀门为角式连接方式，在该阀门类型后加缀字母A，如角式调节阀为REA。

Note:The connection of the valve is angel type,add A after the valve type. e.g. The type of Angel Control Valve is REA.

3 阀门接口方式 Interface mode

2	内螺纹 Internal thread
3	外螺纹 External thread
4	对 焊 Butt-welded
5	承插焊 Socket-welded
6	法 兰 Flanged
7	卡 套 Sleeved
8	对夹式 Wafer
9	卡箍式 Clamp
10	NPT(内螺纹) NPT (Internal thread)
11	NPT(外螺纹) NPT (External thread)
12	锥管内螺纹 Taper pipe (Internal thread)
13	锥管外螺纹 Taper pipe (External thread)

4 阀 座 Seat

W	本 体 Body
H	合 金 Alloy steel
A	硬质合金 Hard alloy
S	不锈钢 Stainless steel
R	橡 胶 Rubber
N	尼龙塑料 Nylon plastic
F	氟塑料 Fluorine plastic
B	巴氏合金 Babbitt alloy
C	搪 瓷 Enamel
P	软硬中性 Neutral

5 阀 瓣 Petal

2	合金球 Alloy ball
3	合金锥 Alloy cone
4	尼龙等 Nylon
5	调 节 Regulating
6	304
7	316
8	双相钢 Double phase steel
9	巴氏合金 Babbitt alloy
10	A105
11	套 筒 Sleeve
12	迷 宫 Labyrinth
13	多 级 Multistage
14	多 孔 Multihole
15	单 座 Single seat
16	双 座 Double seat
17	单闸板 Single plate
18	双闸板 Double plate
19	弹性板 Spring plate
20	旋启式 Swing
21	升降式 Lift

6 驱动方式 Drive mode

H	手 轮 Handwheel
R	圆手柄 Round handle
F	扁手柄 Flat handle
P	气 动 Pneumatic
E	电 动 Electric
H	液 动 Hydraulic
W	涡 轮 Turbine
S	自力式 self actuated

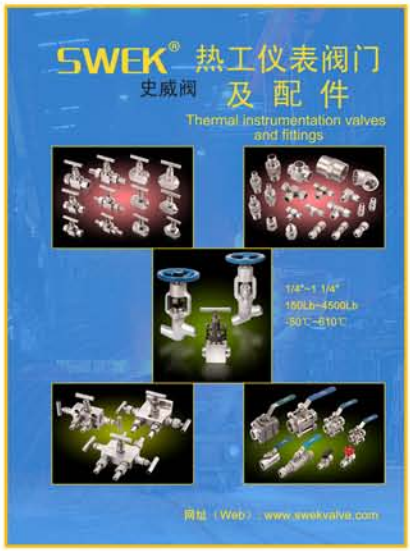
7 压力值 Pressure

2	150lb
3	300lb
6	600lb
9	900lb
15	1500lb
25	2500lb
45	4500lb

8 阀体材质 Body material

F	F22
K	F11
B	F91
W	F92
D	WB36
E	F304
S	F316
G	WCB
H	WC9
N	F316H
P	F347H
Q	F321
A	A105
R	F316L
T	WC6
Y	CF8
Z	CF8M



















Distributor（经销商）：