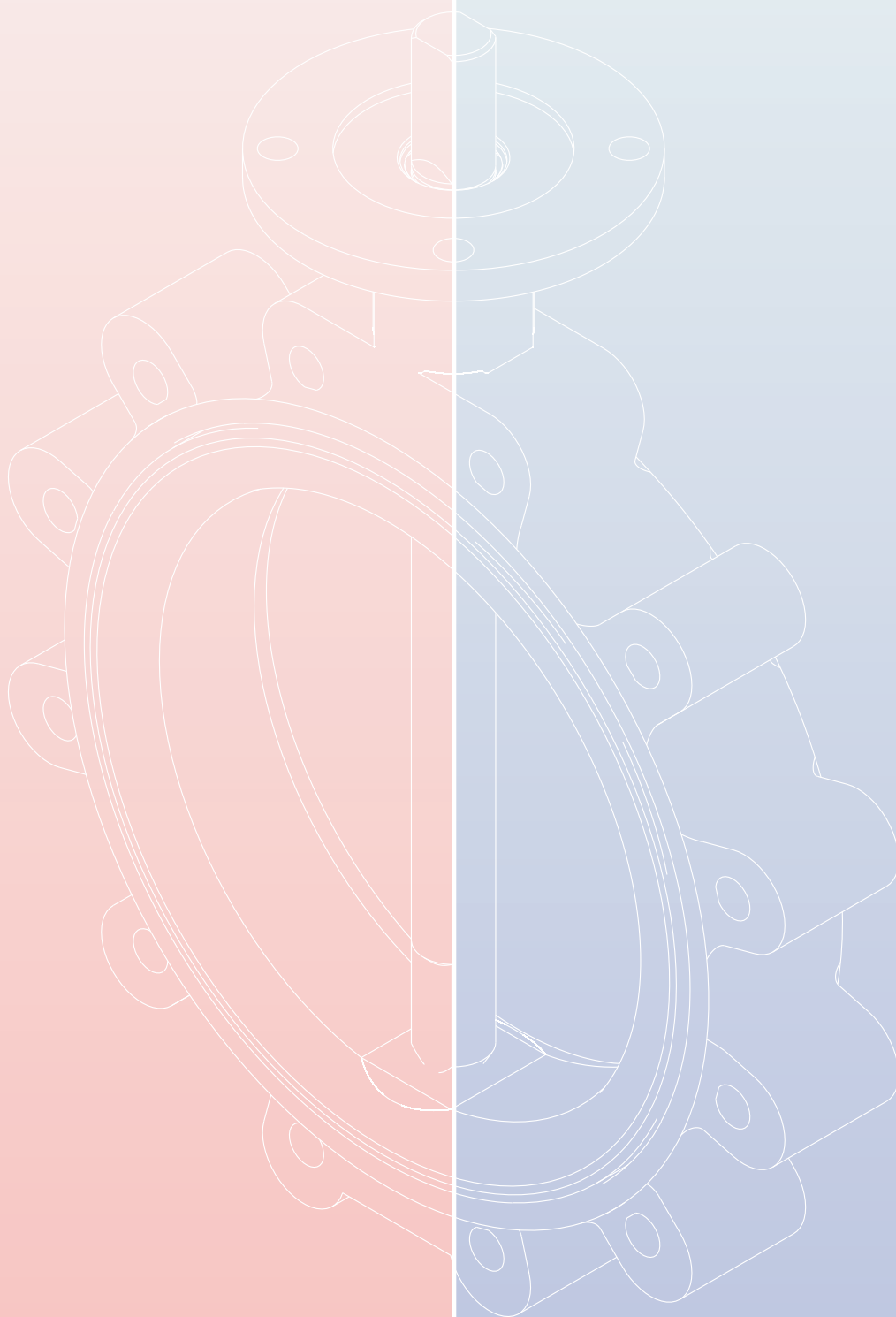




Yuandong

奉化市远东车辆部件有限公司

Fenghua Yuandong Auto Parts Limited Company

Hawks

奉化市哈克斯自动化设备有限公司

Fenghua Hawks Automatic Equipment Limited Company

HAWKS

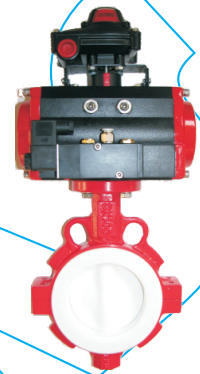




Wafer Type Butterfly Valve Seat and Disc Lining PTFE With Electric Drive



Wafer Type Butterfly Valve Seat and Disc Lining PTFE With Handle Drive



Wafer Type Butterfly Valve Seat and Disc Lining PTFE With Pneumatic Drive



Wafer Type Butterfly Valve Seat and Disc Lining PTFE With Handle Drive



Wafer Type Butterfly Valve Seat and Disc Lining PTFE With Handle Drive



Stainless Steel Wafer Type Butterfly Valve Seat Lining PTFE With Handle Drive



Stainless Steel Wafer Type Butterfly Valve Seat and Disc Lining PTFE With Handle Drive



Seat and Disc Lining PTFE Butterfly Valve Wafer Type Butterfly Valve Lining Rubbe



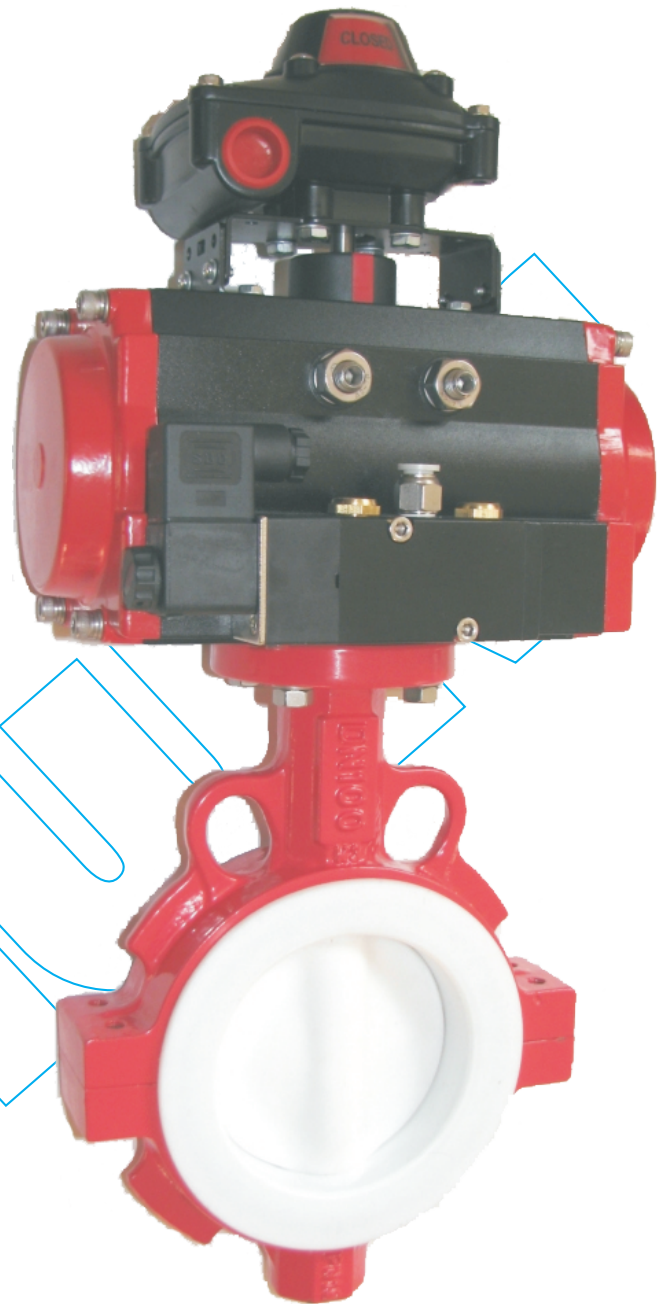
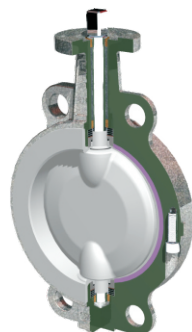
Wafer Type Butterfly Valve Seat and Disc Lining PTFE With Electric Drive

Characteristic

- The most important characteristics of butterfly valve in the valve stem is hawks of the shaft seal. In the upper and lower sealing shaft adopts unique design class four elastic pad and the O-ring combination sealing structure, more adapted to high temperature and low temperature environmental temperature changes.
- Elastic sealing mechanism. To two plane airtight tight fit, always maintain the minimum operating torque.
- In the end. The lining provides a relatively wide sealing surface.
- The valve uses a straight plate design to minimize the flow resistance, improves on DCS control system of micro flow regulating Cv value.

Split design advantages

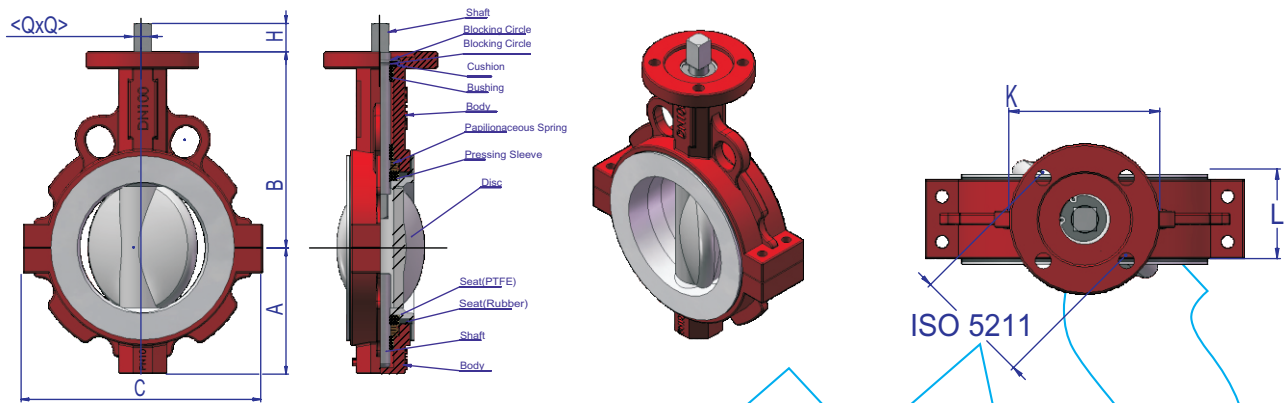
- The mounting holes, so that the upper and lower body perfect matching
- All half body can change, achieve the unity principle of replacement parts.
- In the pipeline when in use, does not require manual maintenance.
- The actuator is mounted, the top flange and the valve stem size accords with ISO5211 standard.
- Lining surface is a high-speed steel machine processing, such that the inner surface finish requirements, thereby reducing the torque value, to ensure that the butterfly valve air tightness, and contribute to the improvement of its service life.
- All cable fluoride of butterfly valve (clamping type) in the pipeline installation size, made a breakthrough design, the clamping structure installation dimensions to make Chinese national GB 1 / 1.6Mpa standard still perfect for DIN PN 10 / 16, ANSI 150, JIS 10K and other national standards.
- All butterfly valves surface using epoxy resin coating, to ensure that the surface of the valve body is not affected by external environmental extremes and discoloration, and good corrosion resistance and wear resistance.
- All mounting screws made of stainless steel material, used in the environment will not be because of rust and affect the appearance, and epoxy resin coating to form a perfect whole appearance, durable.



Technical information

- Nominal diameter : 1½" to 24"(inch)DN40 ~ Dn600
- Operating pressure: ANSI 125LB 150LB JIS 5K 10K DIN PN 10/(16)
- Use temperature : -40°C ~ +180°C
- Flange connection standard : DIN PN 10/(16)ANSI 150, JIS 10K
- Driving mode : Manual, Worm gear, Pneumatic, Electric
- Applicable medium except the molten alkali metal, elemental fluorine concentration of various acid, alkali, salt, organic acid, aqua regia, strong corrosive medium.

Wafer Type (Flange) Butterfly Valve Lining PTFE



Material

NO.	Name	Material
1	Body	Ductile iron+WCB+Stainless Steel
2	Dise	PTFE+WCB+DI+SS
3	Shaft	Stainless Steel+ICr13
4	Seat	PTFE+EPDM+VITON+NBR
5	Bushing	FRP
6	Pressing Sleeve	FRP
7	Blocking	PTFE
8	Cushion	Steel
9	"O"-Circle	Rubber
10	Papilionaceous Spring	Spring Steel

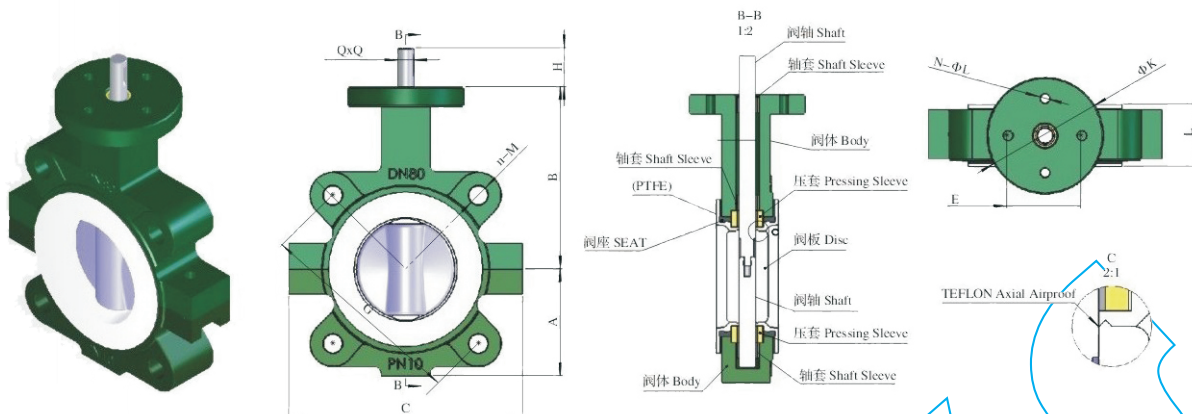
Products Features

Technical Specification	
Design specifications	Follow GB/T12238,API 609,MSS SP-67 Standard
Specifications Model	DN50~800mm
Nominal pressure	PN10,PN16,ANSI 150
Connection Type	Flange Connection,Right Clip-on(Commonly Used for the Right Clip-on0
Applicable Type	Sulfuric acid,hydrofluoric acid,phosphoric acid,chlorine,alkali,aqua regia,etc
Operation temperature	-20℃~+180℃
Drive Type	Manual,Gas Transmission,Electricity Transmission

External size

DN(mm)	Size										
	A	B	C	L	H	K	G	N-ΦL	E	Φ	Q×Q
50	74	136	117	43	32	65	Compatible PN10/PN16/AN SI 150	4-6.7	50	12.7	9
65	82	138	126	46	32	65		4-6.7	50	12.7	9
80	90	138	142	46	32	65		4-6.7	50	12.7	11
100	115.8	158	178	52	32	90		4-10.3	70	15.8	11
125	132.5	174	202	56	32	90		4-10.3	70	19	14
150	145.5	190	234	56	32	90		4-10.3	70	19	14
200	179.5	229	286	60	45	125		4-14.5	102	22.2	17
250	216.5	269	350	68	45	125		4-14.6	102	28.6	22
300	253.5	300	402	78	45	125		4-14.7	102	31.8	22
350	275	335	470	78	45	140		4-14.5	107.5	31.8	22
400	305	410	595	102	45	175		4-20.6	140	33.34	28
450	338	440	645	114	45	175		4-20.6	140	38	28
500	375	495	700	127	45	175		4-20.6	140	41.15	28
600	444	562	825	152	45	210		4-22.0	165	50.65	35
700	520	624	895	163	45	300		8-18.0	254	63.5	50
800	591	672	1015	188	45	300		8-18.0	254	63.5	50

Lug Type Butterfly Valve Lining PTFE



Material

NO.	Name	Material
1	Body	Ductile iron+WCB+Stainless Steel
2	Dise	PTFE+WCB+DI+SS
3	Shaft	Stainless Steel+ICrI3
4	Seat	PTFE+EPDM+VITON+NBR
5	Bushing	FRP
6	Pressing Sleeve	FRP
7	Blocking	PTFE
8	Cushion	Steel
9	"O"-Circle	Rubber
10	Papilionaceous Spring	Spring Steel

Products Features

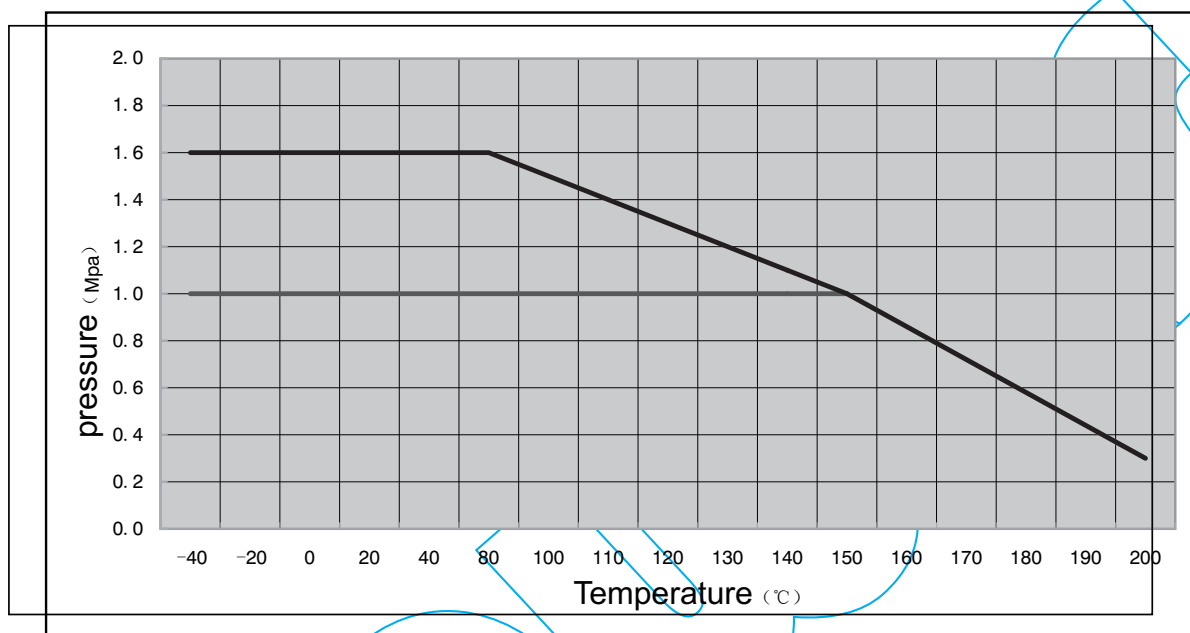
Technical Specification	
Design specifications	Follow GB/T12238,API 609,MSS SP-67 Standard
Specifications Model	DN50~300mm
Nominal pressure	PN10,PN16,ANSI 150
Connection Type	Flange Connection,Right Clip-on(Commonly Used for the Right Clip-on0
Applicable Type	Sulfuric acid,hydrofluoric acid,phosphoric acid,chlorine,alkali,aqua regia,etc
Operation temperature	-20℃~+180℃
Drive Type	Manual,Gas Transmission,Electricity Transmission

External size

DN(mm)	Size										
	A	B	C	L	H	K	G	N-ΦL	E	Φ	Q×Q
50	74	136	117	43	32	65	Compatible PN10/PN16/ANSI 150	4-6.7	50	12.7	9
65	82	138	126	46	32	65		4-6.7	50	12.7	9
80	90	138	142	46	32	65		4-6.7	50	12.7	11
100	115.8	158	178	52	32	90		4-10.3	70	15.8	11
125	132.5	174	202	56	32	90		4-10.3	70	19	14
150	145.5	190	234	56	32	90		4-10.3	70	19	14
200	179.5	229	286	60	45	125		4-14.5	102	22.2	17
250	216.5	269	350	68	45	125		4-14.6	102	28.6	22
300	253.5	300	402	78	45	125		4-14.7	102	31.8	22

TORQUE															
DN(mm)	40	50	65	80	100	125	150	200	250	300	350	400	450	500	600
MD(Nm)	30	35	40	54	80	150	216	410	680	900	1120	2203	2800	3500	4610

Temperature and pressure



C _v valve		40	50	65	80	100	125	150	200	250	300	350	400	450	500	600
Disc Opening	DN[mm]	40	50	65	80	100	125	150	200	250	300	350	400	450	500	600
	Size[in]	1	2	2	3	4	5	6	8	10	12	14	16	18	20	24
25	1	3	6	8	15	25	65	118	199	289	349	523	603	913	1130	
30	2	6	9	15	29	48	96	176	298	437	649	875	1118	1413	1889	
35	5	9	18	28	53	84	155	278	407	621	867	1219	1615	2069	2887	
40	7	15	34	38	70	112	209	373	553	862	1199	1616	2064	2609	3716	
45	12	21	47	58	105	169	283	503	705	1164	1645	2145	2883	3589	4856	
50	16	31	71	80	145	235	340	607	966	1462	2097	2648	3614	4563	6258	
55	22	42	92	111	198	319	457	809	1275	1832	2675	3826	4892	6024	8135	
60	27	55	124	146	260	421	582	1030	1564	2352	3397	4578	5851	7393	10131	
65	34	73	163	189	341	551	705	1249	1998	3249	4343	5925	7183	9826	13928	
70	44	90	202	256	462	748	928	1644	2464	3838	5342	7202	9206	12623	15946	
75	51	105	235	339	608	980	1308	2312	3261	5635	6954	10025	12778	15632	21278	
80	53	112	251	402	723	1165	1710	3031	4029	6261	8738	11778	15064	19015	26225	
85	57	118	264	438	792	1276	1992	3526	4446	7014	9505	12745	16213	20268	29260	
90	60	121	272	476	857	1382	2282	4037	4821	7054	10050	13464	17218	21745	29802	

. C_v valve is the valve in the opening and under pressure, every hour the water through the valve by volume. (m³/hour)

. The data above is under the effect of 0.01Mpa measurement value. (for reference only)

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