WEISIDUN GROUP

集 团 总 部：中国 · 郑州华南城中原电商大厦
分　工　厂：上海 · 天津 · 温州 · 河北 · 大连
驻外分公司：非洲 · 坦桑尼亚 · 肯尼亚

Group headquarters: Central Plains E-Commerce Buliding, Zhengzhou South city, China
Branch Factory: Shanghai, Tianjin, Wenzhou, Hebei, Dalian
Branch Company in Overseas: Tanzania, Kenya in Africa

国际贸易部：+86-13849053922
国内贸易部：+86-0371-62552911
坦 桑 尼 亚：+255654088888
+255744222807
+255744222808

International Trading Department: +86-013849013722
Inland Trading Department: +86-0371-66266876
Micocheni, Dar-Es-Salaam, Tanzania , P.O.BOX3922

www.wsdvalve.com
www.hawsd.com

weisidun@wsdvalve.com
weisidun@hawsd.com

DIN/JIS/ANSI/BS/GB Valve

WEISIDUN GROUP

WESDOM

DIN/JIS/ANSI/BS/GB Valve

WEISIDUN GROUP

企业简介
Brief Introduction

WeiSiDun Group. Headquartered in ZhengZhou, which is the geographical center of China, Central Plains hinterland, China's major railways, aviation, highways, electricity, post and tele communications hub cities, International Air Logistics Center, also an international land port city!

Group consists of six companies, in addition to HeNan WeiSiDun Import and Export Trading Co., Ltd. which is specialized in the import and export of foreign trade, the other five companies all producing factories, Hebei iron valves branch, Wenzhou casting steel valves, Tianjin butterfly valves, Dalian pipe fittings branch and Ningbo Instrument branch. Beyond that, we also have two branches abroad. One is in Tanzania, the other is in Kenya.

The major products for a variety of valves of cast iron, steel, stainless, steel, copper materials; malleable iron and stainless steel pipe fittings; ductile iron, stainless steel fittings; flanges and other products, mainly used in construction, petroleum, chemical, power, water supply and drainage, municipal, medical people's livelihood and other industries.

The company is equipped with mechanical processing center, physical and chemical center. Each production is charged by a specific department, which makes the pass rate reach 100%. High quality not only bring competitive advantage for us, but also provide economic benefit and guarantee for our customers.

2015, In order to better serve Africa, the huge potential market, our Group set up its own office in Africa , as the goal for the service and push the construction and development of Africa.

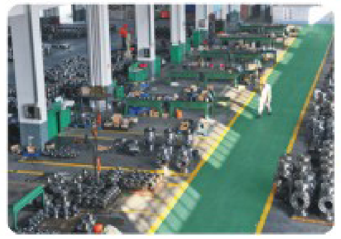
In the spirit of "Science and technology constitutes the first productive force". Our company has always made full use of high technology to improve our products, taken the needs of customers at the foremost. The company's goal is: wholeh eartedly serve the customer. We sincerely welcome all the friends from home and broad to cooperate each other and create a bright future.

生产车间
Production workshop

The pursuit of excellence, continuous innovation, to build Weisidun valve brand

追求卓越，不断创新，全力打造威斯盾阀门品牌






我们深知设备对企业发展的重要，多年来一直不遗余力的对软硬件设施进行更新研发。不但引进了国外各种先进设备和生产技术，同时还对专用装备进行开发，自动连续化生产线已经实现。生产体系的完善构筑，使企业在行业更专业也更全面。

We know to the enterprise development important equipment, has for years been sparing no effort to update the software and hardware facilities development. Not only the introduction of foreign advanced equipment and production technology, and also of special equipment for development, automatic continuous production line has been achieved. The improvement of the production system construction, make the enterprise line has a more professional and more comprehensive.




WESDOM

质量检测
Quality Inspection

Perfect quality from the product of professional technical testing

完美的品质源于对产品专业的技术检测

威斯盾对每一个产品都进行严格的检测，检测员高度负责的用心溶于每一个部件中，加上最先进的检测设备和严格的科学化管理，使每一个生产的成品经得住顾客的精心挑选。威斯盾人庄严承诺让每一个生产产品都达到出厂标准，这正是威斯盾产品得以畅销的秘诀所在。

Weisidun of rigorous testing of each product. Inspector highly responsible carefully dissolved in every part, coupled with the most advanced detection equipment and strict scientific management, so that each production of refined withstand customer carefully selected. Weisidun solemn promise to let each production products meet the standard factory, This is the secret of Weisidun products selling.









多标准体对夹蝶阀
Multi-standard wafer butterfly valve


凸耳式对夹蝶阀
Lug type wafer butterfly valve


双法兰蝶阀
Double flange butterfly valve


防结露蝶阀
Anti-knot dew butterfly valve


沟槽蝶阀
Grooved butterfly valves


三偏心金属硬密封对夹蝶阀
Three eccentric metal seals wafe butterfly valve


三偏心金属硬密封法兰蝶阀
Three eccentric metal hard seal flange butterfly valve


对夹衬氟蝶阀
Wafer lined fluorine butterfly valve


双法兰衬氟蝶阀
Double flange lined fluorine butterfly valve


国标软密封闸阀
GB soft-seal gate valve


德标软密封闸阀F4
DIN soft-seal gate valve(F4)


德标软密封闸阀F5
DIN soft-seal gate valve(F5)


德标铸铁硬密封闸阀F4
DIN Cast iron hard seal gate valve F4

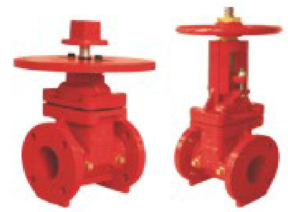

德标铸铁硬密封闸阀F5
DIN Cast iron hard seal gate valve F5


日标铸铁闸阀
JIS Cast iron gate valve


英标软密封闸阀
BS Soft sealing gate valve


美标硬密封闸阀
ANSI hard sealing gate valve


美标软密封闸阀200PSI
ANSI soft sealing gate valve 200PSI


美标软密封闸阀300PSI
ANSI soft sealing gate valve 300PSI


美标铸钢/不锈钢闸阀
ANSI Cast steel/stainless steel gate valves

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产品集锦
Product highlightse


德标铸钢/不锈钢闸阀F4
DIN Cast steel/stainless steel gate valve F4


德标铸钢/不锈钢闸阀F5
DIN Cast steel/stainless steel gate valve F5


日标铸钢/不锈钢闸阀10K
JIS Cast steel/stainless steel gate valve 10K


锻钢法兰闸阀
Forged steel flange gate valve


锻钢丝扣/焊接闸阀
Forged steel threaded /weld gate valve


手动凸耳/法兰式刀型闸阀
Manual lug/flanged knife gate valve


气动刀型闸阀
Pneumatic knife gate valve


电动刀型闸阀
Electric knife gate valve


德标铸铁球阀
DIN Cast iron ball valve


日标铸铁球阀
JIS Cast iron ball valve


美标铸铁球阀
ANSI Cast iron ball valve


美标铸钢/不锈钢球阀
ANSI Cast steel/stainless steel ball valves


两片式固定球阀
2PC Trunnion mounted ball valve


三片式固定锻钢球阀
3PC Trunnion mounted forged steel ball valve


日标铸钢球阀10K
JIS Cast steel ball valve 10K


德标铸铁截止阀
DIN Cast iron globe valve


美标铸铁截止阀
ANSI Cast iron globe valve


日标铸铁截止阀10K
JIS Cast iron globe valve 10K


美标铸钢/不锈钢截止阀
ANSI Cast steel/stainless steel globe valves


德标铸钢/不锈钢截止阀
DIN Cast steel/stainless steel globe valves

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Product highlightse

日标铸钢/不锈钢截止阀
JIS Cast steel/stainless steel globe valves

锻钢法兰截止阀
Forged steel flange globe valve

锻钢丝扣/焊接截止阀
Forged thread /weld globe valve

德标铸铁旋启式止回阀
DIN Cast iron swing check valve

美标铸铁旋启式止回阀
ANSI Cast iron swing check valve

英标铸铁旋启式止回阀
BS Cast iron swing check valve

日标铸铁旋启式止回阀10K
JIS Cast iron swing check valve 10K

球形止回阀
Ball check valve

橡胶瓣止回阀
Rubber disc check valve

对夹止回阀
Wafer type check valve

美标铸钢/不锈钢旋启式止回阀
ANSI Cast steel / stainless steel swing check valve

日标铸钢/不锈钢旋启式止回阀
JIS Cast steel / stainless steel swing check valve

锻钢法兰旋启式止回阀
Forged steel flange swing check valve

锻钢丝扣/焊接旋启式止回阀
Forged steel thread /welded swing check valve

底阀
Foot Valve

底阀
Foot Valve

1片式丝扣球阀
1PC Threaded ball valve

2片式丝扣球阀
2PC Threaded ball valve

3片式丝扣球阀
3PC Threaded ball valve

丝扣闸阀
Threaded gate valve

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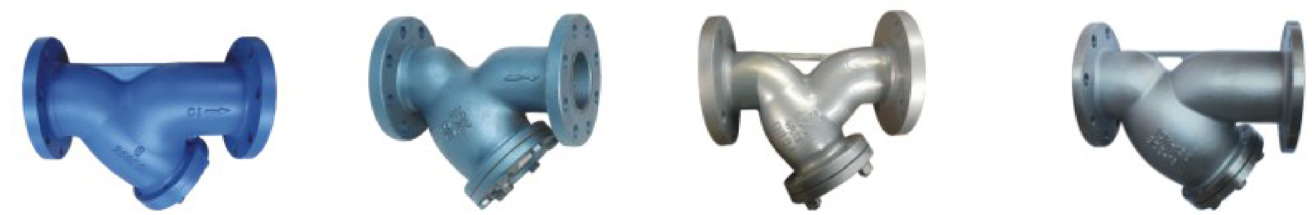
Product highlightse

丝扣截止阀
Thread globe valve

丝扣止回阀
Thread check valve

丝扣过滤器
Thread strainer

德标铸铁过滤器
DIN Cast iron strainer



美标铸铁过滤器
ANSI Cast iron strainer

日标铸铁过滤器
JIS Cast iron strainer

美标铸钢/不锈钢过滤器
ANSI Cast steel/stainless steel strainer

日标铸钢/不锈钢过滤器
JIS Cast steel/stainless steel strainer

单口法兰/丝扣排气阀
Single flange/thread bleed valve

双球排气阀、复合式排气阀
Double ball air valve, combined air vent valve

100X遥控浮球阀
100X Remote control float valve

电动遥控浮球阀
Electric remote float valve

200X减压阀
200X pressure reducing valve

300X缓闭逆止阀
300X slow closing reverse valve

400X流量控制阀
400X Flow control valve

500X泄压/持压阀
500X Pressure relief/pressure valve

600X水力电动控制阀
600X hydraulic electric control valve

700X水泵控制阀
700X pump control valve

800X压差旁通平衡阀
800X Pressure differential bypass balancing valve

900X紧急关闭阀
900X emergency shut-in valve

745X活塞式多功能水泵控制阀
745X piston type multi-function pump control valve

WESDOM

Butterfly valve series

蝶阀系列

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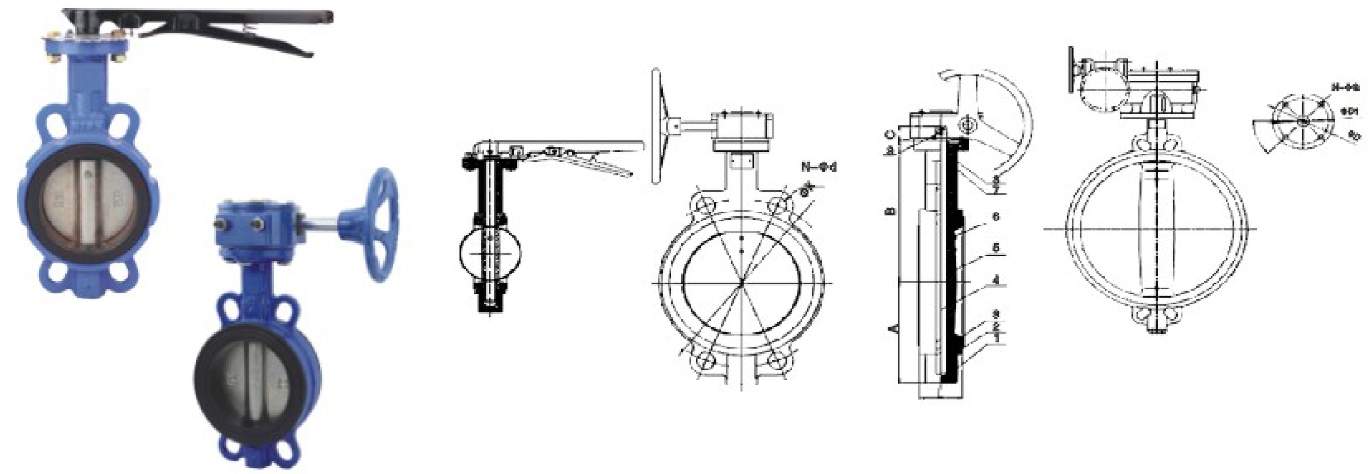


主要零件及材料 Main parts and materials

零件名称 Part name	材料 Material
阀体 Body Materials	灰铁 Cast Iron, 球墨铸铁 Ductile Iron 碳钢 WCB , 不锈钢 Stainless Steel, 铜Bronze
阀座 Seat Materials	丁腈 NBR, 三元乙丙 EPDM, 氟橡胶 VITON, 聚四氟乙烯 PTFE
蝶板 Disc Materials	球墨铸铁 Ductile Iron, 碳钢WCB, 304 CF8, 316 CF8M 铝青铜 Al–bronze C958
阀轴 Stem Materials	SS416, SS304, Ss316
连接方式 End Connection	对夹Wafer
驱动方式 Operate	手柄Manual, 涡轮Worm gear, 气动Pneumatic, 电动Electric–Motorized
蝶板类型 Disc type	有销 With–pin, 通轴无销One stem no–pin, 双半轴Double stem no–pl

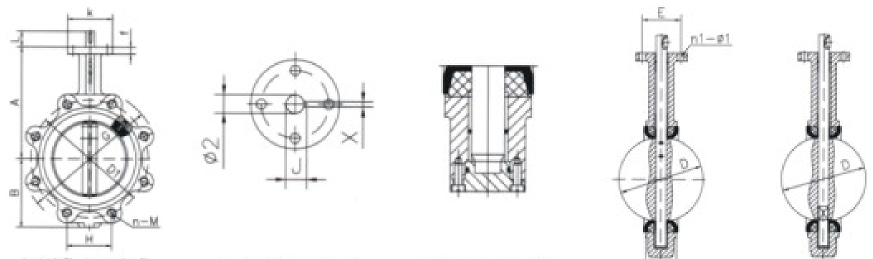
设计标准 Valve design

技术规范 Technical specification	
设计标准 Valve design	API 609, MSS SP–67
结构长度 Face to Face	API 609, MSS SP–67, DIN3202, BS EN558–1
试验标准 Pressure test	API 598
连接法兰 Flange Drilling	ANSI B16.1 Class125, BS4504 PN10/PN16 DIN2501 PN10/PN16
上法兰 Top Flange	ISO5211

主要外形及连接尺寸 Main external and connecting dimensions(mm)

Size		A	B	C	L	ANSI 150B		DIN PN 10		DIN PN 16		JIS 10K		ISO 5211			Top Flange
mm	inch					ΦK	N–Φd	ΦK	N–Φd	ΦK	N–Φd	ΦK	N–Φd	ΦD	ΦD1	N–ΦG	
40	1 1/2"	67	141	32	33	98.5	4–Φ16	110	4–Φ18	110	4–Φ18	105	4–Φ19	65	50	4–Φ8	F05
50	2"	67	141	32	43	120.6	4–Φ19	125	4–Φ18	125	4–Φ18	120	4–Φ19	65	50	4–Φ8	F05
65	2 1/2"	75	151	32	46	139.7	4–Φ19	145	4–Φ18	145	4–Φ18	140	4–Φ19	65	50	4–Φ8	F05
80	3"	95	160	32	46	152.4	4–Φ19	160	8–Φ18	160	8–Φ18	150	8–Φ19	65	50	4–Φ8	F05
100	4"	111	180	32	52	190.5	8–Φ19	180	8–Φ18	180	8–Φ18	175	8–Φ19	90	70	4–Φ10	F07
125	5"	129	193	32	56	215.9	8–Φ22.4	210	8–Φ18	210	8–Φ18	210	8–Φ23	90	70	4–Φ10	F07
150	6"	142	207	32	56	241.3	8–Φ22.4	240	8–Φ22	240	8–Φ22	240	8–Φ23	90	70	4–Φ10	F07
200	8"	170	240	45	60	298.4	8–Φ22.4	295	8–Φ22	295	12–Φ22	290	12–Φ23	125	102	4–Φ12	F10
250	10"	206	270	45	68	361.9	12–Φ25.4	350	12–Φ22	355	12–Φ26	355	12–Φ25	125	102	4–Φ12	F10
300	12"	238	316	45	78	431.8	12–Φ25.4	400	12–Φ22	410	12–Φ26	400	16–Φ25	125	102	4–Φ12	F10
350	14"	267	368	45	78	476.2	12–Φ28.4	460	16–Φ22	470	16–Φ26	445	16–Φ25	125	102	4–Φ12	F10
400	16"	298	400	51	86	539.7	16–Φ28.4	515	12–Φ26	525	16–Φ30	510	16–Φ27	175	140	4–Φ18	F14
450	18"	318	422	51	105	577.8	16–Φ31.8	565	20–Φ26	585	20–Φ30	565	20–Φ27	175	140	4–Φ18	F14
500	20"	349	479	57	130	635	20–Φ31.8	620	20–Φ26	650	20–Φ33	620	20–Φ27	175	140	4–Φ18	F14
600	24"	410	562	70	152	749.3	20–Φ35.1	725	20–Φ30	770	20–Φ36	730	24–Φ33	210	165	4–Φ22	F16

凸耳式对夹蝶阀
Lug type wafer butterfly valve



主要零件及材料Main parts and materials

NO.	零件名称Part name	材料 Material
1	阀体 Body	灰铁 Cast Iron, 球墨铸铁 Ductile Iron 碳钢 WCB , 不锈钢 Stainless Steel, 铜Bronze
2	阀座 Seat	丁腈NBR, 三元乙丙EPDM, 氟橡胶VITON, 聚四氟乙烯PTFE
3	蝶板 Disc	球墨铸铁 Ductile Iron, 碳钢WCB, 304 CF8, 316 CF8M 铝青铜 Al-bronze C958
4	阀轴 Stem	SS416, SS304, SS316
5	连接方式 End Connection	凸耳Lug
6	驱动方式 Operate	手柄Manual, 涡轮Worm gear, 气动Pneumatic, 电动Electric-Motorized
7	蝶板类型 Disc type	有销 With-pin, 通轴无销One stem no-pin, 双半轴Double stem no-pi

设计标准 Valve design

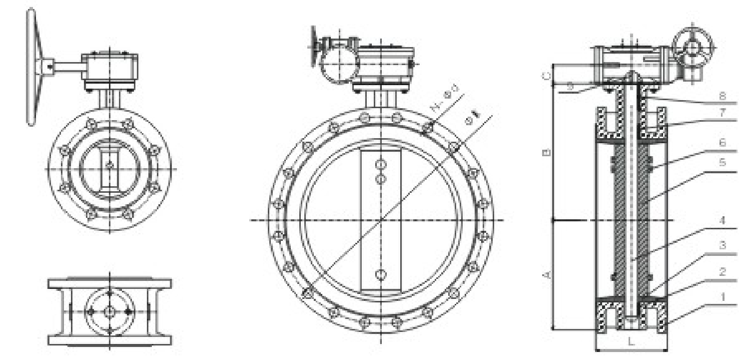
技术规范 Technical specification	
设计标准 Valve design	BS5155, EN593, API 609, MSS SP-67
结构长度 Face to Face	API 609, MSS SP-67, DIN3202, BS EN558-1
试验标准 Pressure test	API 598
连接法兰 Flange Drilling	ANSI B16.1 Class125, BS4504 PN10/PN16 DIN2501 PN10/PN16
上法兰 Top Flange	ISO5211

主要外形及连接尺寸 Main external and connecting dimensions(mm)

PN1.0/1.6MPa(150/200PSI)

Size		A	B	C	D	L	H	D1	n-M	K	E	n1-Φ1	Φ2		J	X	f	Total height
mm	inch																	
50	2"	161	80	43	52.9	32	88.38	125	4-M16	77	57.15	4-6.7	12.6	155	13.8	3	13	
65	$2^1/_2$"	175	89	46	64.5	32	102.54	145	4-M16	77	57.15	4-6.7	12.6	179	13.8	3	13	341
80	3"	181	95	45.21	78.8	32	61.23	160	8-M16	77	57.15	4-6.7	12.6	190	13.8	3	13	357
100	4"	200	114	52.07	104	32	68.88	180	8-M16	92	69.85	4-10.3	15.77	220	17.77	5	13	374
125	5"	213	127	55.5	123.3	32	80.36	210	8-M16	92	69.85	4-10.3	18.92	254	20.92	5	13	410
150	6"	226	139	55.75	155.6	32	91.84	240	8-M20	92	69.85	4-10.3	18.92	285	20.92	5	13	451
200	8"	260	175	60.58	202.5	45	112.89 76.35	295	8-M20 12-M20	115	88.9	4-14.3	22.1	339	24.1	5	13	570
250	10"	292	203	68	250.5	45	90.59 91.88	350 355	12-M20 12-M24	115	88.9	4-14.3	28.45	406	31.45	8	13	658
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	477	34.6	8	20	719
350	14"	386	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	34.6	8	20	765
400	16"	400	325	85.7	389.6	51.2 72	100.48 102.42	515 525	16-M24 16-M27	197	158.75	4-20.6	33.15	579	36.15	10	20	911
450	18"	422	345	104.6	440.5	51.2 72	88.38 91.51	565 858	20-M24 20-M27	197	158.75	4-20.6	37.95	627	41	10	20	962
500	20"	480	378	130.26	491.6	57 82	96.99 101.68	620 650	20-M24 20-M30	197	158.75	4-20.6	41.15	696	44.15	10	22	1049
600	24"	562	475	151.36	592.5	70.2 82	113.42	725 770	20-M27 20-M33	276	215.9	4-22.2	50.65	821	54.65	16	22	1271

双法兰蝶阀
Double flange butterfly valve



主要零件及材料Main parts and materials

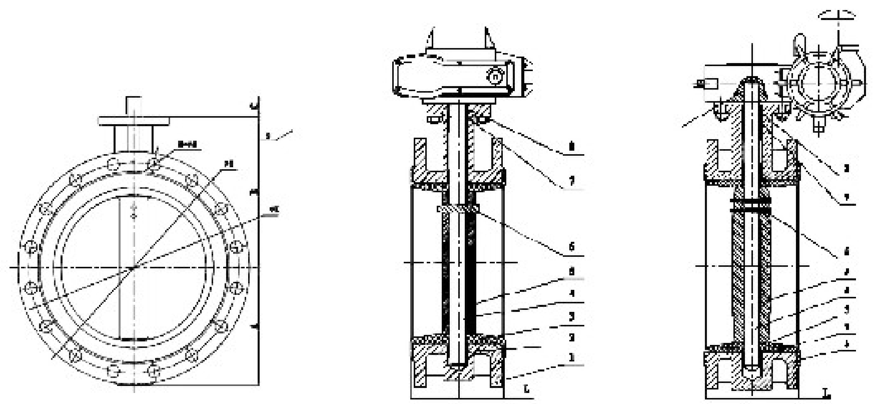
NO.	零件名称Part name	材料 Material
1	阀体 Body	灰铁 Cast Iron, 球墨铸铁 Ductile Iron 碳钢 WCB , 不锈钢 Stainless Steel, 铜Bronze
2	衬套 Bushing	PTFE
3	阀座 Seat	EPDM, NBR
4	阀杆 Stem	SS416, SS304, SS316
5	蝶板 Disc	Ductile Iron, WCB, 304, 316, C95800, 2501
6	销子 Pin	416, 304, 316
7	衬套 Bushing	PTFE
8	O型圈 O-ring	NBR

设计标准 Valve design

技术规范 Technical specification	
设计标准 Valve design	BS5155, EN593, API 609, MSS SP-67
结构长度 Face to Face	BS EN558-1, API 609, MSS SP-67, DIN 3202
试验标准 Pressure test	BS 6755/EN12266, API 598
连接法兰 Flange Drilling	BS4504 PN10/PN16, ANSI B16.1 Class125 DIN2501 PN10/PN16
上法兰 Top Flange	ISO5211

主要外形及连接尺寸 Main external and connecting dimensions(mm)

Size		A	B	C	L	H Total height	ANSI 150B		PN10		PN 16		JIS 10K		Top Flange		
mm	in						ΦK	N-Φd	ΦK	N-Φd	ΦK	N-Φd	ΦK	N-Φd	ΦD	ΦD1	N-ΦG
65	$2^1/_2$"	72	136	32	112	341	139.7	4-Φ19	145	4-Φ18	145	4-Φ18	140	4-Φ19	77	57	4-Φ7
80	3"	88	146	32	114	357	152.4	4-Φ19	160	8-Φ18	160	8-Φ18	150	8-Φ19	65	50	4-Φ7
100	4"	96.5	158	32	127	374	190.5	4-Φ19	180	8-Φ18	180	8-Φ18	175	8-Φ19	90	70	4-Φ10
125	5"	115	179	32	140	410	215.9	8-Φ19	210	8-Φ18	210	8-Φ18	210	8-Φ23	90	70	4-Φ10
150	6"	126	197	32	140	451	241.3	8-Φ22.4	240	8-Φ22	240	8-Φ22	240	8-Φ23	90	70	4-Φ10
200	8"	161	230	45	152	570	298.4	8-Φ22.4	295	8-Φ22	295	12-Φ22	290	12-Φ23	115	89	4-Φ14
250	10"	199	271	45	165	658	361.9	12-Φ25.4	350	12-Φ22	355	12-Φ26	355	12-Φ25	115	89	4-Φ14
300	12"	215	305	45	178	719	431.8	12-Φ25.4	400	12-Φ22	410	12-Φ26	400	16-Φ25	140	108	4-Φ14
350	14"	261	350	45	190	765	476.2	12-Φ28.4	460	16-Φ22	470	16-Φ26	445	16-Φ25	140	108	4-Φ14
400	16"	290	381	51	216	911	539.7	16-Φ28.4	515	16-Φ26	525	16-Φ30	510	16-Φ27	197	159	4-Φ21
450	18"	307	392	51	222	962	577.8	16-Φ31.8	565	20-Φ26	585	20-Φ30	565	20-Φ27	197	159	4-Φ21
500	20"	340	441	57	229	1049	635	20-Φ31.8	620	20-Φ26	650	20-Φ33	620	20-Φ27	197	159	4-Φ21
600	24"	396	500	70	267	1271	749.3	20-Φ35.1	725	20-Φ30	770	20-Φ36	730	24-Φ33	276	216	4-Φ22
700	28"	496	567	66	292	1476	863.6	28-Φ35.1	840	24-Φ30	840	24-Φ36	840	24-Φ33	300	254	8-Φ18
800	32"	543	641	66	318	1533	977.9	28-Φ41.1	950	24-Φ33	950	24-Φ39	950	28-Φ33	300	254	8-Φ18
900	36"	584	692	118	330	1655	1085.8	32-Φ41.1	1050	28-Φ33	1050	28-Φ33	1050	28-Φ33	300	254	8-Φ18
1000	40"	638	735	142	410	1765	1200.2	38-Φ41.1	1160	28-Φ36	1170	28-Φ42	1270	28-Φ39	300	254	8-Φ18
1200	48"	763	917	150	470	1995	1422.4	44-Φ41.1	1380	32-Φ39	1390	32-Φ48	1380	32-Φ39	350	298	8-Φ22
1400	56"	919	1040	160	530	2310	-	-	1590	36-Φ44	1590	36-Φ50	-	-	415	356	8-Φ32
1500	60"	965	1050	165	570	2595	-	-	1700	36-Φ44	1710	36-Φ57	-	-	415	356	8-Φ32



主要零件及材料 Main parts and materials

NO.	零件名称 Part name	材料Material
1	阀体 Body	灰铁 Cast Iron, 球墨铸铁 Ductile Iron 碳钢 WCB，不锈钢 Stainless Steel, 铜Bronze
2	衬套 Bushing	PTFE
3	阀座 Seat	EPDM, NBR
4	阀杆 Stem	SS416, SS304, SS316
5	蝶板 Disc	Ductile Iron, WCB, 304, 316, C95800, 2501
6	销子 Pin	416, 304, 316
7	衬套 Bushing	PTFE
8	O型圈 O-ring	NBR

设计标准 Valve design

技术规范 Technical specification	
设计标准 Valve design	BS 5155, EN593, API 609, MSS SP-67
结构长度 Face to Face	BS EN558-1, API 609, MSS SP-67, DIN3202
试验标准 Pressure test	BS 6755/EN12266, API 598
连接法兰 Flange Drilling	BS4504 PN10/PN16, ANSI B16.1 Class125 DIN2501 PN10/PN16
上法兰 Top Flange	ISO5211

主要外形及连接尺寸 Main external and connecting dimensions(mm)

Size		A	B	C	L	ANSI 150B		PN 10		PN 16		JIS 10K		Top Flange			Electric Actuator Code	Total height
mm	in					ΦK	N-Φd	ΦK	N-Φd	ΦK	N-Φd	ΦK	N-Φd	ΦD	ΦD1	N-ΦG		
65	2 1/2"	72	136	32	112	139.7	4-Φ19	145	4-Φ18	145	4-Φ18	140	4-Φ19	77	57	4-Φ7	BRTEE-5	341
80	3"	88	146	32	114	152.4	4-Φ19	160	8-Φ18	160	8-Φ18	150	8-Φ19	65	50	4-Φ7	BRTEE-5	357
100	4"	96.5	158	32	127	190.5	4-Φ19	180	8-Φ18	180	8-Φ18	175	8-Φ19	90	70	4-Φ10	BRTEE-10	374
125	5"	115	179	32	140	215.9	8-Φ19	210	8-Φ18	210	8-Φ18	210	8-Φ23	90	70	4-Φ10	BRTEE-16	410
150	6"	126	197	32	140	241.3	8-Φ22.4	240	8-Φ22	240	8-Φ22	240	8-Φ23	90	70	4-Φ10	BRTEE-25	451
200	8"	161	230	45	152	298.4	8-Φ22.4	295	8-Φ22	295	12-Φ22	290	12-Φ23	115	89	4-Φ14	BRTEE-25	570
250	10"	199	271	45	165	361.9	12-Φ25.4	350	12-Φ22	355	12-Φ26	355	12-Φ25	115	89	4-Φ14	BRTEE-50	658
300	12"	215	305	45	178	431.8	12-Φ25.4	400	12-Φ22	410	12-Φ26	400	16-Φ25	140	108	4-Φ14	Qz10	719
350	14"	261	350	45	190	476.2	12-Φ28.4	460	16-Φ22	470	16-Φ26	445	16-Φ25	140	108	4-Φ14	Qz10	765
400	16"	290	381	51	216	539.7	16-Φ28.4	515	16-Φ26	525	16-Φ30	510	16-Φ27	197	159	4-Φ21	QZ20	911
450	18"	307	392	51	222	577.8	16-Φ31.8	565	20-Φ26	585	20-Φ30	565	20-Φ27	197	159	4-Φ21	QZ20	962
500	20"	340	441	57	229	635	20-Φ31.8	620	20-Φ26	650	20-Φ33	620	20-Φ27	197	159	4-Φ21	QZ30	1049
600	24"	396	500	70	267	749.3	20-Φ35.1	725	20-Φ30	770	20-Φ36	730	24-Φ33	276	216	4-Φ22	QZ45	1271
700	28"	496	567	66	292	863.6	28-Φ35.1	840	24-Φ30	840	24-Φ36	840	24-Φ33	300	254	8-Φ18	QZ60	1476
800	32"	543	641	66	318	977.9	28-Φ41.1	950	24-Φ33	950	24-Φ39	950	28-Φ33	300	254	8-Φ18	QZ90	1533
900	36"	584	692	118	330	1085.8	32-Φ41.1	1050	28-Φ33	1050	28-Φ33	1050	28-Φ33	300	254	8-Φ18	QZ90	1655
1000	40"	638	735	142	410	1200.2	38-Φ41.1	1160	28-Φ36	1170	28-Φ42	1270	28-Φ39	300	254	8-Φ18	QZ120	1765
1200	48"	763	917	150	470	1422.4	44-Φ41.1	1380	32-Φ39	1390	32-Φ48	1380	32-Φ39	350	298	8-Φ22	QZ120	1995
1400	56"	919	1040	160	530	-	-	1590	36-Φ44	1590	36-Φ50	-	-	415	356	8-Φ32	QZ180	2310
1500	60"	965	1050	165	570	-	-	1700	36-Φ44	1710	36-Φ57	-	-	415	356	8-Φ32	QZ180	2595

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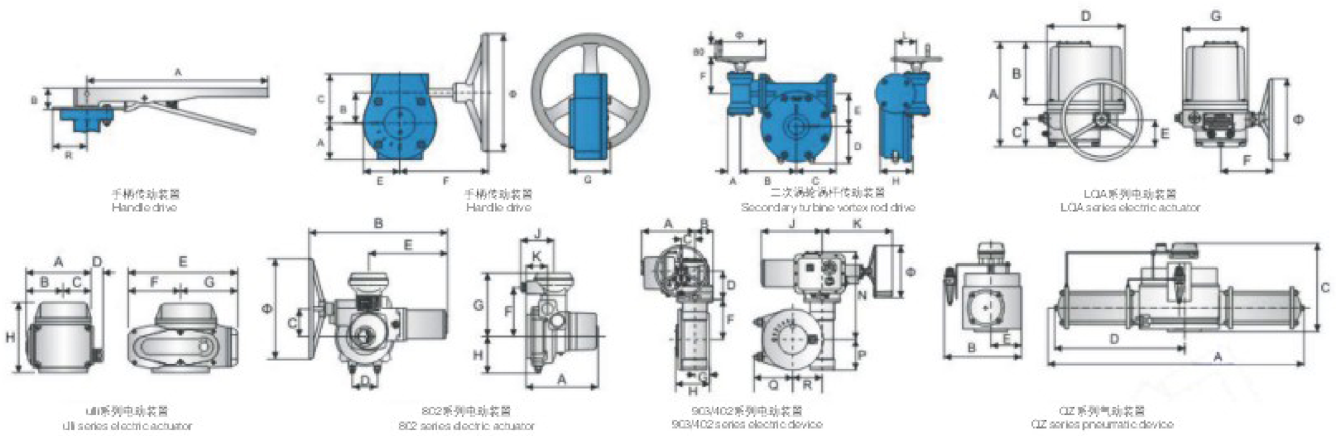
双法兰电动软密封蝶阀
Double flange electric soft seal butterfly valve

Electric device parameters table

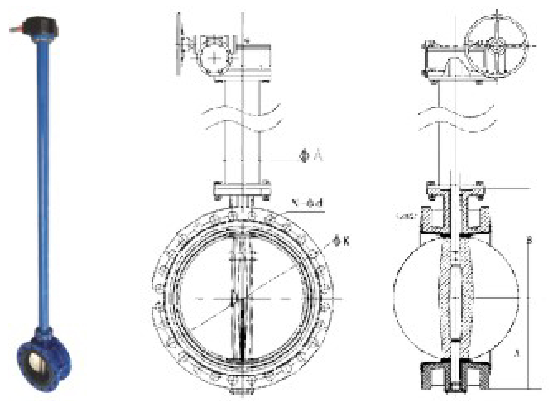


型号 Type	适用规格 Size	最大输出扭矩 Max. Torque Output (N.m)	电机功率 Motor Power(W)	90° 旋转时间 Time for 90° turning(s)	A	B	C	D	E	F	G	H	J	K	N	P	Q	R	Φ	总重 Weight (kg)
0	DN50~150				226.7	32														0.9
	DN200~300				359	50												52		2.3
3D-15	DN50~150				52	45	74		52	152.5	75							75.2	150	5.2
3D-50	DN200~250				75	62.75	101		75	250	86								300	13
3D-120	DN300~350				81	80	118		81	227	83								300	15
3D-30/250	DN400~500				56.5	178.5	121	115	104	174		125.5							300	56.9
3D-30/400	DN600				56.5	197.5	142	144	130	174		145.5							300	72.37
LQA5-1	DN50-80	50	16	15	255	154	70	191	65	126	160								200	17
LQA10-1	DN100	100	30	15	255	154	70	191	65	126	160								200	17
LQA20-1	DN125~150	200	60	15	255	154	70	191	65	126	160								200	17
LQA40-1	DN200	400	90	15	302	171	96	240	86	175	198								300	35
LQA80-1	DN250~300	800	180	15	302	171	96	240	86	175	198								300	35
BQ2 10-1	DN50~100	100	30	15	250	420	79	82	253	156	213	110	132	62					220	35
BQ2 20-1	DN125~150	200	60	15	250	420	79	82	253	156	213	110	132	62					220	35
BQ2 60-1	DN200~300	600	180	15	287	552	110	101	330	196	254	156	134	86					360	55
BQ2 120-1	DN350/PN10 DN300~350/PN16	1200	370	15	287	552	110	101	330	196	254	156	134	86					360	55
BQ2 150-0.5	DN400~450/PN10 DN400/PN16	1500	370	30	287	552	110	101	330	196	254	156	134	86					360	55
BQ2 250-1	DN500/PN10 DN450/PN16	2500	750	15	330	625	140	152	365	230	288	185	134	120					500	100
BQ2 500-0.5	DN600/PN10 DN500~600/PN16	5000	750	30	330	625	140	152	365	230	288	185	134	120					500	100
BQ2 1000-0.2	DN700~900/PN10 DN700~800/PN16	10000	1100	75																
9033. 60/4C36	DN1000/PN10		750	75	311	113	79	160		230	85	195	487	400	506	188	230	170	300	
9033. 60/4C36	DN1000/PN10		1100	50	311	113	79	160		230	85	195	487	400	506	188	230	170	300	
9033. 60/4C36	DN1000/PN10		1500	38	311	113	79	160		230	85	195	487	400	506	188	230	170	300	
9033. 60/4C36	DN1000/PN10		2200	25	311	113	79	160		230	85	195	487	400	506	188	230	170	300	
9034. 90/4C27	DN900/PN16		1500	75	334	150	98	172		280	105	228	508	450	563	232	255	202	400	
9034. 90/4C27	DN900/PN16		2200	50	334	150	98	172		280	105	228	508	450	563	232	255	202	400	
9034. 90/4C27	DN900/PN16		3000	38	334	150	98	172		280	105	228	508	450	563	232	255	202	400	
9034. 120/4C27	DN1200/PN10 DN1000/PN16		1500	75	334	150	98	172		280	105	228	508	450	563	232	255	202	400	
9034. 120/4C27	DN1200/PN10 DN1000/PN16		2200	50	334	150	98	172		280	105	228	508	450	563	232	255	202	400	
9034. 120/4C27	DN1200/PN10 DN1000/PN16		3000	38	334	150	98	172		280	105	228	508	450	563	232	255	202	400	
9034. 120/4C27	DN1200/PN10 DN1000/PN16		4000	25	334	150	98	172		280	105	228	508	450	563	232	255	202	400	
9035. 250/4C28	DN120		3000	75	359	175	128	238		320	125	290	600	535	646	300	305	238	500	
9035. 250/4C28	DN120		4000	50	359	175	128	238		320	125	290	600	535	646	300	305	238	500	
9035. 250/4C28	DN120		5500	38	359	175	128	238		320	125	290	600	535	646	300	305	238	500	
9035. 250/4C28	DN120		7500	25	359	175	128	238		320	125	290	600	535	646	300	305	238	500	
Uli-5	DN50(2")~80(3")	50	10W/F	20	101	56	45	20	155	86	69	115								2.6
Uli-10	DN100(4")~125(5")	100	23W/F	30	115	63	52	26	208	98	110	115								3.7
Uli-25	DN150(6")~200(8")	250	45W/F	30	153	90	63	26	256	123	133	141								6.7
Uli-50	DN250(10")	500	90W/F	30	153	90	63	26	256	126	133	141								7.3
QZ5 启闭 Start & stop	DN50~80	50			235	295	180	130												8
QZ5 调节 Regulate	DN50~80	50			320	265	325	130												8
QZ15 启闭 Start & stop	DN100~150	150			250	325	205	170												15
QZ15 调节 Regulate	DN100~150	150			320	290	345	170												15
QZ45 启闭 Start & stop	DN200~250	450			610	280	380	410	80											35
QZ45 调节 Regulate	DN200~250	450			610	280	400	410	80											35
QZ65 启闭 Start & stop	DN300~350/PN10 DN300/PN16	650			610	305	395	420	110											37
QZ65 调节 Regulate	DN300~350/PN10 DN300/PN16	650			610	305	400	420	110											37
QZ150 启闭 Start & stop	DN400~450/PN10 DN350~400/PN16	1500			765	335	435	500	110											68
QZ150 调节 Regulate	DN400~450/PN10 DN350~400/PN16	1500			765	345	400	500	110											68
QZ200 启闭 Start & stop	DN450	2000			765	335	455	500	110											72
QZ200 调节 Regulate	DN450	2000			765	345	400	500	110											72
QZ300 启闭 Start & stop	DN500~600/PN10 DN500/PN16	3000			870	405	460	600	150											95
QZ300 调节 Regulate	DN500~600/PN10 DN500/PN16	3000			870	415	400	600	150											95
QZ500 启闭 Start & stop	DN700~800/PN10 DN600/PN16	5000			1230	630	450	640	175											140
QZ500 调节 Regulate	DN700~800/PN10 DN600/PN16	5000			1230	430	400	640	175											140

注：1. LQA系列电动装置，防护性能为IP54(GB4208-1998)不具备防爆功能。
2. PN16 DN300用BQ2 120-1
3. BQ2系列电动装置基本型可用于户外，防护性能为IP65(GB4208-1998)；另有防爆型，如有需要，请索取相关技术资料。
4. BQ3系列电动装置基本型可用于户外，防护性能为IP65(GB4208)；另有防爆型，如有需要，请索取相关技术资料。
5. 气动装置可配电磁阀、过滤减压阀及阀位反馈信号装置，并设有防尘罩，但只用于户内，电磁阀可选用220V交流电源，24V直流电源，以上各项要求，均须在订货合同中注明。
6. 敬请询表中未列出的产品数据请与本公司联系。

Note: 1. LQA series electric device with protection performance of IP54(GB4208-1998) has no explosion-proof function.
2. BQ2 120-1 for PN16 DN300
3. Basic type of BQ2 series electric device can be used for outdoor, and the protective performance is IP65(GB4208-1998). Other explosion-proof type, if necessary, please ask for relevant technical information.
4. The basic type of BQ3 series electric device can be used for outdoor, and the protective performance is IP65(GB4208). Other explosion-proof type, if necessary, please ask for relevant technical information.
5. the pneumatic device can be equipped with solenoid valve, filter pressure reducing valve and valve position feedback signal device, and equipped with dust cover, but only for indoor, solenoid valve can choose 220V ac power supply, 24V dc power supply, the above requirements must be specified in the order contract.
6. For the product data not listed in the enquiry table, please contact us.

加长杆软密封蝶阀
Extension bar soft seal butterfly valve



Lengthen bar butterfly valve products lengthen the length of the valve stem, some underground, pipeline indoor, many medium special places to provide convenient switch design of a butterfly valve, to provide convenience for valve control. Reliable seal, long service life, widely used in water plant, power plant, steel mill, paper making, chemical industry, food and other systems supply and drainage, as a regulation and cut-off use.

The flange plates at both ends of the extension rod are connected to the upper flange of the valve and the turbine head respectively, which is easy to remove.

主要零件及材料 Main parts and materials

NO.	零件名称Part name	材料Material
1	阀体 Body	灰铁 Cast Iron, 球墨铸铁 Ductile Iron 碳钢 WCB , 不锈钢 Stainless Steel, 铜Bronze
2	衬套 Bushing	PTFE
3	阀座 Seat	EPDM, NBR
4	阀杆 Stem	SS416, SS304, SS316
5	蝶板 Disc	Ductile Iron, WCB, 304, 316, C95800, 2501
6	销子 Pin	416, 304, 316
7	衬套 Bushing	PTFE
8	O型圈 Q-ring	NBR

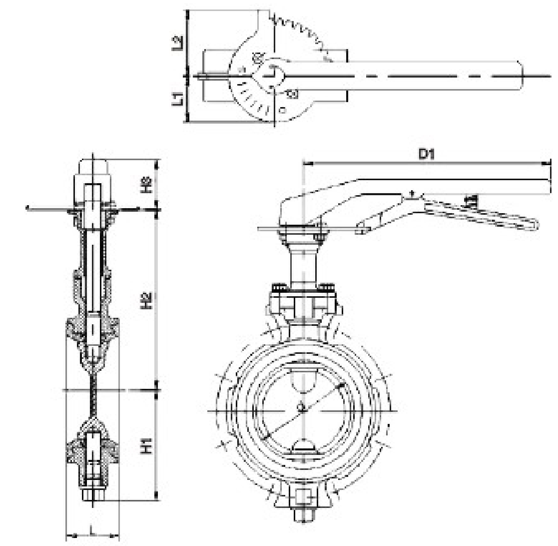
设计标准 Valve design

技术规范 Technical specification	
设计标准 Valve design	BS 5155, API 609, MSS SP-67
结构长度 Face to Face	BS EN558-1, API 609, MSS SP-67, DIN3202
试验标准 Pressure test	BS 6755/EN12266, API 598
连接法兰 Flange Drilling	BS4504 PN10/PN16, ANSI B16.1 Class125 DIN2501 PN10/PN16
上法兰 Top Flange	ISO5211

主要外形及连接尺寸 Main external and connecting dimensions(mm)

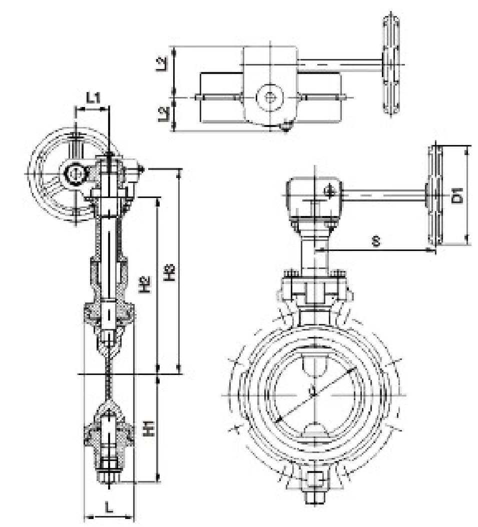
Size		A	B	C	L	ANSI 150B		PN 10		PN 16		JIS 10K		Top Flange		
mm	in					ΦK	N-Φd	ΦK	N-Φd	ΦK	N-Φd	ΦK	N-Φd	ΦD	ΦD1	N-ΦG
65	2 1/2"	72	136	32	112	139.7	4-Φ19	145	4-Φ18	145	4-Φ18	140	4-Φ19	77	57	4-Φ7
80	3"	88	146	32	114	152.4	4-Φ19	160	8-Φ18	160	8-Φ18	150	8-Φ19	65	50	4-Φ7
100	4"	96.5	158	32	127	190.5	4-Φ19	180	8-Φ18	180	8-Φ18	175	8-Φ19	90	70	4-Φ10
125	5"	115	179	32	140	215.9	8-Φ19	210	8-Φ18	210	8-Φ18	210	8-Φ23	90	70	4-Φ10
150	6"	126	197	32	140	241.3	8-Φ22.4	240	8-Φ22	240	8-Φ22	240	8-Φ23	90	70	4-Φ10
200	8"	161	230	45	152	298.4	8-Φ22.4	295	8-Φ22	295	12-Φ22	290	12-Φ23	115	89	4-Φ14
250	10"	199	271	45	165	361.9	12-Φ25.4	350	12-Φ22	355	12-Φ26	355	12-Φ25	115	89	4-Φ14
300	12"	215	305	45	178	431.8	12-Φ25.4	400	12-Φ22	410	12-Φ26	400	16-Φ25	140	108	4-Φ14
350	14"	261	350	45	190	476.2	12-Φ28.4	460	16-Φ22	470	16-Φ26	445	16-Φ25	140	108	4-Φ14
400	16"	290	381	51	216	539.7	16-Φ28.4	515	16-Φ26	525	16-Φ30	510	16-Φ27	197	159	4-Φ21
450	18"	307	392	51	222	577.8	16-Φ31.8	565	20-Φ26	585	20-Φ30	565	20-Φ27	197	159	4-Φ21
500	20"	340	441	57	229	635	20-Φ31.8	620	20-Φ26	650	20-Φ33	620	20-Φ27	197	159	4-Φ21
600	24"	396	500	70	267	749.3	20-Φ35.1	725	20-Φ30	770	20-Φ36	730	24-Φ33	276	216	4-Φ22
700	28"	496	567	66	292	863.6	28-Φ35.1	840	24-Φ30	840	24-Φ36	840	24-Φ33	300	254	8-Φ18
800	32"	543	641	66	318	977.9	28-Φ41.1	950	24-Φ33	950	24-Φ39	950	28-Φ33	300	254	8-Φ18
900	36"	584	692	118	330	1085.8	32-Φ41.1	1050	28-Φ33	1050	28-Φ33	1050	28-Φ33	300	254	8-Φ18
1000	40"	638	735	142	410	1200.2	38-Φ41.1	1160	28-Φ36	1170	28-Φ42	1270	28-Φ39	300	254	8-Φ18
1200	48"	763	917	150	470	1422.4	44-Φ41.1	1380	32-Φ39	1390	32-Φ48	1380	32-Φ39	350	298	8-Φ22
1400	56"	919	1040	160	530	–	–	1590	36-Φ44	1590	36-Φ50	–	–	415	356	8-Φ32
1500	60"	965	1050	165	570	–	–	1700	36-Φ44	1710	36-Φ57	–	–	415	356	8-Φ32

防结露蝶阀
Anti-knot dew butterfly valve



主要外形及连接尺寸 Main external and connecting dimensions(mm)

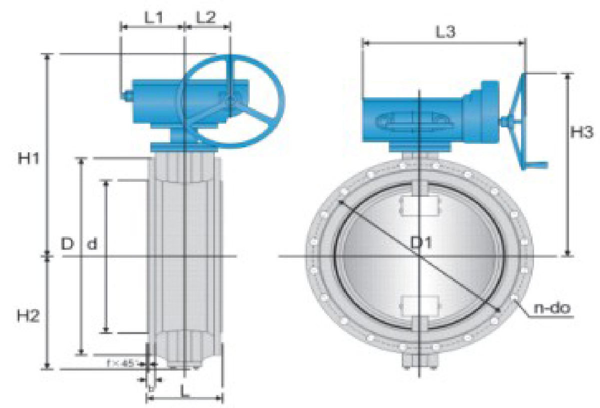
Size		d	L	H1	H2	H3	L1	L2	D1
Inch	mm								
1 1/2"	40	42	33	70	145	1 1/2"	1 1/2"	1 1/2"	1 1/2"
2"	50	52	43	82	145	2"	2"	2"	2"
2 1/2"	65	67	46	90	157	2 1/2"	2 1/2"	2 1/2"	2 1/2"
3"	80	80	46	99	165	3"	3"	3"	3"
4"	100	102	52	112	183	4"	4"	4"	4"
5"	125	126	56	132	196	5"	5"	5"	5"
6"	150	150	56	146	214	6"	6"	6"	6"



主要外形及连接尺寸 Main external and connecting dimensions(mm)

Size		d	L	H1	H2	H3	L1	L2	L3	S	D1
Inch	mm										
1 1/2"	40	42	33	70	145	168	35	35	56	132	100
2"	50	52	43	82	145	168					
2 1/2"	65	67	46	90	157	180					
3"	80	80	46	99	165	188					
4"	100	102	52	112	183	206	41	39	68		
5"	125	126	56	132	196	220	58	48	89	149	140
6"	150	150	56	146	214	238					
8"	200	199	60	188	241	272					
10"	250	248	68	220	320	367	67	61	97	178	200
12"	300	297	78	255	355	402		63			

偏心软密封蝶阀
Eccentric soft sealing butterfly valve



主要零件及材料 Main parts and materials

零件名称 Part name	材料 Material
阀体 Body Materials	球墨铸铁Ductile Iron, 碳钢WCB , 不锈钢Stainless Steel, 铜Bronze
阀座 Seat Materials	丁腈NBR, 三元乙丙EPDM, 聚四氟乙烯PTFE
蝶板 Disc Materials	球墨铸铁 Ductile Iron, 碳钢 WCB, 304 CF8, 316 CF8M 铝青铜 Al-bronze C958
阀轴 Stem Materials	SS416, SS304, SS316
连接方式 End Connection	法兰 Flange
驱动方式 Operate	涡轮Worm gear, 气动Pneumatic, 电动Electric-Motorized
阀座类型 Seat Type	Seat on the body, Seat on the disc, T-shaped seat

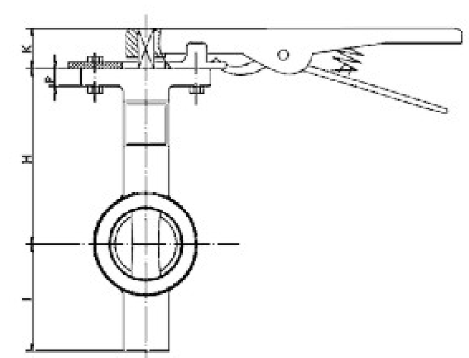
设计标准 Valve design

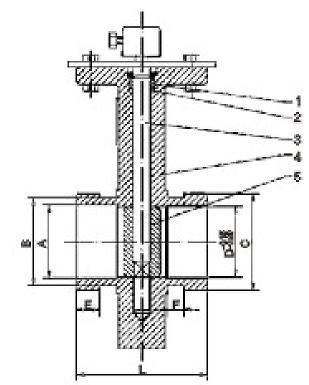
技术规范 Technical specification	
设计标准 Valve design	API609, AWWA-C504, BS En593, GB/T12238
结构长度 Face to Face	API609, ASME B16.10, BS En558, GB/T12221
连接法兰 Flange Drilling	ASME B16.42, ASME B16.47, BS EN1092-2 GB/T9113, GB/T 17241.6
试验标准 Pressure Test	API598, BS EN12266, GB/T 13927

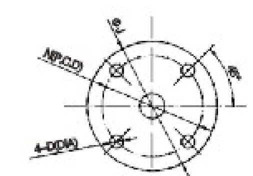
主要外形及连接尺寸 Main external and connecting dimensions(mm)

DN	PN0.6MPa/1.0MPa/1.6MPa						PN0.6MPa				PN1.0MPa				PN1.6MPa				L	
	H1	H2	H3	L1	L2	L3	D	D1	d	n-do	D	D1	d	n-do	D	D1	d	n-do	13系列	14系列
100	310	109	242	52	45	210	210	170	144	4-Φ19	220	180	156	8-Φ19	220	180	156	8-Φ19	127	190
150	440	143	340	52	45	210	265	225	199	8-Φ19	285	240	211	8-Φ23	285	240	211	8-Φ23	140	210
200	510	182	410	77	63	315	320	280	254	8-Φ19	340	295	266	8-Φ23	340	295	266	12-Φ23	152	230
250	565	219	445	77	63	315	375	335	309	12-Φ19	395	350	319	12-Φ23	405	355	319	12-Φ28	165	250
300	630	244	480	95	72	242	440	395	363	12-Φ23	445	400	370	12-Φ23	460	410	370	12-Φ28	178	270
350	715	283	565	110	91	275	490	445	413	12-Φ23	505	460	429	16-Φ23	520	470	429	16-Φ28	190	290
400	750	312	600	220	91	275	540	495	463	16-Φ23	565	515	480	16-Φ28	580	525	480	16-Φ31	216	310
450	820	344	670	147	147	420	595	550	518	16-Φ23	615	565	530	20-Φ28	640	585	548	20-Φ31	222	330
500	845	381	695	147	147	420	645	60	568	20-Φ23	670	620	582	20-Φ28	715	650	609	20-Φ34	229	350
600	950	451	785	533	179	476	755	705	667	20-Φ26	780	725	682	20-Φ31	840	770	720	20-Φ37	267	390
700	1010	526	845	533	179	476	860	810	772	24-Φ26	895	840	794	24-Φ31	910	840	794	24-Φ37	292	430
800	1140	581	975	655	217	577	975	920	878	24-Φ31	1015	950	901	24-Φ34	1025	950	901	24-Φ40	318	470
900	1197	643	1032	655	217	577	1075	1020	978	24-Φ31	1115	1050	1001	28-Φ34	1125	1050	1001	28-Φ40	330	510
1000	1277	722	1112	655	217	577	1175	1120	1078	28-Φ31	1230	1160	1112	28-Φ37	1255	1170	1112	28-Φ43	410	550
1200	1511	840	1286	748	262	664	1405	1340	1295	32-Φ34	1455	1380	1328	32-Φ40	1485	1390	1328	32-Φ49	470	630
1400	1750	1150	1515	884	334	790	1630	1560	1510	36-Φ37	1675	1590	1530	36-Φ43	1685	1590	1530	36-Φ49	530	710
1500	1870	1305	1635	884	334	790	1830	1760	1710	40-Φ31	1915	1820	1750	40-Φ49	1820	1710	1640	36-Φ67	600	790
1600	1870	1305	1635	884	334	790	1830	1760	1710	40-Φ37	1915	1820	1750	40-Φ49	1930	1820	1750	40-Φ56	600	790

沟槽蝶阀
Grooved butterfly valves







主要零件及材料 Main parts and materials

零件名称 Part name	材料 Material
阀体 Body Materials	球墨铸铁 Ductile Iron
阀座 Seat Materials	丁腈 NBR, 三元乙丙 EPDM
蝶板 Disc Materials	球墨铸铁+EPDM/NBR Ductile Iron + EPDM/NBR lined
阀轴 Stem Materials	SS416, 304
连接方式 End Connection	沟槽Grooved
驱动方式 Operate	手柄Manual, 涡轮Worm gear, 信号涡轮头Signal turbine head

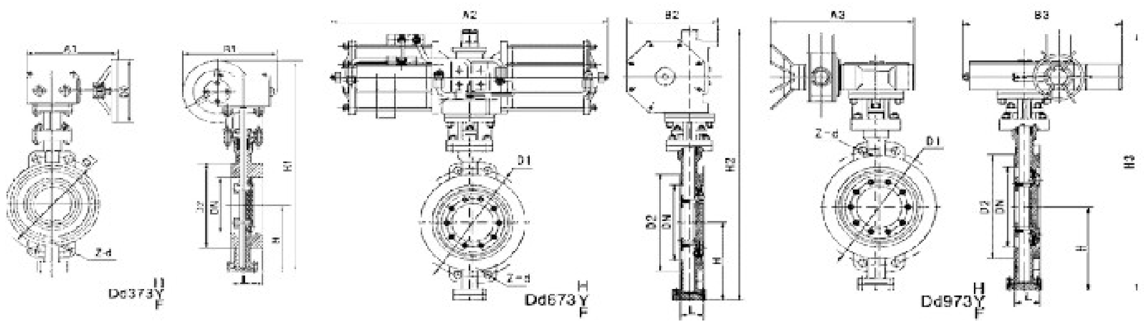
设计标准 Valve design

技术规范 Technical specification	
设计标准 Valve design	AWWAC606, KSB2822, GB5135.11
结构长度 Face to Face	KSB2822 MSS SP67
试验标准 Pressure test	API598, EN12266-1, ISO5208
连接法兰 Flange Drilling	AWWAC606, KSB2822, GB5135.11

主要外形及连接尺寸 Main external and connecting dimensions(mm)

SIZE	A	B	C	D	E	F	H	I	J	L	N	O	P	K
2"	50	60.3	67	48.8	16	11	119	55	90	90	70	9	12	26
2 1/2"	61	69.1	73	59.8	16	11	125.5	62.5	90	97	70	9	12	26
3"	80	88.9	97	79.1	16	11	131.5	75	90	97	70	9	12	26
4"	101	114.3	122.5	99	16	11	151	90	90	116	70	9	14	30
5"	127	137	141.3	123.8	16	11	171.5	108	90	134	70	9	14	30
6"	150	165	175	146.8	16	11	183	118	90	134	70	9	14	30
8"	202	219	232	198.8	20.5	11	205.4	148	125	148	102	11	18	41
10"	253	278	286	248.8	20.5	11	250	186	125	160	102	11	18	41
12"	303	323.9	336.5	298.5	20.5	11	275	213	125	166	102	11	18	41

三偏心金属硬密封对夹蝶阀
Three eccentric metal seals wafe butterfly valve



主要零件及材料 Main parts and materials

NO.	零件名称 Part name	材料 Material
1	阀体 Body	碳钢WCB，不锈钢Stainless Steel 铬钼钢Cr-Mo steel，合金钢Alloy steel
2	密封圈 Sealing ring	不锈钢+柔性石墨Stainless Steel+Flexible graphite 聚四氟乙烯PTFE
3	蝶板 Disc	碳钢WCB，不锈钢Stainless Steel 铬钼钢Cr-Mo steel，合金钢Alloy steel
4	阀杆 Stem	2CR13，不锈钢 Stainless Steel
5	填料 Packing	柔性石墨Flexible graphite，聚四氟乙烯PTFE
6	驱动方式 Operate	涡轮 Worm gear，气动 Pneumatic， 电动 Electric-Motorized

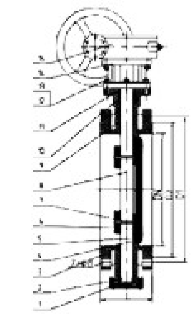
设计标准 Valve design

技术规范 Technical specification	
设计标准 Valve design	API 609，JIS B2064，JB/T 18527
结构长度 Face to Face	ANSI B16.10-92，JIS B2002-87，GB/T 12221-89
试验标准 Pressure test	API 598，FIS B2003-87，GB/T 13927-92
连接法兰 Flange Drilling	ANSI B165a MSS-SP-44，JIS B2212-2216，GB/T 9113.1

主要外形及连接尺寸 Main external and connecting dimensions(mm)

mm	Inch	L	H	D373H D373Y			D673H			D973H			0.6MPa		1.0MPa		1.6MPa		2.5MPa	
				H1	A1	B1	H2	A2	B2	H3	A3	B3	D1	Z-d	D1	Z-d	D1	Z-d	D1	Z-d
50	2"	43	112	350	180	200	625	245	72	530	250	255	110	4-14	125	4-18	125	4-18	125	4-18
65	2 1/2"	46	115	370	180	200	625	245	72	530	250	255	130	4-14	145	4-18	145	4-18	145	8-18
80	3"	49	120	380	180	200	645	245	72	565	250	255	150	4-18	160	8-18	160	8-18	160	8-18
100	4"	56	138	420	180	200	675	355	92	600	250	255	170	4-18	180	8-18	180	8-18	190	8-22
125	5"	64	164	460	180	200	715	355	92	640	250	255	200	8-18	210	8-18	210	8-18	220	8-26
150	6"	70	175	555	270	280	800	355	92	705	300	315	225	8-18	240	8-22	240	8-22	250	8-26
200	8"	71	208	605	270	280	850	250	170	775	300	315	280	8-18	295	8-22	295	12-22	310	12-28
250	10"	76	243	680	270	280	925	250	170	945	300	315	335	12-18	350	12-22	355	12-26	370	12-30
300	12"	83	283	800	380	420	1035	450	200	1070	300	315	395	12-22	400	12-22	410	12-26	430	16-30
350	14"	92	310	835	380	420	1070	450	220	1140	300	315	445	12-22	560	16-22	470	16-26	490	16-33
400	16"	102	340	915	450	470	1190	450	220	1210	300	315	495	16-22	515	16-26	525	16-30	550	16-36
450	18"	114	380	960	480	490	1250	650	280	1335	575	714	550	16-22	565	20-26	585	20-30	600	20-36
500	20"	127	410	1020	480	490	1290	650	280	1415	575	714	600	20-22	620	20-26	650	20-33	660	20-36
600	24"	154	470	1225	480	490	1455	850	380	1605	656	810	705	20-26	725	20-30	770	20-36	770	20-39
700	28"	165	550	1355	640	660	1585	850	380	1844	656	810	810	24-26	840	24-30	840	24-36	875	24-42
800	32"	190	640	1470	640	660	1700	1250	380	2040	656	810	920	24-30	950	24-33	950	24-39	990	24-48
900	36"	203	710	1545	750	860	1965	1250	380	2255	785	863	1020	24-30	1050	28-33	1050	28-39	1090	28-48
1000	40"	216	770	1795	850	900	2015	1250	380	2380	785	863	1120	28-30	1160	28-36	1170	28-42	1210	28-56
1200	48"	254	890	1965	850	900	2250	1250	380	2640	785	863	1340	32-33	1380	32-39	1390	32-48	1420	32-56

三偏心金属硬密封法兰蝶阀
Three eccentric metal hard seal flange butterfly valve



主要零件及材料 Main parts and materials

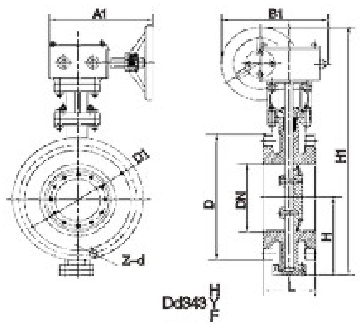
NO.	零件名称 Part name	材料 Material
1	Base support	Q235B
2	Bushing	Composite parts
3	Body	WCB
4	压板	Q235B
5	Seal ring	Steel plate+High temperxture cardboard
6	Disc	WCB
7	Pins	45
8	Stem	2Cr13
9	Shaft sleeve	Composite parts
10	Packing	Flexible graphite
11	Packing gland	WCB
12	Bolts	A193 B7
13	Nuts	A194 2H
14	Support	WCB
15	Gear	Component units

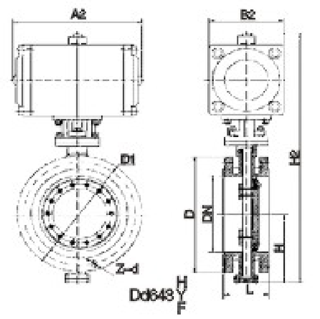
设计标准 Valve design

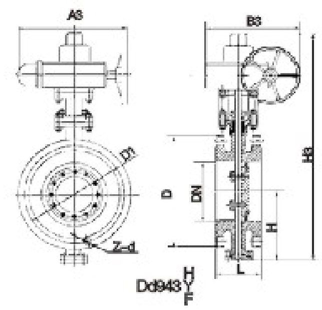
技术规范 Technical specification	
设计标准 Valve design	BS 5155，API 609，JIS B2064，JB/T 18527
结构长度 Face to Face	BS EN558-1，ANSI B16.10-92 JIS B2002-87，GB/T 12221-89
试验标准 Pressure test	BS 6755/EN12266，API 598 FIS B2003-87，GB/T 13927-92
连接法兰 Flange Drilling	ANSI B165a MSS-SP-44，JIS B2212-2216，GB/T 9113.1

主要外形及连接尺寸 Main external and connecting dimensions(mm)

mm	Inch	L		H	Dd343H			Dd643H			Dd943H			PN1.6MPa			PN2.5MPa		
		Short	Long		H1	A1	B1	H2	A2	B2	H3	A3	B3	D1	D1	Z-d	D1	D1	Z-d
40	1 1/2"	106	140	107	330	180	200	625	245	72	530	250	255	150	110	4-18	150	110	4-18
50	2"	108	150	112	350	180	200	625	245	72	530	250	255	165	125	4-18	165	125	4-18
65	2 1/2"	112	170	115	370	180	200	625	245	72	530	250	255	185	145	4-18	185	145	8-18
80	3"	114	180	120	380	180	200	645	245	72	565	250	255	200	160	8-18	200	160	8-18
100	4"	127	190	138	420	180	200	675	355	92	600	250	255	220	180	8-18	235	190	8-22
125	5"	140	200	164	460	180	200	715	355	92	640	250	255	250	210	8-18	270	220	8-26
150	6"	140	210	175	555	270	280	800	355	92	705	300	315	285	240	8-22	300	250	8-26
200	8"	152	230	200	760	400	425	850	250	170	775	300	315	340	295	12-22	360	310	12-26
250	10"	165	250	243	830	400	425	925	250	170	945	300	315	405	355	12-26	425	370	12-30
300	12"	178	270	250	895	450	560	1035	450	220	1070	300	315	460	410	12-26	485	430	16-30
350	14"	190	290	280	950	450	560	1070	450	220	1140	300	315	520	470	16-26	555	490	16-33
400	16"	216	310	305	1190	535	580	1190	450	220	1210	300	315	580	525	16-30	620	550	16-36
450	18"	222	330	350	1255	535	580	1250	650	280	1335	575	714	640	585	20-30	670	600	20-36
500	20"	229	350	380	1305	535	580	1290	650	280	1415	575	714	715	650	20-33	730	660	20-36
600	24"	267	390	445	1340	570	660	1455	850	380	1605	656	810	840	770	20-36	845	770	20-39
700	28"	292	430	480	1520	750	550	1585	850	380	1844	656	810	910	840	24-26	960	875	24-42
800	32"	318	470	530	1710	750	550	1700	1250	380	2040	656	810	1025	950	24-39	1085	990	24-48
900	36"	330	510	580	1810	750	550	1865	1250	380	2255	785	863	1125	1050	28-39	1185	1090	28-48
1000	40"	410	550	650	1960	900	750	2015	1250	380	2380	785	863	1255	1170	28-42	1320	1210	28-56
1200	48"	470	630	760	2250	1000	925	2250	1250	380	2640	785	863	1485	1390	32-48	1530	1420	32-56
1400	56"	530	710	850	2435	1000	925				2886			1685	1590	26-48	1755	1640	36-60
1500	60"	530	710	900	2435	1000	925				2886			1785	1690	36-48	1855	1740	36-62
1600	64"	600	790	1030	2780	1000	925				3156			1930	1820	40-56	1975	1860	40-60
1800	72"	670	870	1230	3020	1100	980				3421			2130	2020	44-56	2195	2070	44-68
2000	80"	760	950	1350	3270	1100	980				3685			2345	2230	48-62	2425	2300	48-68







主要零件及材料 Main parts and materials

NO.	零件名称 Part name	材料 Material
1	Base support	Q235B
2	Bushing	Composite parts
3	Body	WCB
4	压板	Q235B
5	Seal ring	Steel plate+High temperxture cardboard
6	Disc	WCB
7	Pins	45
8	Stem	2Cr13
9	Shaft sleeve	Composite parts
10	Packing	Flexible graphite
11	Pasking gland	WCB
12	Bolts	A193 B7
13	Nuts	A194 2H
14	Support	WCB
15	Gear	Component units

设计标准 Valve design

技术规范 Technical specification	
设计标准 Valve design	BS 5155, EN593, API 609 JIS B2064, JB/T 18527
结构长度 Face to Face	BS EN558-1, ANSI B16.10-92 JIS B2002-87, GB/T 12221-89
试验标准 Pressure test	BS 6755/EN12266, API 598 FIS B2003-87, GB/T 13927-92
连接法兰 Flange Drilling	ANSI B165a MSS-SP-44, JIS B2212-2216, GB/T 9113.1 EN1092-2(1997), EN1092-1

主要技术参数 Main Technical Parameter

公称通径 Nominal diamater	DN(mm)	50-1200				
公称压力 Nominal pressure	PN(MPa)	0.6	1.0	1.6	2.5	4.0
试验压力 Ps(MPa) Test pressure	强度试验 Intensity Test	0.9	1.5	2.4	3.75	6.0
	密封试验 Seal test	0.68	1.1	1.76	2.75	4.4
	气密封试验 Air Test	0.6	0.6	0.6	0.6	0.6
适用介质 Applicable Medium	水、蒸气、油品、酸类腐蚀性等 Water, steam, oil products, corrosive acid, etc.					
适用温度 Applicable Temperature	碳钢 Carton steel: -29℃~425℃ 不锈钢Stainless steel: -40℃~600℃					

WESDOM
www.wsdvalve.com
www.hawsd.com
三偏心金属硬密封法兰蝶阀
Three eccentric metal hard seal flange butterfly valve

主要外形及连接尺寸 Main external and connecting dimensions(mm)

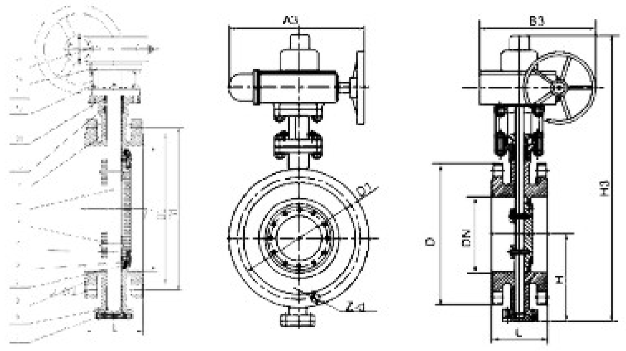
mm	Inch	L		Total height	Dd343H			Dd643H			Dd943H			PN1.6MPa			PN2.5MPa		
		Short	Long		H1	A1	B1	H2	A2	B2	H3	A3	B3	D1	D1	Z-d	D1	D1	Z-d
40	1 1/2"	106	140	330	330	180	200	625	245	72	530	250	255	150	110	4-18	150	110	4-18
50	2"	108	150	337	350	180	200	625	245	72	530	250	255	165	125	4-18	165	125	4-18
65	2 1/2"	112	170	368	370	180	200	625	245	72	530	250	255	185	145	4-18	185	145	8-18
80	3"	114	180	385	380	180	200	645	245	72	565	250	255	200	160	8-18	200	160	8-18
100	4"	127	190	420	420	180	200	675	355	92	600	250	255	220	180	8-18	235	190	8-22
125	5"	140	200	485	460	180	200	715	355	92	640	250	255	250	210	8-18	270	220	8-26
150	6"	140	210	570	555	270	280	800	355	92	705	300	315	285	240	8-22	300	250	8-26
200	8"	152	230	630	760	400	425	850	250	170	775	300	315	340	295	12-22	360	310	12-26
250	10"	165	250	740	830	400	425	925	250	170	945	300	315	405	355	12-26	425	370	12-30
300	12"	178	270	815	895	450	560	1035	450	220	1070	300	315	460	410	12-26	485	430	16-30
350	14"	190	290	920	950	450	560	1070	450	220	1140	300	315	520	470	16-26	555	490	16-33
400	16"	216	310	960	1190	535	580	1190	450	220	1210	300	315	580	525	16-30	620	550	16-36
450	18"	222	330	1070	1255	535	580	1250	650	280	1335	575	714	640	585	20-30	670	600	20-36
500	20"	229	350	1188	1305	535	580	1290	650	280	1415	575	714	715	650	20-33	730	660	20-36
600	24"	267	390	1340	1340	570	660	1455	850	380	1605	656	810	840	770	20-36	845	770	20-39
700	28"	292	430	1500	1520	750	550	1585	850	380	1844	656	810	910	840	24-26	960	875	24-42
800	32"	318	470	1650	1710	750	550	1700	1250	380	2040	656	810	1025	950	24-39	1085	990	24-48
900	36"	330	510	1860	1810	750	550	1865	1250	380	2255	785	863	1125	1050	28-39	1185	1090	28-48
1000	40"	410	550	1950	1960	900	750	2015	1250	380	2380	785	863	1255	1170	28-42	1320	1210	28-56
1200	48"	470	630	2585	2250	1000	925	2250	1250	380	2640	785	863	1485	1390	32-48	1530	1420	32-56
1400	56"	530	710	2900	2435	1000	925				2886			1685	1590	26-48	1755	1640	36-60
1500	60"	530	710	2800	2435	1000	925				2886			1785	1690	36-48	1855	1740	36-62
1600	64"	600	790	2900	2780	1000	925				3156			1930	1820	40-56	1975	1860	40-60
1800	72"	670	870	2745	3020	1100	980				3421			2130	2020	44-56	2195	2070	44-68
2000	80"	760	950	3030	3270	1100	980				3685			2345	2230	48-62	2425	2300	48-68

注：连接法兰标准按照EN1092-2(1997)
Note: Standard for connection flanges: EN 1092-2(1997)

主要外形及连接尺寸 Main external and connecting dimensions(mm)

mm	L		H	Dd343H			Dd643H			Dd943H			PN4.0MPa		
	Short	Long		H1	A1	B1	H2	A2	B2	H3	A3	B3	D	D1	Z-d
50	108	150	112	350	180	200	625	250	170	530	250	255	165	125	4-18
65	112	170	115	370	270	280	625	250	170	530	250	255	185	145	8-18
80	114	180	120	380	270	280	645	250	170	565	250	255	200	160	8-18
100	127	190	138	420	270	280	675	250	170	600	250	255	235	190	8-22
125	140	200	164	460	380	420	715	450	220	640	250	255	270	220	8-23
150	140	210	175	555	380	420	800	450	220	705	300	315	300	250	8-26
200	152	230	208	760	400	425	850	450	220	775	300	315	375	320	12-30
250	165	250	243	830	400	425	925	450	280	945	300	315	450	385	12-33
300	178	270	263	895	450	560	1035	650	280	1070	300	315	515	450	16-33
350	190	290	310	950	450	560	1070	650	280	1140	300	315	580	510	16-36
400	216	310	350	1190	535	580	1190	650	280	1210	300	315	660	585	16-39
450	222	330	380	1255	535	580				1335	575	714	685	610	20-39
500	229	350	410	1305	535	580				1415	575	714	755	670	20-42

注：连接法兰标准按照EN1092-2(1997)
Note: Standard for connection flanges: EN 1092-2(1997)



主要零件及材料 Main parts and materials

NO.	零件名称Part name	材料 Material
1	Base support	Q235B
2	Bushing	Composite parts
3	Body	WCB
4	压板	Q235B
5	Sealring	Steel plate+High temperxture cardboard
6	Disc	WCB
7	Pins	45
8	Stem	2Cr13
9	Shaft sleeve	Composite parts
10	Packing	Flexible graphite
11	Pasking gland	WCB
12	Bolts	A193 B7
13	Nuts	A194 2H
14	Support	WCB
15	Gear	Component units

设计标准 Valve design

技术规范Technical specification	
设计标准 Valve design	BS 5155, EN593, API 609 JIS B2064, JB/T 18527
结构长度 Face to Face	BS EN558-1, ANSI B16.10-92 JIS B2002-87, GB/T 12221-89
试验标准 Pressure test	BS 6755/EN12266, API 598 FIS B2003-87, GB/T 13927-92
连接法兰 Flange Drilling	ANSI B165a MSS-SP-44,JIS B2212-2216, GB/T 9113.1, EN1092-1

主要外形及连接尺寸 Main external and connecting dimensions(mm)

mm	Inch	L		H	Dd343H			Dd643H			Dd943H			PN1.6MPa			PN2.5MPa			Electric Actuator Code		Total height
		Short	Long		H1	A1	B1	H2	A2	B2	H3	A3	B3	D1	D1	Z-d	D1	D1	Z-d	1.6MPa	2.5MPa	
40	1 1/2"	106	140	107	330	180	200	625	245	72	530	250	255	150	110	4-18	150	110	4-18	Q10	Q20	330
50	2"	108	150	112	350	180	200	625	245	72	530	250	255	165	125	4-18	165	125	4-18	Q10	Q20	337
65	2 1/2"	112	170	115	370	180	200	625	245	72	530	250	255	185	145	4-18	185	145	8-18	Q10	Q20	368
80	3"	114	180	120	380	180	200	645	245	72	565	250	255	200	160	8-18	200	160	8-18	Q10	Q20	385
100	4"	127	190	138	420	180	200	675	355	92	600	250	255	220	180	8-18	235	190	8-22	Q20	Q30	420
125	5"	140	200	164	460	180	200	715	355	92	640	250	255	250	210	8-18	270	220	8-26	Q30	Q40	485
150	6"	140	210	175	555	270	280	800	355	92	705	300	315	285	240	8-22	300	250	8-26	Q40	Q40	570
200	8"	152	230	200	760	400	425	850	250	170	775	300	315	340	295	12-22	360	310	12-26	Z10	Z10	630
250	10"	165	250	243	830	400	425	925	250	170	945	300	315	405	355	12-26	425	370	12-30	Z10	Z15	740
300	12"	178	270	250	895	450	560	1035	450	220	1070	300	315	460	410	12-26	485	430	16-30	Z15	Z15	815
350	14"	190	290	280	950	450	560	1070	450	220	1140	300	315	520	470	16-26	555	490	16-33	Z20	Z20	920
400	16"	216	310	305	1190	535	580	1190	450	220	1210	300	315	580	525	16-30	620	550	16-36	Z30	Z30	960
450	18"	222	330	350	1255	535	580	1250	650	280	1335	575	714	640	585	20-30	670	600	20-36	Z30	Z30	1070
500	20"	229	350	380	1305	535	580	1290	650	280	1415	575	714	715	650	20-33	730	660	20-36	Z30	Z45	1188
600	24"	267	390	445	1340	570	660	1455	850	380	1605	656	810	840	770	20-36	845	770	20-39	Z60	Z90	1340
700	28"	292	430	480	1520	750	550	1585	850	380	1844	656	810	910	840	24-26	960	875	24-42	Z90	Z90	1500
800	32"	318	470	530	1710	750	550	1700	1250	380	2040	656	810	1025	950	24-39	1085	990	24-48	Z90	Z120	1650
900	36"	330	510	580	1810	750	550	1865	1250	380	2255	785	863	1125	1050	28-39	1185	1090	28-48	Z180	Z180	1860
1000	40"	410	550	650	1960	900	750	2015	1250	380	2380	785	863	1255	1170	28-42	1320	1210	28-56	Z250	Z250	1950
1200	48"	470	630	760	2250	1000	925	2250	1250	380	2640	785	863	1485	1390	32-48	1530	1420	32-56	Z250	Z350	2585
1400	56"	530	710	850	2435	1000	925				2886			1685	1590	26-48	1755	1640	36-60	Z350	Z500	2900
1500	60"	530	710	900	2435	1000	925				2886			1785	1690	36-48	1855	1740	36-62	Z500	Z500	2800
1600	64"	600	790	1030	2780	1000	925				3156			1930	1820	40-56	1975	1860	40-60	Z500	Z800	2900
1800	72"	670	870	1230	3020	1100	980				3421			2130	2020	44-56	2195	2070	44-68	Z800	-	2745
2000	80"	760	950	1350	3270	1100	980				3685			2345	2230	48-62	2425	2300	48-68	-	-	3030

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电动三偏心金属硬密封蝶阀
Electric three-eccentric metal hard seal butterfly valve

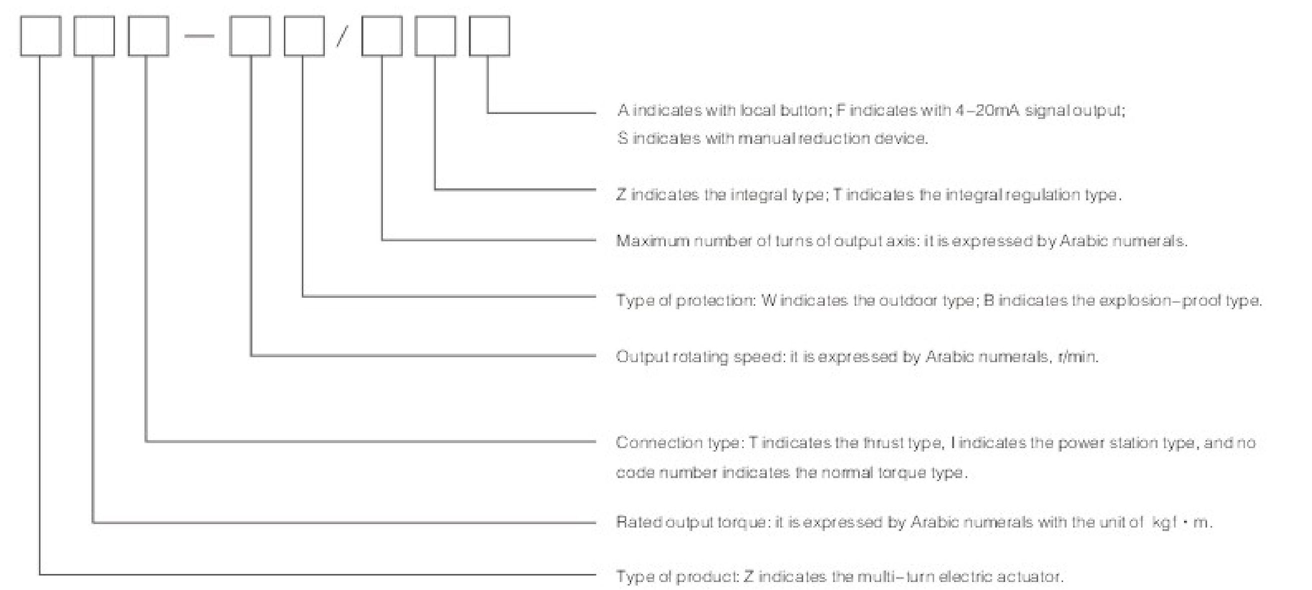
General Instruction

Multi-turn valve electric actuator, known by the name of Z-type, which is used for opening, closing or adjusting the valves, is an essential actuating device which can be used for remote control, centralized control and self control to the valves, with features of comprehensive function, reliable performance, advanced control system, small volume, light weight, convenient application and maintenance an so on .It can be applicable to the valves, whose open-close parts will move in a straight line, such as gate valve, stop valve, diaphragm valve, anchor gate, water gate valve and so on..

The actuator can be used in the industries like electric power, metallurgy, petroleum, chemical engineering, paper-making, sewage disposal and so on.

There are many types for multi-turn electric actuator: outdoor type, explosion-proof type, integral type, integral-regulation type, integral explosion proof type , integral-regulation explosion proof type and so on .It can be divided into torque type and thrust type according to the connection type.

Presentation of Model



Opening Environment and Major Technical Parameters

3.1 Power supply: general: single-phase 220V, three-phase 380V(50Hz), long distance DC24V Special: single-phase 110v, three-phase 415v, 660v,(50Hz,60Hz)

3.2 Operating environment:

3.2.1 Ambient temperature: 20 - +60℃(special order 60 - +80℃)

3.2.2 Relative humidity: 95%(when 25℃)

3.2.3.1 The outdoor type can be used in the places without inflammable/explosive and corrosive medium;

3.2.3.2 There are two types of explosion-proof products; d I can be applicable to non-excavating working area for coal mine, and d II BT4, which is applicable to the environment with IIA, IIB grade T1 - T4 explosive gas mixture, can be used in the factory.(For details refer to GB3836.1)

3.2.4Degree of protection: the outdoor type and explosion-proof type is IP55, IP65, IP67.

3.3 Working time: 10 minutes for short time(special order can reach to 15-60 minutes)

3.4 Refer to table 1 for the model and major performance parameter.

Table 1

Model &Spec.	Torque (N·m)	Thrust (KN)	Maximum diameter of valve stem(mm)	Manual ratio	Output Rotation speed (r/min)	Motor power (KW)	Current (A)	Referential weight (kg)
Z5	50	20	28	1:1	12/36	0.12/0.18	0.57/0.83	28
Z10	100	40	28	1:1	24/36	0.25/0.37	1.03/1.38	45
Z15	150	40	28	1:1	24/36	0.37/0.55	1.38/2.2	46
Z20	200	100	40	1:1	18/36	0.37/0.75	1.38/2.62	56
Z30	300	100	40	1:1	18/36	0.55/1.1	2.2/4	58
Z45	450	150	48	1:1/20:1	24/36	1:1/1.5	4/4.12	110
Z60	600	150	48	1:1/20:1	24/36	1.5/2.2	4.12/5.25	112
Z90	900	200	60	1:1/25:1	24/36	2.2/3	5.25/7.9	140
Z120	1200	200	60	1:1/25:1	24/36	3/4	7.9/8.87	142
Z180	1800	325	70	22.5:1	18/36	4/7.5	8.87/15.6	250
Z250	2500	325	70	22.5:1	18/36	5.5/10	12.05/20.5	255
Z350	3500	700	80	20:1	18/24	7.5/10	15.6/20.5	330
Z500	5000	700	80	20:1	18/24	10/15	20.5/26.6	350

Note: If user requires, we could provide the products with other rotation speed: 12/18/24/30/36/42/48/60(r/min)

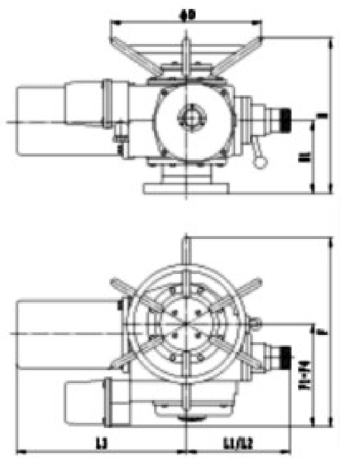
Normally, we provide the products with treble counters. If the number of turns is large, give clear indication of it when placing an order, we can provide the products with quadruple counters.

4.Outline and connection dimension

4.1 Outline and outline dimension(refer to Figure 1 and Table 2)

Table 2 Outline Dimension

Model	H	H1	L1	L2	L3	F	F1	F2	F3	F4	ΦD
Z5	271	96	158	226	249	158	259	–	310	–	316
Z10–Z30	316	130	200	238	295	200	255	317	349	374	400
Z45/Z60	415	195	277	277	394	230	275	391	369	394	460
Z90/Z120	453	195	281	281	412	278	310	426	404	429	556
Z180/Z250	585	250	320	320	474	295	360	476	455	476	320
Z350/Z500	717	280	399	399	1076	433	417	442	417	542	565



Note: 1) L1 is outdoor type/explosion–proof type; L2 is integral type/integral explosion;

2) F1 is outdoor type; F2 is explosion–proof type; F3 is integral type; F4 is integral explosion–proof type/integral regulation explosion–proof type.

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Electric three-eccentric metal hard seal butterfly valve

Structure

Z type electric actuator is consisted of motor, speed reducer, torque controller, motion controller, opening position indicator, manual–electric shifter, hand wheel and electric parts. The conventional type is sealing with ground surfaces; the outdoor type applies the round rabbet and o–seal ring seal; The explosion–proof type has the same sealing structure as the outdoor type, is added by the explosion–proof surface, and applies explosion–proof type connecting box and three phase motor used for the outdoors, anticorrosion, explosion–proof type electric valve of the YBDF series.

Trouble trouble shooting

No.	Trouble	Cause	Trouble shooting
1	The motor can not start	1.The power line disconnects. 2.control circuit is faulty the motion controller and torque controller break down	1. check the power line 2. remove the fault of motioncontroller or torque controller.
2	The turning direction Of output axis can not Meet the specification	The phase sequence of power supply has been connected wrongly	Exchange any two power lines.
3	The motor is Overheating	1. the continuous operating time is too Long 2. The motor can not match the electricactuator. 3. one phase conductors disconnects	1. stop running, and make the Motor cool down 2. check the matching situation 3. Check the power line
4	The motor stops when Running	1. the overload torque controller of electric actuator actuates 2. the valve is faulty	1. increase the setting torque 2. Check the valve
5	When the valve is in Place ,the motor can not stop running or the light is Off.	1. the motion controller and torque controller are faulty 2. the motion controller has been adjusted improperly	1. check the motion or torque Controller 2. readjust the motion controller
6	No signal of valve Location in distant place	1. remote–transmitting potentiometer is faulty 2. the set screw for gear of the potentiometer looses	1. check and replace the potentiometer 2. screw down the set screw for gear of the potentiometer

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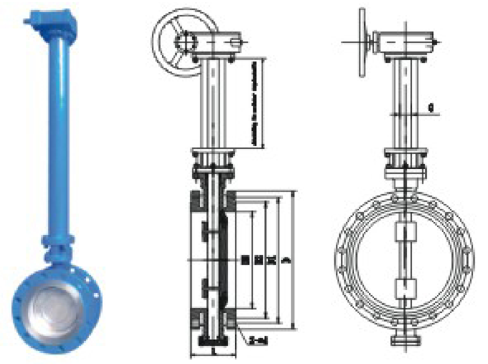
加长杆硬密封蝶阀
Extension bar hard seal butterfly valve



Lengthen bar butterfly valve products lengthen the length of the valve stem, some underground, pipeline indoor, many medium special places to provide convenient switch design of a butterfly valve, to provide convenience for valve control. Reliable seal, long service life, widely used in water plant, power plant, steel mill, paper making, chemical industry, food and other systems supply and drainage, as a regulation and cut-off use.

The flange plates at both ends of the extension rod are connected to the upper flange of the valve and the turbine head respectively, which is easy to remove.

主要零件及材料 Main parts and materials

NO.	零件名称Part name	材料Material
1	阀体 Body	WCB
2	密封圈 Sealing ring	钢板+高温纤维板 Steel plate+High temperature cordboard
3	蝶板 Disc	碳钢 WCB
4	阀杆 Stem	2Cr13
5	填料 Packing	柔性石墨 Flexible graphite
6	驱动方式 Operate	涡轮 Worm gear, 气动 Pneumatic 电动 Electric-Motorized

设计标准 Valve design

技术规范Technical specification	
设计标准 Valve design	BS 5155, API 609, JIS B2064, JB/T 18527
结构长度 Face to Face	BS EN558-1, ANSI B16.10-92 JIS B2002-87, GB/T 12221-89
试验标准 Pressure test	BS 6755/EN12266, API 598 FIS B2003-87, GB/T 13927-92
连接法兰 Flange Drilling	ANSI B165a MSS-SP-44, JIS B2212-2216, GB/T 9113.1

主要外形及连接尺寸 Main external and connecting dimensions(mm)

mm	Inch	L		H	Dd343H			Dd643H			Dd943H			PN1.6MPa			PN2.5MPa		
		Short	Long		H1	A1	B1	H2	A2	B2	H3	A3	B3	D1	D1	Z-d	D1	D1	Z-d
40	1 1/2"	106	140	107	330	180	200	625	245	72	530	250	255	150	110	4-18	150	110	4-18
50	2"	108	150	112	350	180	200	625	245	72	530	250	255	165	125	4-18	165	125	4-18
65	2 1/2"	112	170	115	370	180	200	625	245	72	530	250	255	185	145	4-18	185	145	8-18
80	3"	114	180	120	380	180	200	645	245	72	565	250	255	200	160	8-18	200	160	8-18
100	4"	127	190	138	420	180	200	675	355	92	600	250	255	220	180	8-18	235	190	8-22
125	5"	140	200	164	460	180	200	715	355	92	640	250	255	250	210	8-18	270	220	8-26
150	6"	140	210	175	555	270	280	800	355	92	705	300	315	285	240	8-22	300	250	8-26
200	8"	152	230	200	760	400	425	850	250	170	775	300	315	340	295	12-22	360	310	12-26
250	10"	165	250	243	830	400	425	925	250	170	945	300	315	405	355	12-26	425	370	12-30
300	12"	178	270	250	895	450	560	1035	450	220	1070	300	315	460	410	12-26	485	430	16-30
350	14"	190	290	280	950	450	560	1070	450	220	1140	300	315	520	470	16-26	555	490	16-33
400	16"	216	310	305	1190	535	580	1190	450	220	1210	300	315	580	525	16-30	620	550	16-36
450	18"	222	330	350	1255	535	580	1250	650	280	1335	575	714	640	585	20-30	670	600	20-36
500	20"	229	350	380	1305	535	580	1290	650	280	1415	575	714	715	650	20-33	730	660	20-36
600	24"	267	390	445	1340	570	660	1455	850	380	1605	656	810	840	770	20-36	845	770	20-39
700	28"	292	430	480	1520	750	550	1585	850	380	1844	656	810	910	840	24-26	960	875	24-42
800	32"	318	470	530	1710	750	550	1700	1250	380	2040	656	810	1025	950	24-39	1085	990	24-48
900	36"	330	510	580	1810	750	550	1865	1250	380	2255	785	863	1125	1050	28-39	1185	1090	28-48
1000	40"	410	550	650	1960	900	750	2015	1250	380	2380	785	863	1255	1170	28-42	1320	1210	28-56
1200	48"	470	630	760	2250	1000	925	2250	1250	380	2640	785	863	1485	1390	32-48	1530	1420	32-56
1400	56"	530	710	850	2435	1000	925				2886			1685	1590	26-48	1755	1640	36-60
1500	60"	530	710	900	2435	1000	925				2886			1785	1690	36-48	1855	1740	36-62
1600	64"	600	790	1030	2780	1000	925				3156			1930	1820	40-56	1975	1860	40-60
1800	72"	670	870	1230	3020	1100	980				3421			2130	2020	44-56	2195	2070	44-68
2000	80"	760	950	1350	3270	1100	980				3685			2345	2230	48-62	2425	2300	48-68

WESDOM

www.wsdvalve.com
www.hawsd.com

对夹衬氟蝶阀
Wafer lined fluorine butterfly valve

主要零件及材料 Main parts and materials

NO.	零件名称 Part name	材料Material
1	上下阀体 Up and low valve body	铸铁 Cast iron、铸钢 Cast steel、 不锈钢 Stainless steel、衬 Lining/F4、F46
2	阀座 Valve seat	F4/F46
3	带杆蝶板 With lever dish plate	全衬 Full lining (WCB包衬) F4/F46、 半衬 Ladle/Half lining (不锈钢) F4/F46
4	衬垫 Liner	硅橡胶 Silicone rubber
5	蜗轮手柄 Worm handle	QT400-15球墨铸铁、铝合金 Ductile cast iron

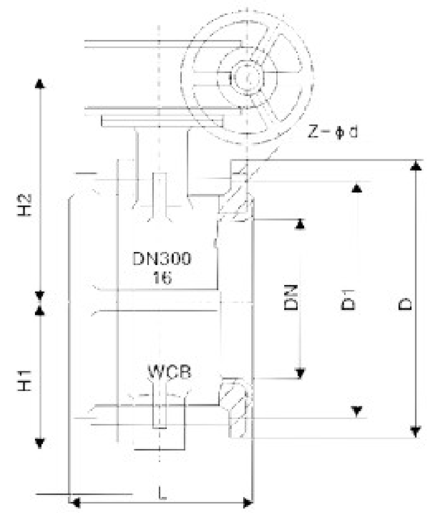
衬氟蝶阀标准 PTFE-Lined Butterfly Valve Standard

技术规范 Technical specification	
设计标准 Design standard	GB/T 12238
结构长度 Structure length	GB12221
法兰标准 Flange standard	JB/T 79-94 GB9113.1-26
检验试验 Inspection and test	GB/T 13927
驱动方式 Drive mode	蜗轮 Worm、手动 Manual 电动 Electric、气动 Pneumatic

主要外形及连接尺寸 Main external and connecting dimensions(mm)

公称通径 Nominal diameter DN		外形尺寸 Shape size									参考值 The reference value		外形尺寸 Shape size						参考值 The reference value	
		L	H2	H1	D	D1	D2	F	B	Z-Φd	D0	H	D	D1	D2	F	B	Z-Φd	D0	H
mm	inch	对夹 Wafer			PN1.0MPa								PN1.6MPa							
40	1 1/2"	33	143	85	150	110	85	3	19	4-18	150	140	150	110	85	3	19	4-18	150	140
50	2"	43	143	85	165	125	100	3	19	4-18	150	140	165	125	100	3	21	4-18	150	140
65	2 1/2"	46	157	93	185	145	120	3	21	4-18	150	150	185	145	120	3	21	4-18	150	150
80	3"	46	178	100	200	160	135	3	21	4-18	150	165	200	160	135	3	22	8-18	150	165
100	4"	52	185	110	220	180	155	3	21	4-18	200	180	220	180	155	3	23	8-18	200	180
125	5"	56	206	120	250	210	185	3	23	4-18	200	200	250	210	185	3	23	8-18	200	200
150	6"	56	225	160	285	240	210	3	25	8-23	280	220	285	240	210	3	25	8-23	280	220
200	8"	60	275	245	340	295	265	3	25	8-23	280	270	340	295	265	3	28	12-27	280	270
250	10"	68	326	260	395	350	320	4	28	12-23	200	320	405	355	320	4	28	12-27	200	320
300	12"	78	333	300	445	400	370	4	28	12-23	240	330	460	410	370	4	30	12-27	240	330
350	14"	78	393	320	505	460	430	4	28	16-23	240	385	520	470	430	4	32	16-27	240	385
400	16"	102	438	330	565	515	480	4	28	16-26	280	430	580	525	480	4	34	16-30	280	430
450	18"	114	488	380	615	565	530	4	30	20-26	280	480	640	585	550	4	42	20-30	280	480
500	20"	127	540	390	670	620	580	4	30	20-26	320	540	715	650	610	5	42	20-33	320	540
600	24"	154	615	450	780	725	680	5	34	20-30	320	610	840	770	720	5	48	20-36	320	610
700	28"	165	660	480	895	840	795	5	36	24-33	360	650	910	840	759	5	48	24-36	360	650
800	32"	190	720	580	1015	950	900	5	38	24-33	360	710	1025	950	900	5	48	24-39	360	740
900	36"	203	780	625	1115	1050	1000	5	40	28-33	380	780	1125	1050	1000	5	50	28-39	380	780
1000	40"	216	900	660	1230	1160	1115	5	42	28-36	400	900	1255	1170	1110	5	50	28-42	400	900
1200	48"	254	1070	780	1455	1380	1330	5	44	32-39	400	1050	1485	1390	1330	5	50	32-48	400	1050

双法兰衬氟蝶阀
Double flange lined fluorine butterfly valve



主要零件及材料 Main parts and materials

零件名称 Part name	材料 Material
上下阀体 Up and low valve body	铸铁 Cast iron、铸钢 Cast steel、 不锈钢 Stainless steel、衬 Lining/F4、F46
阀座 Valve seat	F4/F46
带杆蝶板 With lever dish plate	全衬 Full lining (WCB包衬) F4/F46、 半衬 Ladle/Half lining (不锈钢) F4/F46
衬垫 Liner	硅橡胶 Silicone rubber
蜗轮手柄 Worm handle	QT400–15球墨铸铁、铝合金 Ductile cast iron

衬氟蝶阀标准 PTFE–Lined Butterfly Valve Standard

技术规范 Technical specification	
设计标准 Design standard	GB/T 12238
结构长度 Structure length	GB12221
法兰标准 Flange standard	JB/T 79–94 GB9113.1–26
检验试验 Inspection and test	GB/T 13927
驱动方式 Drive mode	蜗轮 Worm、手动 Manual 电动 Electric、气动 Pneumatic

主要外形及连接尺寸 Main external and connecting dimensions(mm)

公称通径 Nominal diameter DN	外形尺寸 Shape size			连接尺寸 Connection dimension					
				1.0MPa			1.6MPa		
	L	H2	H1	D	D1	Z–Φd	D	D1	Z–Φd
50	108	143	85	160	125	4–Φ18	160	125	4–Φ18
65	112	157	93	180	145	4–Φ18	180	145	4–Φ18
80	114	178	100	195	160	4–Φ18	195	160	8–Φ18
100	127	185	110	215	180	8–Φ18	215	180	8–Φ18
125	140	206	120	245	210	8–Φ18	245	210	8–Φ18
150	140	225	160	280	240	8–Φ23	280	240	8–Φ23
200	152	275	245	335	295	8–Φ23	335	295	12–Φ23
250	165	326	260	390	350	12–Φ23	405	355	12–Φ26
300	178	333	300	440	400	12–Φ23	460	410	12–Φ26
350	190	393	320	500	460	16–Φ23	520	470	16–Φ26
400	216	438	330	560	515	16–Φ26	580	525	16–Φ30
450	222	488	380	615	565	20–Φ26	640	585	20–Φ30
500	229	540	390	670	620	20–Φ26	715	650	20–Φ33
600	267	615	450	780	725	20–Φ30	840	770	20–Φ36
700	292	660	480	895	840	24–Φ30	910	840	24–Φ36
800	318	720	580	1010	950	24–Φ34	1020	950	24–Φ39
900	330	785	625	1110	1050	28–Φ34	1120	1050	28–Φ39
1000	410	900	660	1220	1160	28–Φ34	1255	1170	28–Φ42
1200	470	1070	780	1450	1380	32–Φ41	1485	1390	32–Φ48

WESDOM

Gate valve series

闸阀系列

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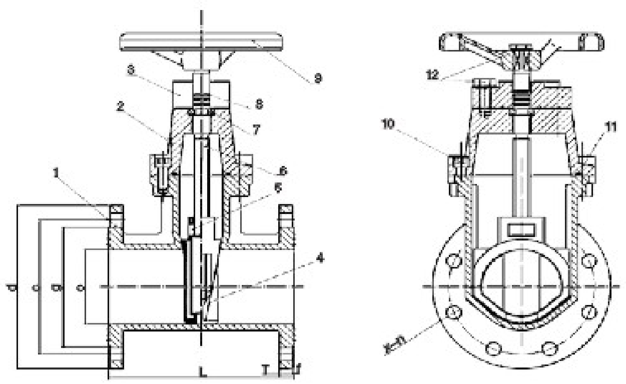
国标软密封闸阀
GB soft-seal gate valve



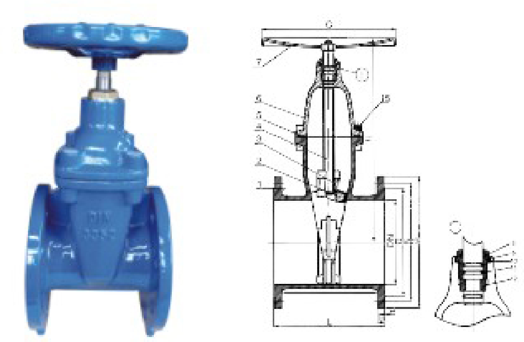
主要零件材质 Material Specifications

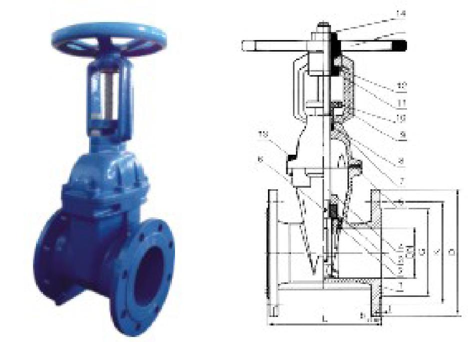
NO.	部件 Parts	材料 Material
1	阀体 Body	球墨铸铁 DI
2	阀瓣 Disc	球墨铸铁+橡胶DI+EPDM/NBR
3	阀杆螺母 Stem nut	黄铜 brass
4	阀杆 Stem	45# 2CR13 304 铜杆 Brass
5	中头垫圈 Gasket	橡胶 EPDM
6	阀盖 Bonnet	球墨铸铁 DI
7	手轮 Handwheel	球墨铸铁 DI
8	锁紧螺母 Nut	黄铜 brass
9	密封圈 Sealing ring	四氟 PTFE
10	O型圈 O–ring	橡胶 EPDM
11	定位环 Locating ring	黄铜 brass

主要外形及连接尺寸 Main external and connecting dimensions(mm)

DN	L	d		C		x–n		T	f	g
50	178	165		125		4–18		19	2	99
65	190	185		145		4–18		19	2	118
80	203	200		160		4–18	8–18	19	3	132
100	229	220		180		8–18		19	3	156
125	254	250		210		8–18		19	3	184
150	267	285		240		8–23		19	3	211
200	292	340		295		8–23	12–23	21	3	266
250	330	395		350	355	12–23	12–25	22	3	319
300	355	445		400	410	12–23	12–25	25	4	370
350	381	515		460	470	16–23	16–25	25	4	430
400	405	580		515	525	16–26	16–31	28	4	475
450	432	650		565	585	20–26	20–31	29	5	530
500	457	670	715	620	650	20–26	20–34	29	5	580
600	508	780	810	725	770	20–30	20–36	38	5	680

德标软密封闸阀F4
DIN soft-seal gate valve(F4)





主要零件及材料 Main parts and materials

零件名称 Part name	材料 Material
阀体 Body Materials	球墨铸铁 DI
阀瓣 Disc	球墨铸铁+橡胶DI+EPDM/NBR
阀杆 Stem	45# 2CR13 304 铜杆 Brass
阀盖 Bonnet	球墨铸铁DI
手轮 Handwheel	球墨铸铁DI

设计标准 Valve design

技术规范 Technical specification	
设计标准 Valve design	DIN3352–F4
结构长度 Face to Face	DIN3202、ISO5752
试验标准 Pressure test	DIN3230
连接法兰 Flange Drilling	DIN2501/EN1092

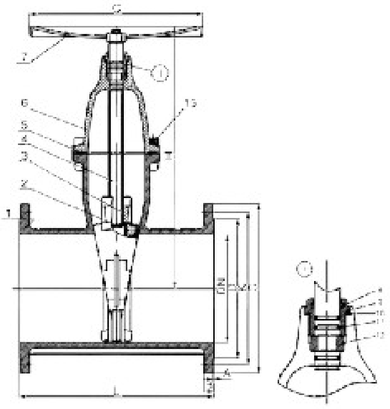
主要外形及连接尺寸 Main external and connecting dimensions(mm)

DN	L	D		K		G		A	B	C	N–Φd		H
		PN10	PN16	PN10	PN16	PN10	PN16				PN10	PN16	
40	140	150	150	110	110	88	88	3	19	180	4–Φ19	4–Φ19	240
50	150	165	165	125	125	102	102	3	19	180	4–Φ19	4–Φ19	250
65	170	185	185	145	145	122	122	3	19	180	4–Φ19	4–Φ19	280
80	180	200	200	160	160	138	138	3	19	200	8–Φ19	8–Φ19	330
100	190	220	220	180	180	158	158	3	19	200	8–Φ19	8–Φ19	361
125	200	250	250	210	210	188	188	3	19	250	8–Φ19	8–Φ19	415
150	210	285	285	240	240	212	212	3	19	250	8–Φ23	8–Φ23	460
200	230	340	340	295	295	268	268	3	20	280	8–Φ23	12–Φ23	572
250	250	395	405	355	355	320	320	3	22	320	12–Φ23	12–Φ28	658
300	270	445	460	410	410	378	378	4	25	350	12–Φ23	12–Φ28	758
350	290	505	520	470	470	438	438	4	27	450	16–Φ23	16–Φ28	800
400	310	565	580	515	525	490	490	4	28	550	16–Φ27	16–Φ31	900
500	350	670	715	620	650	595	610	4	32	650	20–Φ27	20–Φ34	1100
600	390	780	840	725	770	690	727	4	36	660	20–Φ31	20–Φ37	1240

主要外形及连接尺寸 Main external and connecting dimensions(mm)

DN	L	D		K		G		A	B	C	N–Φd	
		PN10	PN16	PN10	PN16	PN10	PN16				PN10	PN16
40	140	150	150	110	110	88	88	3	19	180	4–Φ19	4–Φ19
50	150	165	165	125	125	102	102	3	19	180	4–Φ19	4–Φ19
65	170	185	185	145	145	122	122	3	19	180	4–Φ19	4–Φ19
80	180	200	200	160	160	138	138	3	19	200	8–Φ19	8–Φ19
100	190	220	220	180	180	158	158	3	19	200	8–Φ19	8–Φ19
125	200	250	250	210	210	188	188	3	19	250	8–Φ19	8–Φ19
150	210	285	285	240	240	212	212	3	19	250	8–Φ23	8–Φ23
200	230	340	340	295	295	268	268	3	20	280	8–Φ23	12–Φ23
250	250	395	405	350	355	320	320	3	22	320	12–Φ23	12–Φ23
300	270	445	460	400	410	370	378	4	25	350	12–Φ23	12–Φ28
400	310	565	580	515	525	482	490	4	28	550	16–Φ27	16–Φ31

德标软密封闸阀F5
DIN soft-seal gate valve(F5)



主要零件材质 Material Specifications

NO.	部件 Parts	材料 Material
1	阀体 Body	球墨铸铁 DI
2	阀瓣 Disc	球墨铸铁+橡胶 DI+EPDM/NBR
3	阀杆螺母 Stem nut	黄铜 Brass(HPb59-1)
4	阀杆 Stem	不锈钢 2Cr13
5	中头垫圈 Gasket	橡胶 EPDM
6	阀盖 Bonnet	球墨铸铁 DI
7	手轮 Handwheel	球墨铸铁 DI
8	防尘圈 Dust ring	橡胶 EPDM
9	锁紧螺母 nut	黄铜 Brass(HPb59-1)
10	密封圈 Sealing ring	四氟 PTFE
11	O型圈 O-ring	橡胶 EPDM
12	定位环 Locting ring	黄铜 Brass(HPb59-1)

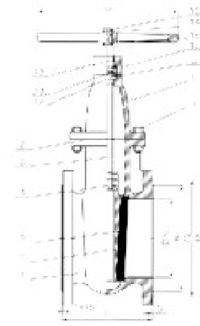
设计标准 Valve design

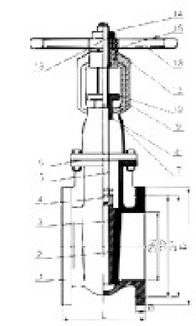
技术规范 Technical specification	
设计标准 Valve design	DIN3352-F5
结构长度 Face to Face	DIN3202-F5、ISO5752
试验标准 Pressure test	DIN3230
连接法兰 Flange Drilling	DIN2501/EN1092

主要外形及连接尺寸 Main external and connecting dimensions(mm)

DN	L	D		K		G		A	B	C	N-Φd		H
		PN10	PN16	PN10	PN16	PN10	PN16				PN10	PN16	
50	250	165	165	125	125	102	102	3	19	180	4-Φ19	4-Φ19	250
65	270	185	185	145	145	122	122	3	19	180	4-Φ19	4-Φ19	280
80	280	200	200	160	160	138	138	3	19	200	8-Φ19	8-Φ19	330
100	300	220	220	180	180	158	158	3	19	200	8-Φ19	8-Φ19	361
125	325	250	250	210	210	188	188	3	19	250	8-Φ19	8-Φ19	415
150	350	285	285	240	240	212	212	3	19	250	8-Φ23	8-Φ23	460
200	400	340	340	295	295	268	268	3	20	280	8-Φ23	12-Φ23	572
250	450	395	405	350	355	320	320	3	22	320	12-Φ23	12-Φ28	658
300	500	445	460	400	410	370	378	4	25	350	12-Φ23	12-Φ28	758

德标铸铁硬密封闸阀F4
DIN Cast iron hard seal gate valve F4





主要零件及材料 Main parts and materials

NO.	部件 Parts	材料 Material
1	阀体 Body	球墨铸铁 DI
2	阀瓣 Disc	球墨铸铁 DI
3	螺母 Nut	黄铜 Brass
4	密封面环 Sealing face ring	黄铜 Brass
5	阀杆 Stem	不锈钢 2Cr13
6	阀盖垫片 Bonnet gasket	橡胶 NBR
7	螺栓 Bolt	Q235
8	阀盖 Bonnet	球墨铸铁 DI
9	定位环 Locting ring	黄铜 Brass
10	铜套 Copper bush	黄铜 Brass
11	O型圈 O-ring	橡胶 EPDM
12	垫片 Gasket	橡胶 EPDM
13	防尘圈 Dust ring	橡胶 NBR
14	垫片 Gasket	不锈钢 SS304
15	螺栓 Bolt	不锈钢 SS304
16	手轮 Handwheel	球墨铸铁 DI

NO.	部件 Parts	材料 Material
1	阀体 Body	球墨铸铁/灰铁 DI/CI
2	阀瓣 Disc	球墨铸铁 DI
3	密封圈 Sealing face ring	黄铜 Brass
4	螺母 Nut	黄铜 Brass
5	阀杆 Stem	不锈钢 2Cr13
6	阀盖垫 Bonnet gasket	橡胶 EPDM
7	阀盖 Bonnet	球墨铸铁/灰铁 DI/CI
8	填料 Packing	石墨环 Graphite ring
9	支架 Yoke	球墨铸铁 DI
10	压铁 Weight	球墨铸铁 DI
11	销子 Pin	不锈钢 Stainless steel
12	锁螺母 Locking nut	球墨铸铁 DI
13	手轮 Handwheel	球墨铸铁 DI
14	锁螺母 Locking nut	40号钢 40Cr
15	螺母 Nut	黄铜 Brass

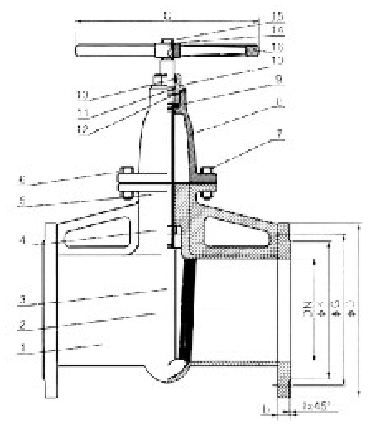
设计标准 Valve design

技术规范 Technical specification	
设计标准 Valve design	DIN3352-F4
结构长度 Face to Face	DIN3202、ISO5752
试验标准 Pressure test	DIN3230
连接法兰 Flange Drilling	DIN2501/EN1092

主要外形及连接尺寸 Main external and connecting dimensions(mm)

DN	L	D		D1		D2		B		C	n-Φd	
		PN10	PN16	PN10	PN16	PN10	PN16	DI	GI		PN10	PN16
40	140	150	150	110	110	87	87	19	18	180	4-Φ19	4-Φ19
50	150	165	165	125	125	102	102	19	20	180	4-Φ19	4-Φ19
65	170	185	185	145	145	122	122	19	20	180	4-Φ19	4-Φ19
80	180	200	200	160	160	138	138	19	22	200	4-Φ19	8-Φ19
100	190	220	220	180	180	158	158	19	24	200	8-Φ19	8-Φ19
125	200	250	250	210	210	188	188	19	26	250	8-Φ19	8-Φ19
150	210	285	285	240	240	212	212	19	26	250	8-Φ23	8-Φ23
200	230	340	340	295	295	268	268	20	180	280	8-Φ23	12-Φ23
250	250	395	405	350	355	320	320	22	180	320	12-Φ23	12-Φ27
300	270	445	460	400	410	370	378	24.5	180	350	12-Φ23	12-Φ27

德标铸铁硬密封闸阀F5
DIN Cast iron hard seal gate valve F5



主要零件及材料 Main parts and materials

NO.	部件 Parts	材料 Material
1	阀体 Body	球墨铸铁 DI
2	阀瓣 Disc	球墨铸铁 DI
3	密封面环 Sealing face ring	黄铜 Brass
4	螺母 Nut	黄铜 Brass
5	阀杆 Stem	不锈钢 2Cr13
6	阀盖垫片 Bonnet gasket	橡胶 NBR
7	螺栓 Bolt	Q235号钢 Q235
8	阀盖 Bonnet	球墨铸铁 DI
9	定位环 Locting ring	黄铜 Brass
10	铜套 Copper bush	黄铜 Brass
11	O型圈 O-ring	橡胶 EPDM
12	密封圈 Sealing ring	四氟 PTFE
13	中头垫 Dust ring	橡胶 NBR
14	垫片 Gasket	不锈钢 SS304
15	螺栓 Bolt	不锈钢 SS304
16	手轮 Handwheel	球墨铸铁 DI

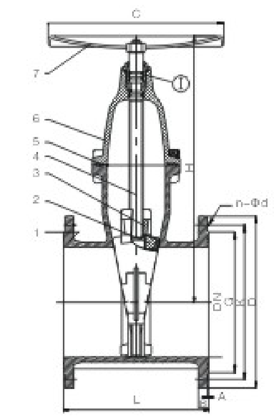
设计标准 Valve design

技术规范 Technical specification	
设计标准 Valve design	DIN3352-F5
结构长度 Face to Face	DIN3202、ISO5752
试验标准 Pressure test	DIN3230
连接法兰 Flange Drilling	DIN2501/EN1092

主要外形及连接尺寸 Main external and connecting dimensions(mm)

DN	L	D		D1		D2		B		C	n-Φd	
		PN10	PN16	PN10	PN16	PN10	PN16	DI	GI		PN10	PN16
50	250	165	165	125	125	102	102	19	20	180	4-Φ19	4-Φ19
65	270	185	185	145	145	122	122	19	20	180	4-Φ19	4-Φ19
80	280	200	200	160	160	138	138	19	22	200	4-Φ19	8-Φ19
100	300	220	220	180	180	158	158	19	24	200	8-Φ19	8-Φ19
125	325	250	250	210	210	188	188	19	26	250	8-Φ19	8-Φ19
150	350	285	285	240.	240	212	212	19	26	250	8-Φ23	8-Φ23
200	400	340	340	295	295	268	268	20	180	280	8-Φ23	12-Φ23
250	450	395	405	350	355	320	320	22	180	320	12-Φ23	12-Φ27
300	500	445	460	400	410	370	378	24.5	200	350	12-Φ23	12-Φ27

英标软密封闸阀
BS soft seal gate valve



主要零件及材料 Main parts and materials

NO.	部件 Parts	材料 Material
1	阀体 Body	球墨铸铁 GGG50
2	阀瓣 Disc	球墨铸铁+橡胶 GGG50+EPDM+NBR
3	阀杆螺母 Stem nut	黄铜 Brass (HPb59-1)
4	阀杆 Stem	不锈钢 2Cr13
5	中口垫圈 Gasket	橡胶 EPDM
6	阀盖 Bonnet	球墨铸铁 GGG50
7	手轮 Handwheel	球墨铸铁 GGG50

设计标准 Valve design

技术规范 Technical specification	
设计标准 Valve design	BS 5163
结构长度 Face to Face	EN558
试验标准 Pressure test	EN12266
连接法兰 Flange Drilling	BS4504

主要外形及连接尺寸 Main external and connecting dimensions(mm)

DN	L	D		K		A	b		N-Φd		Total height
		PN16	PN25	PN16	PN25		PN16	PN25	PN16	PN25	
40	165	150	150	110	110	3	19	20	4-Φ19	4-Φ19	300
50	178	165	165	125	125	3	19	20	4-Φ19	4-Φ19	300
65	190	185	185	145	145	3	19	22	4-Φ19	8-Φ19	350
80	203	200	200	160	160	3	19	22	8-Φ19	8-Φ19	355
100	229	220	235	180	190	3	19	24	8-Φ19	8-Φ23	435
125	254	250	270	210	220	3	19	28	8-Φ19	8-Φ26	480
150	267	285	300	240	250	3	19	30	8-Φ23	8-Φ26	500
200	292	340	360	295	310	3	20	32	12-Φ23	12-Φ26	580
250	330	405	435	355	370	3	22	35	12-Φ28	12-Φ30	770
300	356	460	485	410	430	4	25	38	12-Φ28	12-Φ30	900
350	381	520	–	470	–	4	27	–	16-Φ28	–	1090
400	406	580	–	525	–	4	28	–	16-Φ31	–	1250
450	432	640	–	585	–	4	29	–	20-Φ31	–	1350
500	457	715	–	650	–	4	32	–	20-Φ34	–	1485
600	508	830	–	770	–	5	36	–	20-Φ37	–	1680
700	610	910	–	840	–		39.5	–	24-Φ37	–	1320
800	660	1025	–	950	–		43	–	24-Φ41	–	1490
900	711	1125	–	1050	–		46.5	–	28-Φ41	–	1700
1000	813	1255	–	1170	–		50	–	28-Φ44	–	1875

加长杆软密封闸阀
Extension bar soft-seal gate valve

主要零件材质Material Specifications

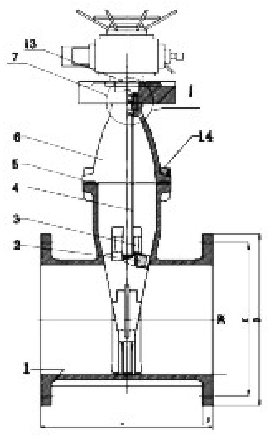
NO.	部件 Parts	材料 Material
1	阀体 Body	ASTM A216 Gr.WCB
2	阀座 Seat ring	ASTM A105+13Cr
3	闸板 Wedge	ASTM A216 Gr.WCB+13Cr
4	阀杆 Stem	ASTM A182 F6a
8	阀盖 Bonnet	ASTM A216 Gr.WCB
10	填料 Packing	柔性石墨 Graphite
18	手轮 Handwheel	可锻铸铁 Malleable Iron

备注：阀体材质有ASTM A216 WCB、A352 LCB、A217 WC1 WC6、WC9、C5、A351 CF8 CF8M、CF3、CF3M 本表仅以ASTM A216WCB为例。

主要外形及连接尺寸 Main external and connecting dimensions(mm)

DN	L	D		D1		D2		f	b		n-Φ	
		PN16	PN25	PN16	PN25	PN16	PN25		PN16	PN25	PN16	PN25
50	250	165	165	125	125	99	99	2	20	20	4-18	4-18
65	265	185	185	145	145	118	118	2	20	22	4-18	8-18
80	280	200	200	160	160	132	132	2	20	24	8-18	8-18
100	300	220	235	180	190	156	156	2	22	24	8-18	8-22
125	325	250	270	210	220	184	184	2	22	26	8-18	8-26
150	350	285	300	240	250	211	211	2	24	28	8-22	8-26
200	400	340	360	295	310	266	274	2	24	30	12-22	12-26
250	450	405	425	355	370	319	330	2	26	32	12-26	12-30
300	500	460	485	410	430	370	389	2	28	34	12-26	16-30
350	550	520	550	470	490	435	448	4	34	44	16-25	16-34
400	600	580	610	525	550	485	505	4	36	48	16-30	16-34
450	650	640	660	585	600	545	555	4	40	50	20-30	20-34
500	700	705	730	650	660	608	610	4	44	52	20-34	20-41
600	800	840	840	770	770	718	718	5	48	56	20-41	20-41

英标电动软密封闸阀
BS Electric soft-seal gate valve



主要零件及材料Main parts and materials

NO.	部件 Parts	材料 Material
1	阀体 Body	球墨铸铁 GGG50
2	阀瓣 Disc	球墨铸铁+橡胶 GGG50+EPDM+NBR
3	阀杆螺母 Stem nut	黄铜 Brass (HPb59-1)
4	阀杆 Stem	不锈钢 2Cr13
5	中口垫圈 Gasket	橡胶 EPDM
6	阀盖 Bonnet	球墨铸铁 GGG50

设计标准 Valve design

技术规范 Technical specification	
设计标准 Valve design	BS 5163
结构长度 Face to Face	EN558
试验标准 Pressure test	EN12266
连接法兰 Flange Drilling	BS4504

主要外形及连接尺寸Main external and connecting dimensions(mm)

DN	L	D		K		A	b		N-Φd		Electric Actuator Code
		PN16	PN25	PN16	PN25		PN16	PN25	PN16	PN25	
40	165	150	150	110	110	3	19	20	4-Φ19	4-Φ19	Z5
50	178	165	165	125	125	3	19	20	4-Φ19	4-Φ19	Z10
65	190	185	185	145	145	3	19	22	4-Φ19	8-Φ19	Z10
80	203	200	200	160	160	3	19	22	8-Φ19	8-Φ19	Z15
100	229	220	235	180	190	3	19	24	8-Φ19	8-Φ23	Z20
125	254	250	270	210	220	3	19	28	8-Φ19	8-Φ26	Z20
150	267	285	300	240	250	3	19	30	8-Φ23	8-Φ26	Z20
200	292	340	360	295	310	3	20	32	12-Φ23	12-Φ26	Z30
250	330	405	435	355	370	3	22	35	12-Φ28	12-Φ30	Z30
300	356	460	485	410	430	4	25	38	12-Φ28	12-Φ30	Z45/Z60
350	381	520	-	470	-	4	27	-	16-Φ28	-	Z90
400	406	580	-	525	-	4	28	-	16-Φ31	-	Z120
450	432	640	-	585	-	4	29	-	20-Φ31	-	Z120
500	457	715	-	650	-	4	32	-	20-Φ34	-	Z180
600	508	830	-	770	-	5	36	-	20-Φ37	-	Z250
700	610	910	-	840	-		39.5	-	24-Φ37	-	Z350
800	660	1025	-	950	-		43	-	24-Φ41	-	Z350
900	711	1125	-	1050	-		46.5	-	28-Φ41	-	Z500
1000	813	1255	-	1170	-		50	-	28-Φ44	-	Z800

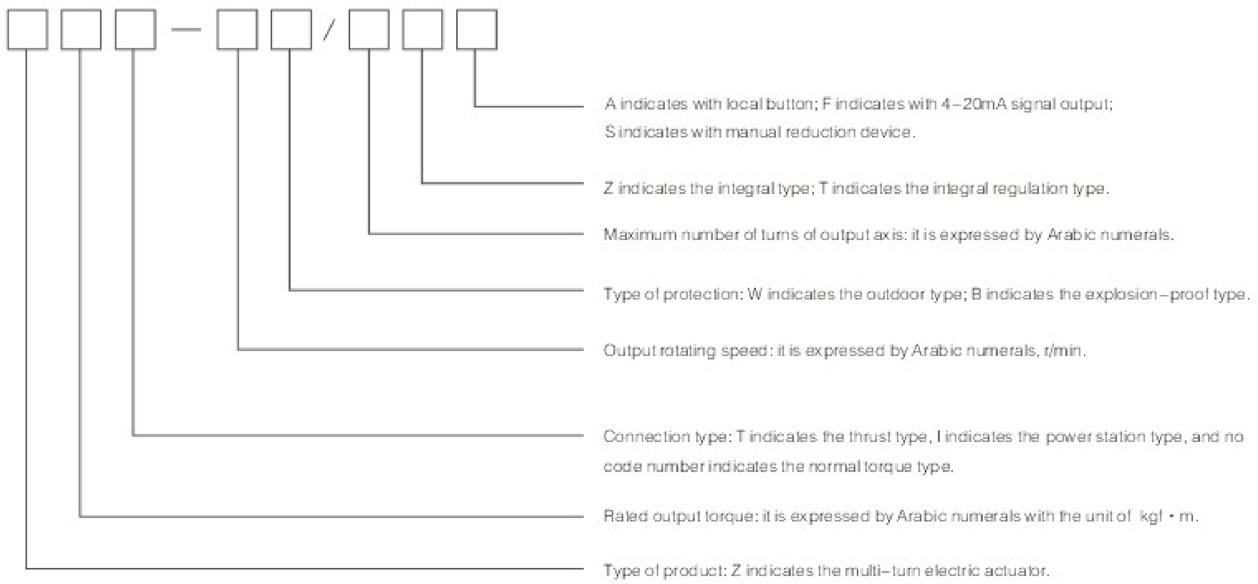
General Instruction

Multi–turn valve electric actuator, known by the name of Z–type, which is used for opening, closing or adjusting the valves, is an essential actuating device which can be used for remote control, centralized control and self control to the valves, with features of comprehensive function, reliable performance, advanced control system, small volume, light weight, convenient application and maintenance an so on .It can be applicable to the valves, whose open–close parts will move in a straight line, such as gate valve, stop valve, diaphragm valve, anchor gate, water gate valve and so on..

The actuator can be used in the industries like electric power, metallurgy, petroleum, chemical engineering, paper–making, sewage disposal and so on.

There are many types for multi–turn electric actuator: outdoor type, explosion–proof type, integral type, integral–regulation type, integral explosion proof type , integral–regulation explosion proof type and so on .It can be divided into torque type and thrust type according to the connection type.

Presentation of Model



Opening Environment and Major Technical Parameters

3.1 Power supply: general: single–phase 220V, three–phase 380V(50Hz), long distance DC24V Special: single–phase 110v, three–phase 415v, 660v,(50Hz,60Hz)

3.2 Operating environment:

3.2.1 Ambient temperature: 20～ +60℃(special order 60～+80℃)

3.2.2 Relative humidity: 95%(when 25℃)

3.2.3.1 The outdoor type can be used in the places without inflammable/explosive and corrosive medium;

3.2.3.2 There are two types of explosion–proof products; d I can be applicable to non–excavating working area for coal mine, and d II BT4, which is applicable to the environment with IIA, IIB grade T1～T4 explosive gas mixture, can be used in the factory.(For details refer to GB3836.1)

3.2.4Degree of protection: the outdoor type and explosion–proof type is IP55, IP65, IP67.

3.3 Working time: 10 minutes for short time(special order can reach to 15–60 minutes)

3.4 Refer to table 1 for the model and major performance parameter.

Table 1

Model &Spec.	Torque (N·m)	Thrust (KN)	Maximum diameter of valve stem(mm)	Manual ratio	Output Rotation speed (r/min)	Motor power (KW)	Current (A)	Referential weight (kg)
Z5	50	20	28	1:1	12/36	0.12/0.18	0.57/0.83	28
Z10	100	40	28	1:1	24/36	0.25/0.37	1.03/1.38	45
Z15	150	40	28	1:1	24/36	0.37/0.55	1.38/2.2	46
Z20	200	100	40	1:1	18/36	0.37/0.75	1.38/2.62	56
Z30	300	100	40	1:1	18/36	0.55/1.1	2.2/4	58
Z45	450	150	48	1:1/20:1	24/36	1:1/1.5	4/4.12	110
Z60	600	150	48	1:1/20:1	24/36	1.5/2.2	4.12/5.25	112
Z90	900	200	60	1:1/25:1	24/36	2.2/3	5.25/7.9	140
Z120	1200	200	60	1:1/25:1	24/36	3/4	7.9/8.87	142
Z180	1800	325	70	22.5:1	18/36	4/7.5	8.87/15.6	250
Z250	2500	325	70	22.5:1	18/36	5.5/10	12.05/20.5	255
Z350	3500	700	80	20:1	18/24	7.5/10	15.6/20.5	330
Z500	5000	700	80	20:1	18/24	10/15	20.5/26.6	350

Note: If user requires, we could provide the products with other rotation speed: 12/18/24/30/36/42/48/60(r/min)

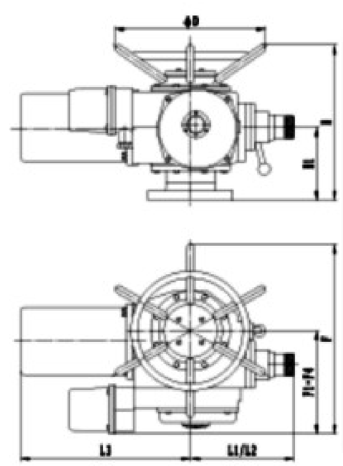
Normally, we provide the products with treble counters. If the number of turns is large, give clear indication of it when placing an order, we can provide the products with quadruple counters.

4.Outline and connection dimension

4.1 Outline and outline dimension(refer to Figure 1 and Table 2)

Table 2 Outline Dimension

Model	H	H1	L1	L2	L3	F	F1	F2	F3	F4	ΦD
Z5	271	96	158	226	249	158	259	–	310	–	316
Z10–Z30	316	130	200	238	295	200	255	317	349	374	400
Z45/Z60	415	195	277	277	394	230	275	391	369	394	460
Z90/Z120	453	195	281	281	412	278	310	426	404	429	556
Z180/Z250	585	250	320	320	474	295	360	476	455	476	320
Z350/Z500	717	280	399	399	1076	433	417	442	417	542	565



Note: 1) L1 is outdoor type/explosion–proof type; L2 is integral type/integral explosion;

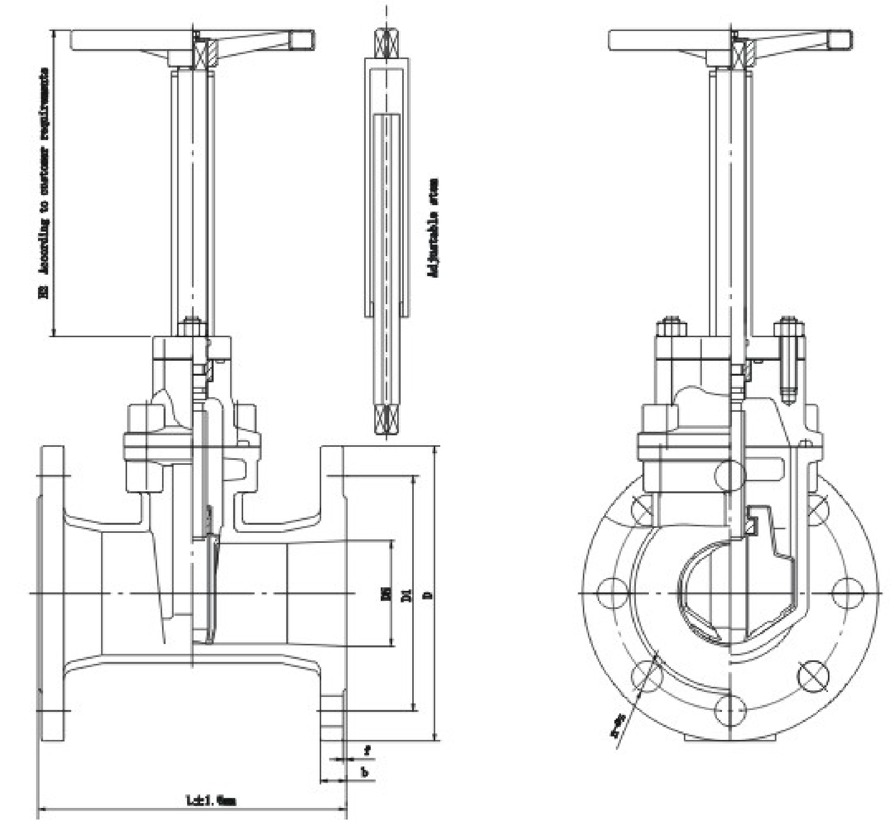
2) F1 is outdoor type; F2 is explosion–proof type; F3 is integral type; F4 is integral explosion–proof type/integral regulation explosion–proof type.

Structure

Z type electric actuator is consisted of motor, speed reducer, torque controller, motion controller, opening position indicator, manual-electric shifter, hand wheel and electric parts. The conventional type is sealing with ground surfaces; the outdoor type applies the round rabbet and o-seal ring seal; The explosion-proof type has the same sealing structure as the outdoor type, is added by the explosion-proof surface, and applies explosion-proof type connecting box and three phase motor used for the outdoors, anticorrosion, explosion-proof type electric valve of the YBDF series.

Trouble trouble shooting

No.	Trouble	Cause	Trouble shooting
1	The motor can not start	1.The power line disconnects. 2.control circuit is faulty the motion controller and torque controller break down	1. check the power line 2. remove the fault of motioncontroller or torque controller.
2	The turning direction Of output axis can not Meet the specification	The phase sequence of power supply has been connected wrongly	Exchange any two power lines.
3	The motor is Overheating	1. the continuous operating time is too Long 2. The motor can not match the electricactuator. 3. one phase conductors disconnects	1. stop running, and make the Motor cool down 2. check the matching situation 3. Check the power line
4	The motor stops when Running	1. the overload torque controller of electric actuator actuates 2. the valve is faulty	1. increase the setting torque 2. Check the valve
5	When the valve is in Place ,the motor can not stop running or the light is Off.	1. the motion controller and torque controller are faulty 2. the motion controller has been adjusted improperly	1. check the motion or torque Controller 2. readjust the motion controller
6	No signal of valve Location in distant place	1. remote-transmitting potentiometer is faulty 2. the set screw for gear of the potentiometer looses	1. check and replace the potentiometer 2. screw down the set screw for gear of the potentiometer



产品概述 Product Overview

本公司生产直埋式软密封闸阀可用于城镇给排水管网、高层建筑、住宅小区、石油、天然气、电厂、环保、矿山、造纸等行业。该产品分伸缩式和固定式两种。在施工过程中，伸缩式可根据阀门埋设深度与地面之间的距离作大范围任意调节，固定式可现场微量调节。这两种形式的产品均可在施工时将阀门直接埋入地下，不用垒砌窨井，减少路面开挖面积。极小的井室可保持路面美观，降低施工难度，减少工程造价。该产品具有长期使用不泄漏、免维护等优点，还可有效避免他人随意开关阀门和偷盗井盖。

The company's production of direct buried soft seal gate valve can be used in urban water supply and drainage network, high-rise buildings, residential areas, oil, natural gas, power plants, environmental protection, mining, papermaking and other industries. This product divides the telescopic type and the stationary type two kinds. In the construction process, the telescopic type can be adjusted in a wide range according to the distance between the buried depth of the valve and the ground, and the fixed type can be adjusted in a small amount on site. These two forms of products can be built in the construction of the valve directly into the ground, without the installation of inspection Wells, reduce the area of road excavation. The extremely small well chamber can keep the road surface beautiful, reduce the construction difficulty and reduce the project cost. This product has the advantages of long-term use, no leakage, no maintenance, etc., and can effectively avoid others to open and close the valve and steal the manhole cover.

加长杆软密封闸阀
Extension bar soft-seal gate valve

主要零件材质Material Specifications

NO.	部件 Parts	材料 Material
1	阀体 Body	球墨铸铁DI
2	阀瓣 Disc	球墨铸铁+橡胶DI+EPDM/NBR
3	阀杆螺母 Stem nut	黄铜brass+球墨铸铁 DI
4	阀杆 Stem	45# 2CR13 304 铜杆Brass
5	中头垫圈 Gasket	橡胶EPDM
6	阀盖 Bonnet	球墨铸铁DI
7	手轮 Handwheel	球墨铸铁DI
8	锁紧螺母 Nut	黄铜brass
9	密封圈 Sealing ring	四氟PTFE
10	O型圈 O-ring	橡胶EPDM
11	定位环 Locating ring	黄铜brass

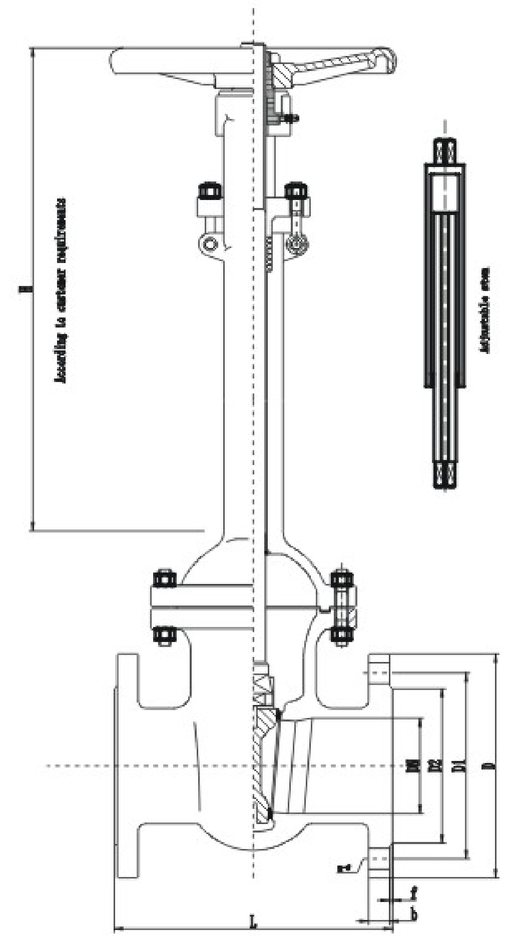
设计标准 Valve design

技术规范 Technical specification	
设计标准 Valve design	BS5163
结构长度 Face to Face	BS5163
试验标准 Pressure test	BS5163/ISO5208
连接法兰 Flange Drilling	EN1092/ISO7005-2

主要外形及连接尺寸 Main external and connecting dimensions(mm)

DN	L	D			D1			f	b		N-Φd			Total height (No extension rod included)
		PN10	PN16	PN25	PN10	PN16	PN25		PN10/PN16	PN25	PN10	PN16	PN25	
40	165	150	150	150	110	110	110	3	19	20	4-Φ19	4-Φ19	4-Φ19	300
50	178	165	165	165	125	125	125	3	19	20	4-Φ19	4-Φ19	4-Φ19	300
65	190	185	185	185	145	145	145	3	19	22	4-Φ19	4-Φ19	8-Φ19	315
80	203	200	200	200	160	160	160	3	19	22	8-Φ19	8-Φ19	8-Φ19	355
100	229	220	220	235	180	180	190	3	19	24	8-Φ19	8-Φ19	8-Φ23	435
125	254	250	250	270	210	210	220	3	19	28	8-Φ19	8-Φ19	8-Φ26	505
150	267	285	285	300	240	240	250	3	19	30	8-Φ23	8-Φ23	8-Φ26	562
200	292	340	340	360	295	295	310	3	20	32	8-Φ23	12-Φ23	12-Φ26	580
250	330	395	405	435	350	355	370	3	22	35	12-Φ23	12-Φ28	12-Φ30	770
300	356	445	460	485	400	410	430	4	25	38	12-Φ23	12-Φ28	12-Φ30	900
350	381	505	520	-	460	470	-	4	27	-	16-Φ23	16-Φ28	-	1090
400	406	565	580	-	515	525	-	4	28	-	16-Φ28	16-Φ31	-	1250
450	432	615	640	-	565	585	-	4	29	-	20-Φ28	20-Φ31	-	1350
500	457	670	715	-	620	650	-	4	32	-	20-Φ28	20-Φ34	-	1485
600	508	780	830	-	725	770	-	5	36	-	20-Φ31	20-Φ37	-	1680

铸钢硬密封加长杆闸阀
Cast steel hard seal extension lever gate valve



产品概述 Product Overview

本公司生产铸钢硬密封加长杆闸阀可用于城镇给排水管网、高层建筑、住宅小区、石油、天然气、电厂、环保、矿山、造纸等行业。该产品分伸缩式和固定式两种。在施工过程中，伸缩式可根据阀门埋设深度与地面之间的距离作大范围任意调节，固定式可现场微量调节。这两种形式的产品均可在施工时将阀门直接埋入地下，不用垒砌窨井，减少路面开挖面积。极小的井室可保持路面美观，降低施工难度，减少工程造价。该产品具有长期使用不泄漏、免维护等优点，还可有效避免他人随意开关阀门和偷盗井盖。

The company's production of direct buried soft seal gate valve can be used in urban water supply and drainage network, high-rise buildings, residential areas, oil, natural gas, power plants, environmental protection, mining, papermaking and other industries. This product divides the telescopic type and the stationary type two kinds. In the construction process, the telescopic type can be adjusted in a wide range according to the distance between the buried depth of the valve and the ground, and the fixed type can be adjusted in a small amount on site. These two forms of products can be built in the construction of the valve directly into the ground, without the installation of inspection wells, reduce the area of road excavation. The extremely small well chamber can keep the road surface beautiful, reduce the construction difficulty and reduce the project cost. This product has the advantages of long-term use, no leakage, no maintenance, etc., and can effectively avoid others to open and close the valve and steal the manhole cover.

铸钢硬密封加长杆闸阀
Cast steel hard seal extension lever gate valve

主要零件材质Material Specifications

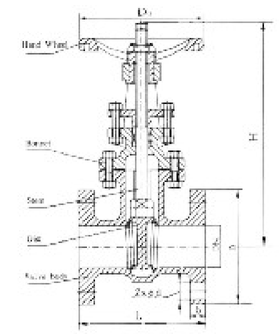
NO.	部件 Parts	材料 Material
1	阀体 Body	ASTM A216 Gr.WCB
2	阀座 Seat ring	ASTM A105+13Cr
3	闸板 Wedge	ASTM A216 Gr.WCB+13Cr
4	阀杆 Stem	ASTM A182 F6a
8	阀盖 Bonnet	ASTM A216 Gr.WCB
10	填料 Packing	柔性石墨 Graphite
18	手轮 Handwheel	可锻铸铁 Malleable Iron

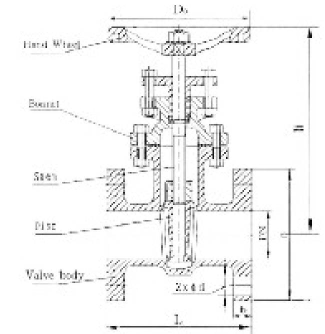
备注：阀体材质有ASTM A216 WCB、A352 LCB、A217 WC1 WC6、WC9、C5、A351 CF8 CF8M、CF3、CF3M 本表仅以ASTM A216 WCB为例。

主要外形及连接尺寸 Main external and connecting dimensions(mm)

DN	L	D		D1		D2		f	b		n−Φ	
		PN16	PN25	PN16	PN25	PN16	PN25		PN16	PN25	PN16	PN25
50	250	165	165	125	125	99	99	2	20	20	4−18	4−18
65	265	185	185	145	145	118	118	2	20	22	4−18	8−18
80	280	200	200	160	160	132	132	2	20	24	8−18	8−18
100	300	220	235	180	190	156	156	2	22	24	8−18	8−22
125	325	250	270	210	220	184	184	2	22	26	8−18	8−26
150	350	285	300	240	250	211	211	2	24	28	8−22	8−26
200	400	340	360	295	310	266	274	2	24	30	12−22	12−26
250	450	405	425	355	370	319	330	2	26	32	12−26	12−30
300	500	460	485	410	430	370	389	2	28	34	12−26	16−30
350	550	520	550	470	490	435	448	4	34	44	16−25	16−34
400	600	580	610	525	550	485	505	4	36	48	16−30	16−34
450	650	640	660	585	600	545	555	4	40	50	20−30	20−34
500	700	705	730	650	660	608	610	4	44	52	20−34	20−41
600	800	840	840	770	770	718	718	5	48	56	20−41	20−41

日标铸铁闸阀
JIS Cast iron gate valve





主要零件及材料 Main parts and materials

NO.	零件名称 Part name	材料 Material
1	阀体 Body	铸铁 Cast ironl
2	阀瓣 Disc	铸铁+黄铜 Cast ironl+Brass
3	阀盖 Bonnet	铸铁 Cast ironl
4	阀杆 Stem	不锈钢 Stainless steel、铜杆

设计标准 Valve design

技术规范 Technical specification	
设计标准 Valve design	KS B2350
结构长度 Face to Face	JIS B2031/KS B2306/JIS B2002
试验标准 Pressure test	KS B2304
连接法兰 Flange Drilling	JIS B2031/KS B1511/JIS B2212

主要外形及连接尺寸 Main external and connecting dimensions(mm)

DN	L	D	b	Z×Φd	H	Do
40	180	140	20	4×Φ19	317	190
50	180	155	20	4×Φ19	343	190
65	190	175	22	4×Φ19	390	190
80	200	185	22	8×Φ19	452	210
100	230	210	24	8×Φ19	537	240
125	250	250	24	8×Φ23	621	260
150	270	280	26	8×Φ23	718	270
200	290	330	26	12×Φ23	920	300
250	330	400	30	12×Φ25	1113	350
300	350	445	32	16×Φ25	1308	390
350	460	490	34	16×Φ25	1195	400
400	490	560	36	16×Φ27	1367	500
450	526	620	38	20×Φ27	1498	500
500	554	675	40	20×Φ27	1710	500
600	620	795	44	24×Φ33	2129	500

主要外形及连接尺寸 Main external and connecting dimensions(mm)

DN	L	D	b	Z×Φd	H	Do
40	180	140	20	4×Φ19	249	190
50	180	155	20	4×Φ19	262	190
65	190	175	22	4×Φ19	286	190
80	200	185	22	8×Φ19	325	210
100	230	210	24	8×Φ19	382	240
125	250	250	24	8×Φ23	417	260
150	270	280	26	8×Φ23	455	270
200	290	330	26	12×Φ23	559	300
250	330	400	30	12×Φ25	674	350
300	350	445	32	16×Φ25	780	390
350	460	490	34	16×Φ25	925	400
400	490	560	36	16×Φ27	1087	500
450	526	620	38	20×Φ27	1170	500
500	554	675	40	20×Φ27	1365	500
600	620	795	44	24×Φ33	1585	500

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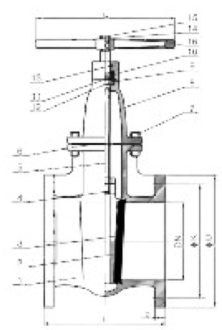
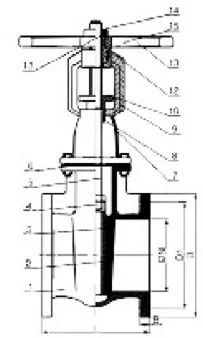
美标硬密封闸阀
ANSI hard sealing gate valve



主要零件及材料 Main parts and materials

NO.	部件 Parts	材料 Material
1	阀体 Body	球墨铸铁 DI
2	阀瓣 Disc	球墨铸铁 DI
3	密封面环 Sealing face ring	黄铜 Brass
4	螺母 Nut	黄铜 Brass
5	阀杆 Stem	不锈钢 2Cr13
6	阀盖垫片 Bonnet gasket	橡胶 NBR
7	螺栓 Bolt	Q235
8	阀盖 Bonnet	球墨铸铁 DI
9	定位环 Lokting ring	黄铜 Brass
10	铜套 Copper bush	黄铜 Brass
11	O型圈 O–ring	橡胶 EPDM
12	垫片 Gasket	橡胶 EPDM
13	防尘圈 Dust ring	橡胶 NBR
14	垫片 Gasket	不锈钢 SS304
15	螺栓 Bolt	不锈钢 SS304
16	手轮 Handwheel	球墨铸铁 DI

NO.	部件 Parts	材料 Material
1	阀体 Body	球墨铸铁 DI
2	阀瓣 Disc	球墨铸铁 DI
3	密封圈 Sealing face ring	黄铜 Brass
4	螺母 Nut	黄铜 Brass
5	阀杆 Stem	不锈钢 2Cr13
6	阀盖垫 Bonnet gasket	橡胶 EPDM
7	阀盖 Bonnet	球墨铸铁/灰铁 DI/CI
8	填料 Packing	石墨环 Graphite ring
9	支架 Yoke	球墨铸铁 DI
10	压铁 Gland	球墨铸铁 DI
11	销子 Pin	不锈钢 Stainless steel
12	锁螺母 Locking nut	球墨铸铁 DI
13	手轮 Handwheel	球墨铸铁 DI
14	锁螺母 Locking nut	40号钢 40Cr
15	螺母 Nut	黄铜 Brass

设计标准 Valve design

技术规范 Technical specification	
设计标准 Valve design	MSS SP–70
结构长度 Face to Face	ANSI B16.10
试验标准 Pressure test	API 598
连接法兰 Flange Drilling	ANSI B16.1

主要外形及连接尺寸 Main external and connecting dimensions(mm)

DN	L	D	K	B	C	n–Φd
		CL125	CL125			PN16
50	178	152	120.5	16	200	4–Φ19
65	190	178	139.5	18	200	4–Φ19
80	203	191	152.5	19	200	4–Φ19
100	229	229	190.5	24	280	8–Φ19
125	254	254	216	24	280	8–Φ22
150	267	279	241.5	26	280	8–Φ22
200	292	343	298.5	28	320	8–Φ22
250	330	406	362	30	350	12–Φ25
300	356	483	432	32	350	12–Φ25

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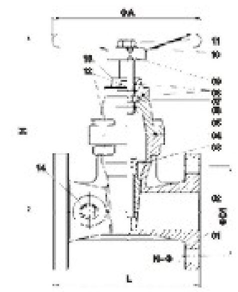
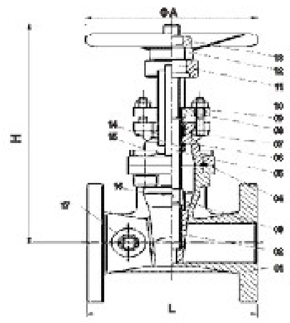
美标软密封闸阀200PSI
ANSI soft sealing gate valve 200PSI



主要零件及材料 Main parts and materials

零件名称 Part name	材料 Material
阀体 Body Materials	球墨铸铁DI
阀瓣 Disc	球墨铸铁+橡胶DI+EPDM
阀杆 Stem	304
阀盖 Bonnet	球墨铸铁DI
手轮 Handwheel	球墨铸铁DI

设计标准 Valve design

技术规范 Technical specification	
设计标准 Valve design	AWWA C515
标准压力 Normal pressure	200PSI
连接法兰 Flange Drilling	ANSI B16.1 Class 125 or according to customer requirements Both inside and outside of the body need Epoxy Resin Coating

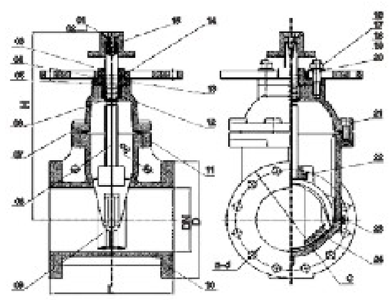
主要外形及连接尺寸 Main external and connecting dimensions(mm)

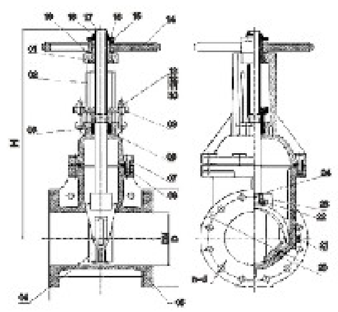
Inch	L	H	ΦD1	N–Φ	ΦA
2 1/2"	190	255	139.5	4–19	220
3"	203	289	152.5	4–19	250
4"	229	323	190.5	8–19	280
5"	254	386	216	8–22	300
6"	267	420	241.5	8–22	350
8"	292	520	298.5	8–22	380
10"	330	628	362	12–25	450
12"	356	725	432	12–25	450

主要外形及连接尺寸 Main external and connecting dimensions(mm)

Inch	L	H	ΦA
2"	178	280	180
2 1/2"	190	310	220
3"	203	370	250
4"	229	428	280
5"	254	532	300
6"	267	590	350
8"	292	735	380
10"	330	908	450
12"	356	1150	450

美标软密封闸阀300PSI
ANSI soft sealing gate valve 300PSI



主要零件及材料 Main parts and materials

零件名称 Part name	材料 Material
阀体 Body Materials	球墨铸铁DI
阀瓣 Disc	球墨铸铁+橡胶DI+EPDM
阀杆 Stem	304
阀盖 Bonnet	球墨铸铁DI
手轮 Handwheel	球墨铸铁DI

设计标准 Valve design

技术规范 Technical specification	
设计标准 Valve design	AWWA C515
标准压力 Normal pressure	300PSI
连接法兰 Flange Drilling	ANSI B16.1 Class 125 or according to customer requirements Both inside and outside of the body need Epoxy Resin Coating

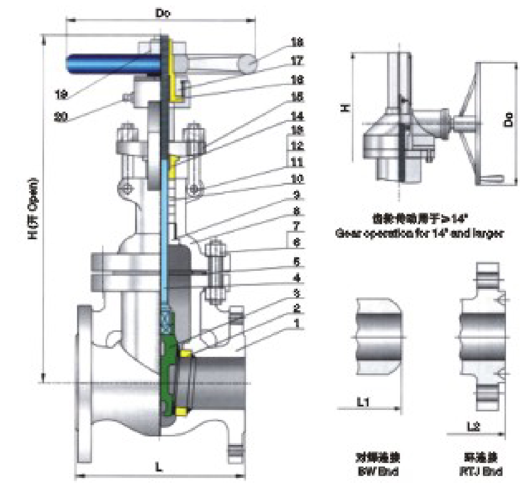
主要外形及连接尺寸 Main external and connecting dimensions(mm)

Inch	L	D	c	n-d	H
$2^1/_2$"	190	178	139.5	4-19	292
3"	203	191	152.5	4-19	322
4"	229	229	190.5	8-19	342
5"	254	254	216	8-22	412
6"	267	279	241.5	8-22	448
8"	292	343	298.5	8-22	534
10"	330	406	362	12-25	635
12"	356	483	432	12-25	720

主要外形及连接尺寸 Main external and connecting dimensions(mm)

Inch	L	D	c	n-d	H
$2^1/_2$"	190	178	139.5	4-19	357
3"	203	191	152.5	4-19	411
4"	229	229	190.5	8-19	443
5"	254	254	216	8-22	536
6"	267	279	241.5	8-22	595
8"	292	343	298.5	8-22	739
10"	330	406	362	12-25	881
12"	356	483	432	12-25	1021

美标铸钢/不锈钢闸阀
ANSI Cast steel/stainless steel gate valves

主要零件材质 Material Specifications

序号 No.	部件 Parts	材料 Material
1	阀体 Body	ASTM A216 Gr.WCB
2	阀座 Seat ring	ASTM A105+13Cr
3	闸板 Wedge	ASTM A216 Gr.WCB+13Cr
4	阀杆 Stem	ASTM A182 F6a
8	阀盖 Bonnet	ASTM A216 Gr.WCB
10	填料 Packing	柔性石墨 Graphite
18	手轮 Handwheel	可锻铸铁 Malleable Iron

备注：阀体材质有ASTM A216 WCB、A352 LCB、A217 WC1 WC6、WC9、C5、A351 CF8 CF8M、CF3、CF3M 本表仅以ASTM A216 WCB为例。

设计标准 Valve design

技术规范 Technical specification	
设计标准 Valve design	API 600/API 603
结构长度 Face to Face	≤36" 按ASME B16.10 ≥40" 按制造商标准 36"and smaller to ASME B16.10 40" and larger to manufacturer's standard
法兰尺寸 Flanged End	≤24" 按ASME B16.5 ≥26" 按ASME B16.47系列A ≤24" ASME B16.5 ≥26" ASME B16.47 A
对焊端尺寸 B.W. End	ASME B16.25
阀体壁厚 Shell Wall Thickness	≤24" 按API 600，DN≥26" 按制造商标准 ≤8" 阀门的阀盖与支架一体式设计 ≥10" 阀门的阀盖采用分体式结构设计 24" and smaller to API 600 26" and larger to manufacturer's standard 8" and smaller valves have a one-piece bonnef and yoke design 10" and larger valves have a split bonnet and yoke design.

结构尺寸 Dimensions(Class 150)

阀门尺寸 Valve Size	In. mm	$1^1/_2$ 40	2 50	$2^1/_2$ 65	3 80	4 100	5 125	6 150	8 200	10 250	12 300	14 350	16 400	18 450	20 500	24 600	28 700	30 750	32 800	36 900	40 1000	42 1050	48 1200
L突面 (RF)	In. mm	6.5 165	7 178	7.5 190	8 203	9 229	10 254	10.5 267	11.5 292	13 330	14 356	15 381	16 406	17 432	18 457	20 508	24 610	24 610	26 660	28 711	30 762	31 787	34 864
L1对焊 (BW)	In. mm	6.5 165	8.5 216	9.5 241	11.13 282	12 305	15 381	15.88 403	16.5 419	18 457	19.75 502	22.5 572	24 610	26 660	28 711	32 813	36 914	36 914	38 965	40 1016	42 1067	43 1092	46 1168
L2 环连接 (RTJ)	In. mm	7.0 178	7.5 191	8 203	8.5 216	9.5 242	10.5 267	11 280	12 305	13.5 343	14.5 369	15.5 394	16.5 419	17.5 445	18.5 470	20.5 521	24.5 623	24.5 622	26.5 673	28.5 724			
H 开 (Open)	In. mm	15.7 392	16.13 409	18.56 472	20.94 532	24.13 612	27.94 710	31.75 806	39 990	46.69 1186	55.31 1405	63.56 1615	71.31 1811	78.19 1986	87 2210	106.25 2298	119.31 3030	130.56 3317	137.25 3487	150.56 3825	183.86 4670	193.75 4920	217.5 5525
Do	In. mm	7.86 200	7.86 200	7.86 200	9.86 250	9.86 250	11.81 300	11.81 300	13.75 350	17.69 450	19.69 500	18.13 460	18.13 460	18.13 460	24 610	24 610	24 610	24 610	24 610	30 760	30 760	30 760	30 760

*The above specifications to be varied to suit your specific requirements.

美标铸钢/不锈钢闸阀
ANSI Cast steel/stainless steel gate valves

结构尺寸 Dimensions(Class 300)

阀门尺寸 Valve Size	In. mm	1 1/2 40	2 50	2 1/2 65	3 80	4 100	5 125	6 150	8 200	10 250	12 300	14 350	16 400	18 450	20 500	24 600	28 700	30 750	32 800	36 900	40 1000	42 1050	48 1200
L-L1 突面-对焊 (RF-BW)	In. mm	7.5 190	8.5 216	9.5 241	11.12 282	12 305	15 381	15.88 403	16.5 419	18 457	19.75 502	30 762	33 838	36 914	39 991	45 1143	54 1346	55 1397	61.12 1524	68 1727	76 1930	78 1981	88 2235
L2 环连接 (RTJ)	In. mm	8.0 203	9.12 232	10.12 257	11.74 298	12.62 321	15.62 397	16.5 419	17.12 435	18.62 473	20.37 518	30.62 778	33.62 854	36.62 930	39.75 1010	45.88 1165	54 1371	56 1422	61.12 1581	69.12 1755			
H 开 (Open)	In. mm	14.7 374	15.75 400	18.75 477	21.38 543	25.63 650	30.31 770	34.63 880	40.81 1037	50.19 1275	56.63 1438	65 1650	72.44 1840	79.94 2030	88.19 2240	114.19 2900	122 3100	139.38 354	152 3860	169.75 4312	188.63 4791	198.13 5032	217.38 5522
Do	In. mm	7.86 200	7.86 200	9.88 250	9.86 250	11.86 300	11.81 300	13.75 350	17.69 450	19.69 500	22.06 560	18.13 460	18.13 460	24 610	24 610	24 610	24 610	30 760	30 760	30 760	24 610	24 610	24 610

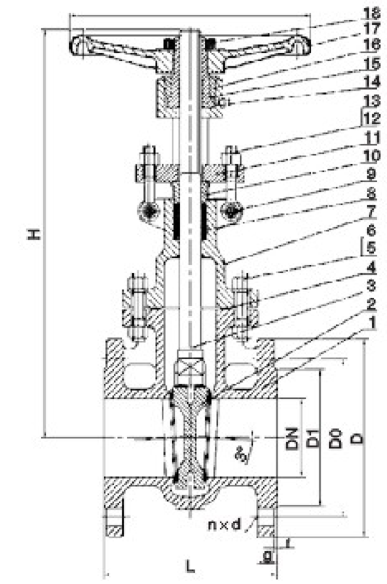
结构尺寸 Dimensions(Class 600)

阀门尺寸 Valve Size	In. mm	2 50	2 1/2 65	3 80	4 100	5 125	6 150	8 200	10 250	12 300	14 350	16 400	18 450	20 500	24 600	26 650	28 700	30 750	32 800	36 900
L-L1 突面-对焊 (RF-BW)	In. mm	11.5 292	13 330	14 356	17 432	20 508	22 559	26 660	31 787	33 838	35 889	39 991	43 1092	47 1194	55 1397	57 1448	61 1549	65 1651	70 1778	82 2083
L2 环连接 (RTJ)	In. mm	11.62 295	13.12 333	14.12 359	17.12 435	20.12 511	22.12 562	26.12 663	31.12 790	33.12 841	35.12 892	39.12 994	43.12 1095	47.25 1200	55.38 1407					
H 开 (Open)	In. mm	18.63 474	21.75 553	23.38 593	28.06 713	30.3 770	38.19 970	44.19 1122	52.38 1330	50.19 1275	68.13 1730	72.75 1835	90.13 2290	98.81 2510	119 3022	127.25 3232	140.25 3562	152.75 3880	163 4140	179.5 4560
Do	in. mm	9.88 250	9.88 250	11.81 300	13.75 350	15.7 400	19.69 500	22.06 560	28.38 720	24 610	24 610	24 610	24 610	30 760	30 760	30 760	30 760	24 610	24 610	24 610

结构尺寸 Dimensions(Class 900/1500/2500)

Pressure	阀门尺寸 Valve Size	In. mm	2 50	2 1/2 65	3 80	4 100	6 150	8 200	10 250	12 300
Class 900	L-L1 突面-对焊 (RF-BW)	In. mm	14.5 368	16.5 419	15 381	18 457	24 610	29 737	33 838	38 965
	L2 环连接 (RTJ)	In. mm	14.62 371	16.62 422	15.12 384	18.12 460	24.12 613	29.12 740	33.12 841	38.12 968
	H 开 (Open)	In. mm	21.56 547	27.56 700	28.15 715	28.69 729	41 1041	49.63 1260	62.63 1590	70.69 1795
	Do	In. mm	11.81 300	14 355	15.75 400	17.69 450	22.06 560	24 610	24 610	24 610
Class 1500	L-L1 突面-对焊 (RF-BW)	In. mm	14.5 368	16.5 419	18.5 470	21.5 546	27.75 705	32.75 832	39 991	44.5 1130
	L2 环连接 (RTJ)	In. mm	14.62 371	16.62 422	18.62 473	21.62 549	28 711	33.13 842	39.38 1001	45.12 1146
	H 开 (Open)	In. mm	22.63 574	27.56 700	31.75 806	34.94 887	42.5 1079	53.94 1370	59.81 1520	65 1651
	Do	In. mm	13.75 350	15.75 400	17.75 450	22.06 560	24 610	24 610	30 760	24 760
Class 2500	L-L1 突面-对焊 (RF-BW)	In. mm	17.75 451	20 508	22.75 578	26.5 673	36 914	40.25 1022	50 1270	
	L2 环连接 (RTJ)	In. mm	17.87 454	20.25 514	23 584	26.88 683	36.5 927	40.87 1038	50.88 1292	
	H 开 (Open)	In. mm	27.56 700	29.5 750	34.63 887	42.5 1079	53.94 1370	60.25 1530	80.5 2045	
	Do	In. mm	13.75 350	17.75 450	22.06 560	28.38 720	18.13 460	24 610	30 760	

德标铸钢/不锈钢闸阀F4
DIN Cast steel/stainless steel gate valve F4



主要零件材质 Material Specifications

序号 No.	部件 Parts	材料 Material
1	阀体 Body	GG GS-C25, CF8, CF8M
2	阀瓣 Disc	GS-C25, CF8, CF8M
3	阀杆 Stem	13Cr, F304, F316
5	螺栓 Bolt	A193-B7, A193-B8
7	阀盖 Bonnet	GG GS-C25, CF8, CF8M
8	填料 Packing	Flexible Graphite
17	手轮 Handwheel	A105, F304, F316

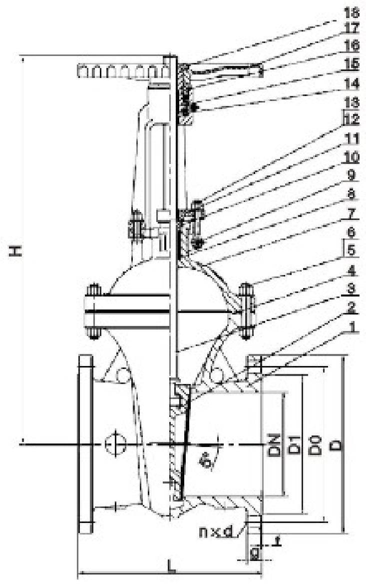
设计标准 Valve design

技术规范 Technical specification	
设计标准 Valve design	DIN EN13709-2003
结构长度 Face to Face	DIN EN558-1:1995
试验标准 Pressure test	DIN EN12266:2003
连接法兰 Flange Drilling	DIN EN1092-1:2002

规格尺寸 Main Sizes and Dimensions

公称通径 DN	PN16									PN25									PN40								
	L	D	Do	D1	g	f	n×d	H	W	L	D	Do	D1	g	f	n×d	H	W	L	D	Do	D1	g	f	n×d	H	W
40	140	150	110	88	18	3	4×18	325	200	140	150	110	88	20	3	4x18	325	200	140	150	110	88	20	3	4x18	325	200
50	150	165	125	102	18	3	4×18	335	200	150	165	125	102	20	3	4x18	335	200	150	165	125	102	20	3	4x18	335	200
65	170	185	145	122	18	3	8×18	360	200	170	185	145	122	22	3	8x18	360	200	170	185	145	122	22	3	8x18	360	200
80	180	200	160	138	20	3	8×18	410	200	180	200	160	138	24	3	8x18	410	200	180	200	160	138	24	3	8x18	410	200
100	190	220	180	158	20	3	8×18	480	200	190	235	190	162	24	3	8x22	480	200	190	235	190	162	24	3	8x22	480	200
125	200	250	210	188	22	3	8×18	515	250	200	270	220	188	26	3	8x26	515	250	200	270	220	188	26	3	8x26	515	250
150	210	285	240	212	22	3	8×22	590	250	210	300	250	218	28	3	8x26	590	250	210	300	250	218	28	3	8x26	590	250
200	230	340	295	268	24	3	12×22	735	300	230	360	310	278	34	3	12x26	735	300	230	375	320	285	34	3	12x30	735	300
250	250	405	355	320	26	3	12×26	890	350	250	425	370	335	36	3	12x30	890	350	250	450	385	345	38	3	12x33	890	350
300	270	460	410	378	28	4	12×26	1040	400	270	485	430	395	40	4	12x30	1040	400	270	515	450	410	42	4	16x33	1040	400

德标铸钢/不锈钢闸阀F5
DIN Cast steel/stainless steel gate valve F5



主要零件材质 Material Specifications

序号 No.	部件 Parts	材料 Material
1	阀体 Body	GG GS-C25, CF8, CF8M
2	阀瓣 Disc	GS-C25, CF8, CF8M
3	阀杆 Stem	13Cr, F304, F316
5	螺栓 Bolt	A193-B7, A193-B8
7	阀盖 Bonnet	GG GS-C25, CF8, CF8M
8	填料 Packing	Flexible Graphite
17	手轮 Handwheel	A105, F304, F316

设计标准 Valve design

技术规范 Technical specification	
设计标准 Valve design	DIN EN12288-2003
结构长度 Face to Face	DIN EN588-1:1995
试验标准 Pressure test	DIN EN12266:2003
连接法兰 Flange Drilling	DIN EN1092-1:2002

规格尺寸 Main Sizes and Dimensions

公称通径 DN	PN16									PN25									PN40								
	L	D	Do	D1	g	f	n×d	H	W	L	D	Do	D1	g	f	n×d	H	W	L	D	Do	D1	g	f	n×d	H	W
40	240	150	110	88	18	3	4×18	310	200	240	150	110	88	20	3	4x18	310	200	240	150	110	88	20	3	4x18	310	200
50	250	165	125	102	18	3	4×18	319	250	250	165	125	102	20	3	4x18	319	250	250	165	125	102	20	3	4x18	319	250
65	270	185	145	122	18	3	8×18	367	250	270	185	145	122	22	3	8x18	367	250	270	185	145	122	22	3	8x18	367	250
80	280	200	160	138	20	3	8×18	427	250	280	200	160	138	24	3	8x18	427	250	280	200	160	138	24	3	8x18	427	250
100	300	220	180	158	20	3	8×18	514	300	300	235	190	162	24	3	8x22	514	300	300	235	190	162	24	3	8x22	514	300
125	325	250	210	188	22	3	8×18	523	300	325	270	220	188	26	3	8x26	523	300	325	270	220	188	26	3	8x26	523	300
150	350	285	240	212	22	3	8×22	625	350	350	300	250	218	28	3	8x26	625	350	350	300	250	218	28	3	8x26	625	350
200	400	340	295	268	24	3	12×22	715	350	400	360	310	278	34	3	12x26	715	350	400	375	320	285	34	3	12x30	715	350
250	450	405	355	320	26	3	12×26	925	450	450	425	370	335	36	3	12x30	925	450	450	450	385	345	38	3	12x33	925	450
300	500	460	410	378	28	4	12×26	1075	450	500	485	430	395	40	4	12x30	1075	450	500	515	450	410	42	4	16x33	1075	450

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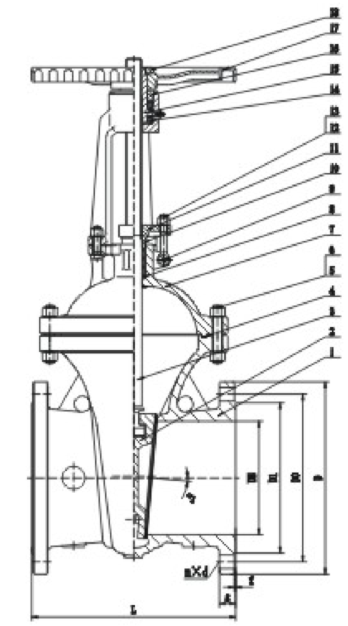

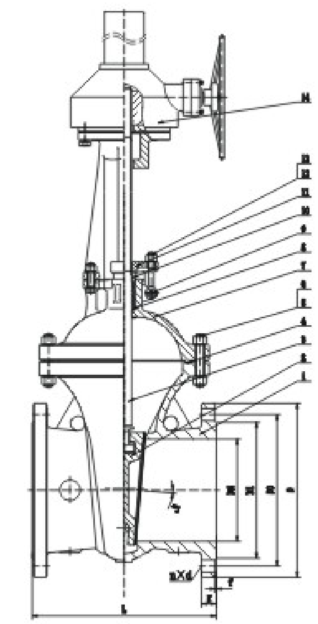

主要零件及材料 Main parts and materials

NO.	部件 Parts	材料 Material
1	阀体 Body	WCB+13Cr
2	阀瓣 Disc	WCB+13Cr
3	阀杆 Stem	2Cr13
4	垫片 Gasket	柔性石墨 Flexible Graphite+201
5	螺栓 Bolt	A193 B7
6	螺母 Nut	A194 2H
7	阀盖 Bonnet	WCB
8	填料垫 Packing	柔性石墨 Flexible Graphite
9	销 Pin	35#
10	压盖 Gland	1Cr13
11	密封压盖 Gland cover	WCB
12	键螺栓 Key bolt	A193 B7
13	螺母 Nut	A194 2H
14	轴承 Bearing	/
15	阀杆螺母 Stem nut	Q1450
16	轴承盖 Bearing cover	35#
17	手轮 Hand wheel	铸铁 Cast iron
18	自锁螺母 Locknut	35#

设计标准 Valve design

技术规范 Technical specification	
设计标准 Valve design	BS 5163
结构长度 Face to Face	EN558
测试标准 Test standard	EN12266
法兰标准 Flange standard	Bs4504

英标金属密封闸阀
BS Metal seal gate valve

主要外形及连接尺寸 Main external and connecting dimensions(mm)

PN1.6MPa

Size	Dimensions (mm)										
DN	d	L	D(1)	D(2)	D0	D1	g	f	H	W	n-Φd
15	15	130	95	95	65	46	14	2	170	120	4-14
20	20	150	105	105	75	56	16	2	190	140	4-14
25	25	160	115	115	85	65	16	2	205	160	4-14
32	32	180	135	140	100	78	16	2	270	180	4-18
40	40	200	145	150	110	84	18	2	310	200	4-18
50	50	250	160	165	125	99	20	2	358	240	4-18
65	65	265	180	185	145	118	20	2	373	240	4-18
80	80	280	195	200	160	132	20	2	435	280	8-18
100	100	300	215	220	180	156	22	2	500	300	8-18
125	125	325	245	250	210	184	22	2	614	320	8-18
150	150	350	280	285	240	211	24	2	674	360	8-22
200	200	400	335	340	295	266	24	2	818	400	12-22
250	250	450	405	405	355	319	26	2	969	450	12-26
300	300	500	460	460	410	370	28	2	1145	560	12-26
350	350	550	520	-	470	435	34	4	1280	640	16-25
400	400	600	580	-	525	485	36	4	1452	640	16-30
450	450	650	640	-	585	545	40	4	1541	720	20-30
500	500	700	705	-	650	608	44	4	1678	720	20-34
600	600	800	840	-	770	718	48	5	1874	800	20-41
700	700	900	910	-	840	788	50	5	-	-	24-41
800	800	1000	1020	-	950	898	52	5	-	-	24-41
900	900	1100	1120	-	1050	998	54	5	-	-	28-41
1000	1000	1200	1255	-	1170	1100	56	5	-	-	28-48

主要外形及连接尺寸 Main external and connecting dimensions(mm)

PN2.5MPa

Size	Dimensions (mm)									
DN	L	D(1)	D(2)	D0	D1	g	f	H	W	n-Φd
15	130	95	95	65	46	14	2	170	120	4-14
20	150	105	105	75	56	16	2	190	140	4-14
25	160	115	115	85	65	16	2	205	160	4-14
32	180	135	140	100	78	16	2	270	180	4-18
40	200	145	150	110	84	18	2	310	200	4-18
50	250	160	165	125	99	20	2	358	240	4-18
65	265	180	185	145	118	22	2	373	240	8-18
80	280	195	200	160	132	24	2	435	280	8-18
100	300	230	235	190	156	24	2	500	300	8-22
125	325	270	270	220	184	26	2	614	320	8-26
150	350	300	300	250	211	28	2	674	360	8-26
200	400	360	360	310	274	30	2	818	400	12-26
250	450	425	425	370	330	32	2	969	450	12-30
300	500	485	485	430	389	34	2	1145	560	16-30
350	550	550	-	490	448	44	4	1280	640	16-34
400	600	610	-	550	505	48	4	1452	640	16-34
450	650	660	-	600	555	50	4	1541	720	20-34
500	700	730	-	660	610	52	4	1678	720	20-41
600	800	840	-	770	718	56	5	1874	800	20-41
700	900	955	-	875	815	60	5	-	-	24-48
800	1000	1070	-	990	930	64	5	-	-	24-48
900	1100	1180	-	1090	1025	66	5	-	-	28-54

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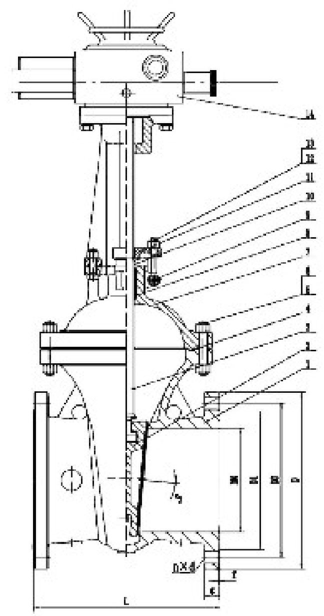
BS Electric metal-seal gate valve



主要零件及材料 Main parts and materials

NO.	部件 Parts	材料 Material
1	阀体 Body	WCB+13Cr
2	阀瓣 Disc	WCB+13Cr
3	阀杆 Stem	2Cr13
4	垫片 Gasket	柔性石墨 Flexible Graphite+201
5	螺栓 Bolt	A193 B7
6	螺母 Nut	A194 2H
7	阀盖 Bonnet	WCB
8	填料垫 Packing	柔性石墨 Flexible Graphite
9	销 Pin	35#
10	压盖 Gland	1Cr13
11	密封压盖 Gland cover	WCB
12	键螺栓 Key bolt	A193 B7
13	螺母 Nut	A194 2H
14	轴承 Bearing	/
15	阀杆螺母 Stem nut	Q1450
16	轴承盖 Bearing cover	35#
17	手轮 Hand wheel	铸铁 Cast iron
18	自锁螺母 Locknut	35#

设计标准 Valve design

技术规范 Technical specification	
设计标准 Valve design	BS 5163
结构长度 Face to Face	EN558
测试标准 Test standard	EN12266
法兰标准 Flange standard	Bs4504

主要外形及连接尺寸 Main external and connecting dimensions(mm)　　PN1.6MPa

Size	Dimensions (mm)											Electric Actuator Code
DN	d	L	D(1)	D(2)	D0	D1	g	f	H	W	n-Φd	
15	15	130	95	95	65	46	14	2	170	120	4-14	Z5
20	20	150	105	105	75	56	16	2	190	140	4-14	Z5
25	25	160	115	115	85	65	16	2	205	160	4-14	Z5
32	32	180	135	140	100	78	16	2	270	180	4-18	Z5
40	40	200	145	150	110	84	18	2	310	200	4-18	Z10
50	50	250	160	165	125	99	20	2	358	240	4-18	Z10
65	65	265	180	185	145	118	20	2	373	240	4-18	Z10
80	80	280	195	200	160	132	20	2	435	280	8-18	Z15
100	100	300	215	220	180	156	22	2	500	300	8-18	Z20
125	125	325	245	250	210	184	22	2	614	320	8-18	Z20
150	150	350	280	285	240	211	24	2	674	360	8-22	Z20
200	200	400	335	340	295	266	24	2	818	400	12-22	Z30
250	250	450	405	405	355	319	26	2	969	450	12-26	Z30
300	300	500	460	460	410	370	28	2	1145	560	12-26	Z45
350	350	550	520	-	470	435	34	4	1280	640	16-25	Z90
400	400	600	580	-	525	485	36	4	1452	640	16-30	Z120
450	450	650	640	-	585	545	40	4	1541	720	20-30	Z120
500	500	700	705	-	650	608	44	4	1678	720	20-34	Z180
600	600	800	840	-	770	718	48	5	1874	800	20-41	Z250
700	700	900	910	-	840	788	50	5	-	-	24-41	Z350
800	800	1000	1020	-	950	898	52	5	-	-	24-41	Z350
900	900	1100	1120	-	1050	998	54	5	-	-	28-41	Z500
1000	1000	1200	1255	-	1170	1100	56	5	-	-	28-48	Z800

主要外形及连接尺寸 Main external and connecting dimensions(mm)　　PN2.5MPa

Size	Dimensions (mm)										Electric Actuator Code
DN	L	D(1)	D(2)	D0	D1	g	f	H	W	n-Φd	
15	130	95	95	65	46	14	2	170	120	4-14	Z5
20	150	105	105	75	56	16	2	190	140	4-14	Z5
25	160	115	115	85	65	16	2	205	160	4-14	Z5
32	180	135	140	100	78	16	2	270	180	4-18	Z5
40	200	145	150	110	84	18	2	310	200	4-18	Z10
50	250	160	165	125	99	20	2	358	240	4-18	Z10
65	265	180	185	145	118	22	2	373	240	8-18	Z10
80	280	195	200	160	132	24	2	435	280	8-18	Z15
100	300	230	235	190	156	24	2	500	300	8-22	Z20
125	325	270	270	220	184	26	2	614	320	8-26	Z20
150	350	300	300	250	211	28	2	674	360	8-26	Z20
200	400	360	360	310	274	30	2	818	400	12-26	Z30
250	450	425	425	370	330	32	2	969	450	12-30	Z30
300	500	485	485	430	389	34	2	1145	560	16-30	Z60
350	550	550	-	490	448	44	4	1280	640	16-34	Z90
400	600	610	-	550	505	48	4	1452	640	16-34	Z120
450	650	660	-	600	555	50	4	1541	720	20-34	Z120
500	700	730	-	660	610	52	4	1678	720	20-41	Z180
600	800	840	-	770	718	56	5	1874	800	20-41	Z250
700	900	955	-	875	815	60	5	-	-	24-48	Z500
800	1000	1070	-	990	930	64	5	-	-	24-48	Z500
900	1100	1180	-	1090	1025	66	5	-	-	28-54	Z800

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BS Electric metal-seal gate valve

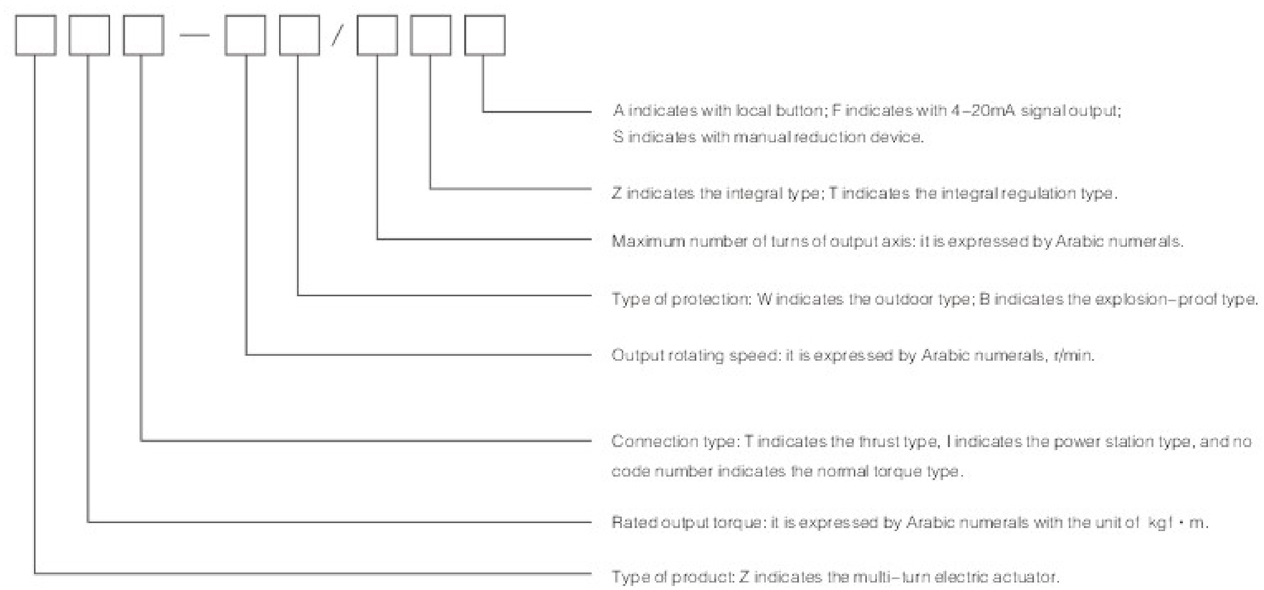
General Instruction

Multi-turn valve electric actuator, known by the name of Z-type, which is used for opening, closing or adjusting the valves, is an essential actuating device which can be used for remote control, centralized control and self control to the valves, with features of comprehensive function, reliable performance, advanced control system, small volume, light weight, convenient application and maintenance an so on .It can be applicable to the valves, whose open-close parts will move in a straight line, such as gate valve, stop valve, diaphragm valve, anchor gate, water gate valve and so on..

The actuator can be used in the industries like electric power, metallurgy, petroleum, chemical engineering, paper-making, sewage disposal and so on.

There are many types for multi-turn electric actuator: outdoor type, explosion-proof type, integral type, integral-regulation type, integral explosion proof type , integral-regulation explosion proof type and so on .It can be divided into torque type and thrust type according to the connection type.

Presentation of Model



Opening Environment and Major Technical Parameters

3.1 Power supply: general: single-phase 220V, three-phase 380V(50Hz), long distance DC24V Special: single-phase 110v, three-phase 415v, 660v,(50Hz,60Hz)

3.2 Operating environment:

3.2.1 Ambient temperature: 20 - +60℃(special order 60 - +80℃)

3.2.2 Relative humidity: 95%(when 25℃)

3.2.3.1 The outdoor type can be used in the places without inflammable/explosive and corrosive medium;

3.2.3.2 There are two types of explosion-proof products; d I can be applicable to non-excavating working area for coal mine, and d II BT4, which is applicable to the environment with IIA, IIB grade T1 - T4 explosive gas mixture, can be used in the factory.(For details refer to GB3836.1)

3.2.4Degree of protection: the outdoor type and explosion-proof type is IP55, IP65, IP67.

3.3 Working time: 10 minutes for short time(special order can reach to 15-60 minutes)

3.4 Refer to table 1 for the model and major performance parameter.

Table 1

Model &Spec.	Torque (N·m)	Thrust (KN)	Maximum diameter of valve stem(mm)	Manual ratio	Output Rotation speed (r/min)	Motor power (KW)	Current (A)	Referential weight (kg)
Z5	50	20	28	1:1	12/36	0.12/0.18	0.57/0.83	28
Z10	100	40	28	1:1	24/36	0.25/0.37	1.03/1.38	45
Z15	150	40	28	1:1	24/36	0.37/0.55	1.38/2.2	46
Z20	200	100	40	1:1	18/36	0.37/0.75	1.38/2.62	56
Z30	300	100	40	1:1	18/36	0.55/1.1	2.2/4	58
Z45	450	150	48	1:1/20:1	24/36	1.1/1.5	4/4.12	110
Z60	600	150	48	1:1/20:1	24/36	1.5/2.2	4.12/5.25	112
Z90	900	200	60	1:1/25:1	24/36	2.2/3	5.25/7.9	140
Z120	1200	200	60	1:1/25:1	24/36	3/4	7.9/8.87	142
Z180	1800	325	70	22.5:1	18/36	4/7.5	8.87/15.6	250
Z250	2500	325	70	22.5:1	18/36	5.5/10	12.05/20.5	255
Z350	3500	700	80	20:1	18/24	7.5/10	15.6/20.5	330
Z500	5000	700	80	20:1	18/24	10/15	20.5/26.6	350

Note: If user requires, we could provide the products with other rotation speed: 12/18/24/30/36/42/48/60(r/min)

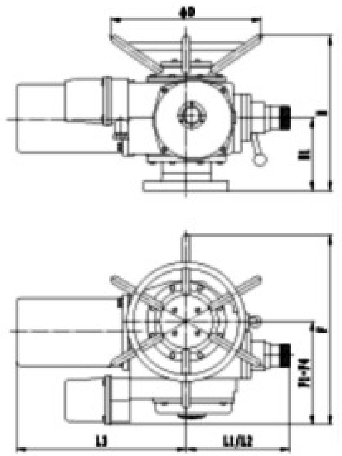
Normally, we provide the products with treble counters. If the number of turns is large, give clear indication of it when placing an order, we can provide the products with quadruple counters.

4.Outline and connection dimension

4.1 Outline and outline dimension(refer to Figure 1 and Table 2)

Table 2 Outline Dimension

Model	H	H1	L1	L2	L3	F	F1	F2	F3	F4	ΦD
Z5	271	96	158	226	249	158	259	–	310	–	316
Z10–Z30	316	130	200	238	295	200	255	317	349	374	400
Z45/Z60	415	195	277	277	394	230	275	391	369	394	460
Z90/Z120	453	195	281	281	412	278	310	426	404	429	556
Z180/Z250	585	250	320	320	474	295	360	476	455	476	320
Z350/Z500	717	280	399	399	1076	433	417	442	417	542	565



Note: 1) L1 is outdoor type/explosion–proof type; L2 is integral type/integral explosion;

2) F1 is outdoor type; F2 is explosion–proof type; F3 is integral type; F4 is integral explosion–proof type/integral regulation explosion–proof type.

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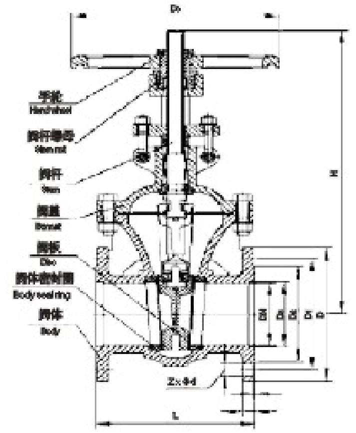
Structure

Z type electric actuator is consisted of motor, speed reducer, torque controller, motion controller, opening position indicator, manual–electric shifter, hand wheel and electric parts. The conventional type is sealing with ground surfaces; the outdoor type applies the round rabbet and o–seal ring seal; The explosion–proof type has the same sealing structure as the outdoor type, is added by the explosion–proof surface, and applies explosion–proof type connecting box and three phase motor used for the outdoors, anti corrosion, explosion–proof type electric valve of the YBDF series.

Trouble trouble shooting

No.	Trouble	Cause	Trouble shooting
1	The motor can not start	1.The power line disconnects. 2.control circuit is faulty the motion controller and torque controller break down	1. check the power line 2. remove the fault of motioncontroller or torque controller.
2	The turning direction Of output axis can not Meet the specification	The phase sequence of power supply has been connected wrongly	Exchange any two power lines.
3	The motor is Overheating	1. the continuous operating time is too Long 2. The motor can not match the electricactuator. 3. one phase conductors disconnects	1. stop running , and make the Motor cool down 2. check the matching situation 3. Check the power line
4	The motor stops when Running	1. the overload torque controller of electric actuator actuates 2. the valve is faulty	1. increase the setting torque 2. Check the valve
5	When the valve is in Place ,the motor can not stop running or the light is Off.	1. the motion controller and torque controller are faulty 2. the motion controller has been adjusted improperly	1. check the motion or torque Controller 2. readjust the motion controller
6	No signal of valve Location in distant place	1. remote–transmitting potentiometer is faulty 2. the set screw for gear of the potentiometer looses	1. check and replace the potentiometer 2. screw down the set screw for gear of the potentiometer

日标铸钢/不锈钢闸阀10K
JIS Cast steel/stainless steel gate valve 10K



主要零件材质 Material Specifications

序号 No.	部件 Parts	材料 Material
1	阀体 Body	GG GS–C25, CF8, CF8M
2	阀瓣 Disc	GS–C25, CF8, CF8M
3	阀杆 Stem	13Cr, F304, F316
5	螺栓 Bolt	A193–B7, A193–B8
7	阀盖 Bonnet	GG GS–C25, CF8, CF8M
8	填料 Packing	Flexible Graphite
17	手轮 Handwheel	A105, F304, F316

设计标准 Valve design

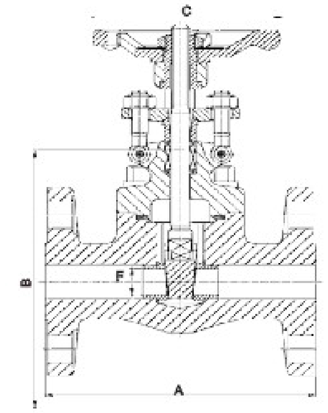
技术规范 Technical specification	
设计标准 Valve design	JIS B2073 B2083
结构长度 Face to Face	JIS B2002
试验标准 Pressure test	JIS B2003
连接法兰 Flange Drilling	JIS B2212 B2214

备注：阀体材质有WCB、SCS13、SCS13A、SCS14、SCS14A、SCS19、SCS19A、SCS16、SCS16A，本表仅以SCS13举例
Body material WCB, SCS13, SCS13A, SCS14, SCS14A, SCS19, SCS19A, SCS16, SCS16A, this only USES the example of SCS13

主要外形及连接尺寸 Main external and connecting dimensions(mm)

型号Type	通径DN	尺寸 measure (mm)								
		L	D	D1	D2	D3	b–f	Z–Φd	H	D0
10K	50	178	155	120	96	51	16–2	4×19	338	224
	65	190	175	140	116	66	18–2	4×19	362	224
	80	203	185	150	126	81.5	18–2	8×19	415	250
	100	229	210	175	151	102	18–2	8×19	447	300
	125	254	250	210	182	127	20–2	8×23	555	330
	150	267	280	240	212	152	22–2	8×23	618	330
	200	292	330	290	262	203	22–2	12×23	781.4	330
	250	330	400	355	324	254	24–2	12×25	927.4	400
	300	356	455	400	368	304	24–3	16×25	1073.4	450
20K	50	216	155	120	96	51	22–2	8×19	338	224
	65	241	175	140	116	66	24–2	8×19	362	224
	80	283	200	160	132	81.5	26–2	8×23	415	250
	100	305	225	185	156	102	28–2	8×23	447	300
	125	381	270	225	195	127	30–2	8×25	555	330
	150	403	305	260	230	152	32–2	12×25	618	355
	200	419	350	305	275	203	34–2	12×25	806	400
	250	457	430	380	345	254	38–2	12×27	958	450
	300	502	480	430	395	304	40–3	16×27	1081.5	500

锻钢法兰闸阀
Forged steel flange gate valve



主要零件材质 Material Specifications

序号 No.	部件 Parts	材料 Material
1	阀体 Body	A105
2	阀座 Seat	13Cr
3	闸板 Wedge	13Cr
4	阀杆 Stem	A182–F6a
5	垫片 Gasket	不锈钢+柔性石墨
6	阀盖 Bonnet	A105
7	螺母 Nut	A194–2H
8	螺栓 Bolt	A193–B7
9	填料 Packing	柔性石墨
10	阀杆螺母 Stem nut	13Cr
11	手轮 Handwheel	可锻铸铁
12	法兰 Flange	A105

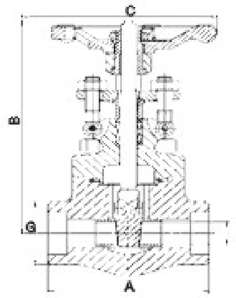
设计标准 Valve design

技术规范 Technical specification	
设计标准 Valve design	API 602
结构特征 Consturction Feature	明杆，螺栓连接阀盖或焊接阀盖 B.B OS&Y or WB OS&Y
结构长度 Face to Face	ANSI B16.10
法兰尺寸 Flanged connection	ANSI B16.5
测试标准 Test and inspection	API 598
主体材料 Body material	A105、F304、F316、F304L、F316L、F5、F11 F22...

主要外形及连接尺寸 Main external and connecting dimensions(mm)

MPa	Inch	A	B	C	F
CLASS 150LB	1/2"	108	153	100	13
	3/4"	117	153	100	13
	1"	127	185	120	18
	11/4"	140	222	160	24
	11/2"	165	240	160	29
	2"	178	279	180	36.8
CLASS 300LB	1/2"	140	153	100	13
	3/4"	152	153	100	13
	1"	165	185	120	18
	11/4"	178	222	160	24
	11/2"	190	240	160	29
	2"	216	279	180	36.8
CLASS 600LB	1/2"	165	153	100	13
	3/4"	190	153	100	13
	1"	216	185	120	18
	11/4"	229	222	160	24
	11/2"	241	240	160	29
	2"	292	279	180	36.8

锻钢丝扣/焊接闸阀
Forged steel threaded /weld gate valve



主要零件材质 Material Specifications

序号 No.	部件 Parts	材料 Material
1	阀体 Body	A105
2	阀座 Seat	13Cr
3	闸板 Wedge	13Cr
4	阀杆 Stem	A182–F6a
5	垫片 Gasket	不锈钢+柔性石墨
6	阀盖 Bonnet	A105
7	螺母 Nut	A194–2H
8	螺栓 Bolt	A193–B7
9	填料 Packing	柔性石墨
10	阀杆螺母 Stem nut	13Cr
11	手轮 Handwheel	可锻铸铁

设计标准 Valve design

技术规范 Technical specification	
设计标准 Valve design	API 602
结构特征 Consturction Feature	明杆，螺栓连接阀盖或焊接阀盖 B.B OS&Y or WB OS&Y
螺纹连接尺寸 FNPT connection	ANSI B1.20.1
承插焊连接尺寸 Socket weld connection	ANSI B16.11
测试标准 Test and inspection	API 598
主体材料 Body material	A105、F304、F316、F304L、F316L、F5、F11 F22...

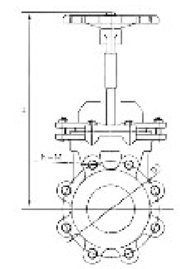
主要外形及连接尺寸 Main external and connecting dimensions(mm) Reduced Bore

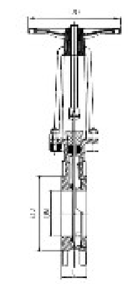
MPa	Inch	A	B	C	F	G
CLASS 800LB	1/4"	79	149	100	8	34
	3/8"	79	149	100	8	34
	1/2"	79	149	100	8	34
	3/4"	92	153	100	13	40
	1"	111	185	120	18	49
	1 1/4"	120	222	160	29	64
	1 1/2"	120	240	160	29	64
CLASS 1500LB	2"	140	279	180	36.5	78
	1/4"	79	175	100	8	34
	3/8"	92	178	100	13	40
	1/2"	92	181	125	13	42
	3/4"	111	181	125	13	49
	1"	120	218	160	18	58
	1 1/4"	120	237	160	24	64
	1 1/2"	140	274	180	29	78
	2"	160	319	200	36.8	88

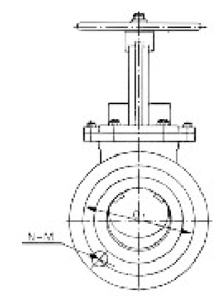
主要外形及连接尺寸 Main external and connecting dimensions(mm) Full Bore

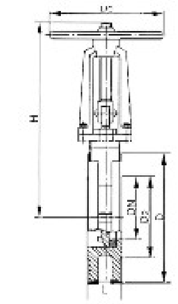
MPa	Inch	A	B	C	F	G
CLASS 800LB	1/2"	92	153	100	13	40
	3/4"	111	185	120	18	49
	1"	120	222	160	29	64
	1 1/4"	120	240	160	29	64
	1 1/2"	140	279	180	36.5	78
	2"	160	333	200	48	82
CLASS 1500LB	1/2"	111	181	125	13	49
	3/4"	120	218	160	18	58
	1"	120	237	160	24	64
	1 1/4"	140	274	180	29	78
	1 1/2"	160	319	200	36.8	88
	2"	210	345	200	48	88

手动凸耳/法兰式刀型闸阀
Manual lug/flanged knife gate valve









技术参数 Technical parameters

公称压力 Nominal pressure	0.6MPa、1.0MPa、1.6MPa、150Lb
公称通径 Nominal diameter	DN50～1200mm NPS 2"～40"
适用温度 Suitable temperature	–38～+900℃ (具体温度范围视密封副材质和介质性质而定 The specific temperature range depends on the material of the seal and the properties of the medium)
连接法兰 Connecting flange	ANSI B16.5、GB/T9113、JB/T79、HG、SH、JIS、DIN、NF、BS
主体材料 Host materials	WCB、ZG1Cr18Ni9Ti、ZG1Cr18Ni12Mo2Ti、CF8、CF8M、CF3、CF3M
密封型式 Seal type	硬密封、软密封 Hard seal, soft seal
泄漏量 leakage	硬密封 D级(液体0.1×DNmm³/s) 软密封 A级(零泄漏) Hard seal D–level (liquid 0.1 x DNmm³/s) Soft seal a–level (zero leakage)
配套附件 Provide ancillary	安装法兰 Mounting flange

主要外形及连接尺寸 Main external and connecting dimensions(mm)

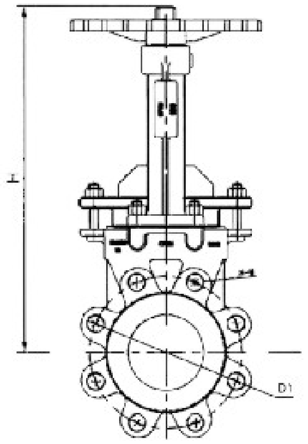
MPa	DN	L 系列1 Series 1	L 系列2 Series 2	D	D1	D2	H	N–M	Do
1.0MPa	50	50	48	160	125	100	285	4–M16	180
	65	50	48	180	145	120	298	4–M16	180
	80	50	51	195	160	135	315	4–M16	220
	100	50	51	215	180	155	365	8–M16	220
	125	50	57	245	210	185	400	8–M16	230
	150	60	57	280	240	210	475	8–M20	280
	200	60	70	335	295	265	540	8–M20	360
	250	70	70	390	350	320	630	12–M20	360
	300	80	76	440	400	368	780	12–M20	400
	350	90	76	500	460	428	885	16–M20	400
	400	100	89	565	515	482	990	16–M22	400
	450	120	89	615	565	532	1100	20–M22	530
	500	130	114	670	620	585	1200	20–M22	530
	600	130	114	780	725	685	1450	20–M27	600
	700	154	117	895	840	800	1700	24–M27	600
	800	160	130	1010	950	898	2000	24–M30	680
	900	203	160	1110	1050	1005	2300	28–M30	680
	1000	216	216	1220	1160	1115	2500	28–M30	700
	1200	254	254	1450	1380	1325	2800	32–M36	800

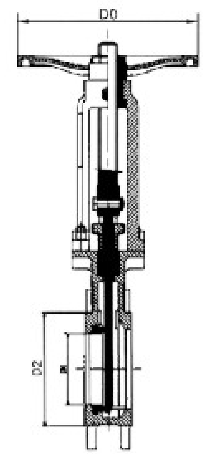
主要外形及连接尺寸 Main external and connecting dimensions(mm)

MPa	DN	L 系列1 Series 1	L 系列2 Series 2	D	D1	D2	H	N–M	Do
1.6MPa	50	50	48	160	125	99	285	4–M16	180
	65	50	48	185	145	120	298	4–M16	180
	80	50	51	200	160	135	315	8–M16	220
	100	50	51	220	180	155	365	8–M16	220
	125	50	57	250	210	185	400	8–M16	230
	150	60	57	285	240	210	475	8–M20	280
	200	60	70	340	295	265	540	12–M20	360
	250	70	70	405	355	320	630	12–M24	360
	300	80	76	460	410	375	780	12–M24	400
	350	90	76	520	470	435	885	16–M24	400
	400	100	89	580	525	485	990	16–M27	400
	450	120	89	640	585	545	1100	20–M27	530
	500	130	114	715	650	609	1200	20–M30	530
	600	130	114	840	770	720	1450	20–M33	600
	700	154	117	910	840	788	1700	24–M33	600
	800	160	130	1025	950	898	2000	24–M36	680
	900	203	160	1125	1050	988	2300	28–M36	680

注明：系列1为国标GB/T15188.2–1994(德标DIN3202–1 999) 系列2为美标MSS SP–81–2006 在客户没有指定结构长度的情况下 优先选用系列1。
Note: Series 1 is GB/T15188.2–1994 (German standard DIN3202–1 999) Series 2 is American standard MSS sp–81–2006
Series 1 is preferred in cases where the customer does not specify the length of the structure.

气动刀型闸阀
Pneumatic knife gate valve





技术参数 Technical parameters

公称压力 Nominal pressure	0.6MPa、1.0MPa、1.6MPa、150Lb
公称通径 Nominal diameter	DN50～1200mm NPS 2"～40"
适用温度 Suitable temperature	–38～+900℃ (具体温度范围视密封副材质和介质性质而定 The specific temperature range depends on the material of the seal and the properties of the medium)
连接法兰 Connecting flange	ANSI B16.5、GB/T9113、JB/T79、HG、SH、JIS、DIN、NF、BS
主体材料 Host materials	WCB、ZG1Cr18Ni9Ti、ZG1Cr18Ni12Mo2Ti、CF8、CF8M、CF3、CF3M
密封型式 Seal type	硬密封、软密封 Hard seal, soft seal
泄漏量 leakage	硬密封 D级(液体0.1×DNmm³/s) 软密封 A级(零泄漏) Hard seal D–level (liquid 0.1×DNmm³/s) Soft seal a–level (zero leakage)
配套附件 Provide ancillary	安装法兰 Mounting flange

主要外形及连接尺寸 Main external and connecting dimensions(mm)

公称通径 Nominal diameter		L	D	D1	D2	法兰孔数 Flange hole	通孔直径 Spindle bore
Inch	mm						
2"	50	48	152	120.5	92	4–W5/8	19
2½"	65	48	178	139.5	105	4–W5/8	19
3"	80	51	190	152.5	127	4–W5/8	19
4"	100	51	229	190.5	157	8–W5/8	19
5"	125	57	254	216.5	186	8–W3/4	22
6"	150	57	279	241.5	216	8–W3/4	22
8"	200	70	343	298.5	270	8–W3/4	22
10"	250	70	406	362	324	12–W7/8	25
12"	300	76	483	432	384	12–W7/8	25
14	350	76	533	476	413	12–W1	29
16"	400	89	597	539.5	470	16–W1	29
18"	450	89	635	578	533	16–W11/8	32
20"	500	114	698	635	584	20–W11/8	32
24	600	114	813	749.5	692	20–W11/4	32
28"	700	117	927	863.6	800	28–W11/4	35
30"	750	117	984	914.4	857	28–W11/4	35
32"	800	130	1060	978	914.4	28–W11/2	41
36"	900	160	1168	1086	1022	32–W11/2	41

WESDOM
www.wsdvalve.com
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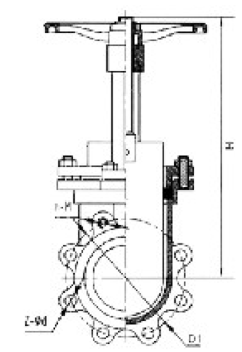
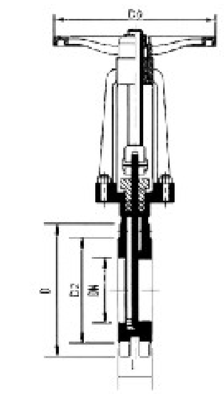
电动刀型闸阀
Electric knife gate valve





技术参数 Technical parameters

公称压力 Nominal pressure	0.6MPa、1.0MPa、1.6MPa、150Lb
公称通径 Nominal diameter	DN50～1200mm NPS 2"～40"
适用温度 Suitable temperature	–38～+900℃ (具体温度范围视密封副材质和介质性质而定 The specific temperature range depends on the material of the seal and the properties of the medium)
连接法兰 Connecting flange	ANSI B16.5、GB/T9113、JB/T79、HG、SH、JIS、DIN、NF、BS
主体材料 Host materials	WCB、ZG1Cr18Ni9Ti、ZG1Cr18Ni12Mo2Ti、CF8、CF8M、CF3、CF3M
密封型式 Seal type	硬密封、软密封 Hard seal, soft seal
泄漏量 leakage	硬密封 D级(液体0.1×DNmm³/s) 软密封 A级(零泄漏) Hard seal D–level (liquid 0.1×DNmm³/s) Soft seal a–level (zero leakage)
配套附件 Provide ancillary	安装法兰 Mounting flange

主要外形及连接尺寸 Main external and connecting dimensions(mm)

MPa	DN	L		D	D1	D2	H	N–M	Do
		系列1 Series 1	系列2 Series 2						
1.0MPa	50	50	48	160	125	100	285	4–M16	180
	65	50	48	180	145	120	298	4–M16	180
	80	50	51	195	160	135	315	4–M16	220
	100	50	51	215	180	155	365	8–M16	220
	125	50	57	245	210	185	400	8–M16	230
	150	60	57	280	240	210	475	8–M20	280
	200	60	70	335	295	265	540	8–M20	360
	250	70	70	390	350	320	630	12–M20	360
	300	80	76	440	400	368	780	12–M20	400
	350	90	76	500	460	428	885	16–M20	400
	400	100	89	565	515	482	990	16–M22	400
	450	120	89	615	565	532	1100	20–M22	530
	500	130	114	670	620	585	1200	20–M22	530
	600	130	114	780	725	685	1450	20–M27	600

MPa	DN	L		D	D1	D2	H	N–M	Do
		系列1 Series 1	系列2 Series 2						
1.6MPa	50	50	48	160	125	99	285	4–M16	180
	65	50	48	185	145	120	298	4–M16	180
	80	50	51	200	160	135	315	8–M16	220
	100	50	51	220	180	155	365	8–M16	220
	125	50	57	250	210	185	400	8–M16	230
	150	60	57	285	240	210	475	8–M20	280
	200	60	70	340	295	265	540	12–M20	360
	250	70	70	405	355	320	630	12–M24	360
	300	80	76	460	410	375	780	12–M24	400
	350	90	76	520	470	435	885	16–M24	400
	400	100	89	580	525	485	990	16–M27	400
	450	120	89	640	585	545	1100	20–M27	530
	500	130	114	715	650	609	1200	20–M30	530
	600	130	114	840	770	720	1450	20–M33	600

注明：系列1为国标GB/T15188.2–1994(德标DIN3202–1 999) 系列2为美标MSS SP–81–2006 在客户没有指定结构长度的情况下 优先选用系列1。
Note: Series 1 is GB/T15188.2–1994 (German standard DIN3202–1 999) Series 2 is American standard MSS sp–81–2006
Series 1 is preferred in cases where the customer does not specify the length of the structure.

我们产品主要销售市场是亚洲、非洲、中东（巴基斯坦、孟加拉国、印度尼西亚、马来西亚、越南、菲律宾、南非、埃及、肯尼亚、阿尔及利亚、乌干达、赞比亚、坦桑尼亚、埃塞俄比亚、沙特、阿联酋等）

Our main sales market is Asia, Africa and the Middle East (Pakistan, Bangladesh, Indonesia, Malaysia, Vietnam, Philippines, South Africa, Egypt, Kenya, Algeria, Uganda, Zambia, Tanzania, Ethiopia, Saudi Arabia, uae, etc.

品牌化营销网络
Brand marketing network

优胜的产品质量和品牌效应

高瞻远瞩，顶层设计
逐步扩大营销网络和完善用户服务网络，
创建威斯盾阀门高端品牌

The superior product quality and brand effect

Vision, top design
Gradually expanding the marketing network and improving the user service network,
Create the weisidun valve premium brand