

Factory overview



成品区一角
Area product



生产车间一角
Corner of Workshop



生产车间一角
Corner of Workshop



成品区一角
Area product

Factory overview



闸阀试验生产线
Gate Valves on the Testing Line



涂装流水线
EKB Coating Line



闸阀自动检测流水线
Automatic Testing Line for Gate Valve



产品在流水线上喷丸后过程中
Products on the Blasting Line



静电环氧树脂粉末涂装
Electrostatic Epoxy Resin
Powder Coating

Product summary



EKB信号闸阀
EKB Gate Valve with Signal



刀形闸阀
Knife Gate Valve



复合式排气阀
Composite-air Release Valve



承插式闸阀
Gate Valve with Socket Ends



EKB 软密封闸阀
Resilient-seated Gate Valve



承插式闸阀
Gate Valve with Socket Ends



软密封闸阀
Resilient-seated Gate Valve



DN600 软密封闸阀
Resilient-seated Gate Valve



DN600 带旁通 软密封闸阀
Resilient-seated Gate Valve With Bypass Valve

Product summary



全通径旋启式止回阀
Swing Check Valve with Gateway



双向金属密封蝶阀
Two-way Metal Sealig Butterfly Valve



双偏心软密封蝶阀
Resilient Seated Butterfly Valve



电动蝶阀
Butterfly Valve with Electrical actuator



DN100 暗杆截止式埋地消火栓
Underground Fire Hydrant-Screw-down



DN100 双筒排气阀
Double Tube Air Release Valve



DN800 带阻尼旋启式止回阀
Damping & Swing check Valve



DN2400 手动蝶阀在出厂前作最后调试
Butterfly Valves with Handle wheel are Tested before ex-work

Product summary



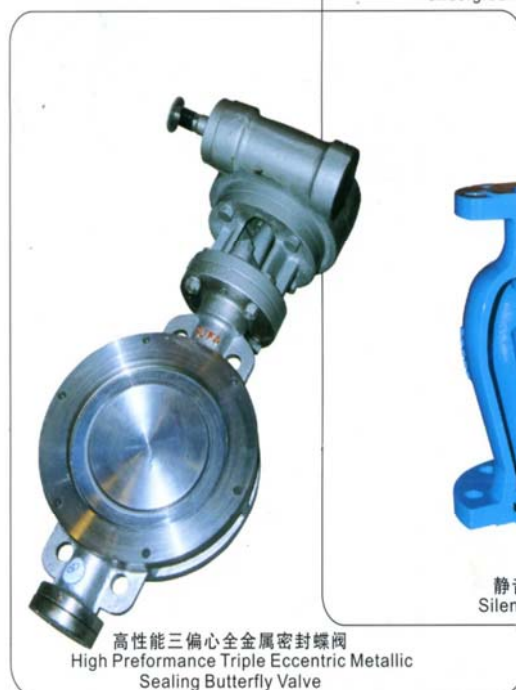
对夹式软密封蝶阀
Wafer Resilient Seated Butterfly Valve



对夹式软密封蝶阀
Wafer Resilient Seated Butterfly Valve



暗杆截止式埋地消火栓
Underground Fire Hydrant-Screw-down



高性能三偏心全金属密封蝶阀
High Performance Triple Eccentric Metallic Sealing Butterfly Valve



静音升降立式止回阀
Silence Lift Check Valve



对夹式软密封蝶阀
Wafer Resilient Seated Butterfly Valve

软密封闸阀 VALVES

Resilient-seated Gate Valve

先进性体现:

■ 概述:

- 本软密封闸阀采用无凹腔结构, 阀体阀盖内外表面喷涂环氧树脂, 闸板表面包覆橡胶, 这样从根本上杜绝了腐蚀发生的可能性。阀杆密封处舍弃填料而采用“O”形密封圈, 使得密封更加可靠。根据需要, 本闸阀可以采用操作杆、手轮、电动及气动等方式操作。

■ 独特的设计:

- 整体阀盖, 暗杆设计, 结构紧凑;
- 阀杆螺母与闸板两体结构, 无卡阻现象发生;
- 直通式, 无滞留凹腔;
- 阀杆密封采用“O”形密封圈。

■ 优秀的防腐性能:

- 壳体内、外表面喷涂环氧树脂, 需要时内表面衬搪瓷;
- 连接螺栓采用内六角螺栓, 顶部胶封。

■ 可靠的卫生性:

- 环氧树脂符合卫生标准GB/T17219-1998;
- 闸板整体包覆符合卫生检验的橡胶;
- 阀杆、阀杆螺母等零件采用不受水腐蚀的不锈钢或青铜等材料。

■ 适用范围:

- 饮用水、给排水、污水处理、天然气与煤气、工业以及食品等行业。

ADVANTAGE:

□ Summary:

- Flat bottom seat ring integral with the body, inside and outside epoxy resin coating, wedge wholly bonded with rubber, three “o” ring sealing, these all insure excellent corrosion protection and reliable sealing capability. Upon request, the gate valves can be actuated by operating lever, hand wheel, electrical actuator and so on.

□ Unique Design:

- Compact design: one-piece bonnet, non-rising stem.
- Stem nut is separated from wedge, no seizing-up.
- Flat bottom seat ring insures no dead space.
- “o” ring design for stem back sealing leads to maintenance-free.

□ Excellent corrosion protection:

- Inside epoxy resin coating or vitreous enamel (upon request), outside epoxy resin coating.
- Socket head cap bolts, sealed with glue on the top.

□ Reliable health nature:

- Epoxy resin coating complies with the GB/T17219.
- Wedge bonded with rubber for the health inspection.
- Trims are made of stainless steel or bronze.

□ Scope of application:

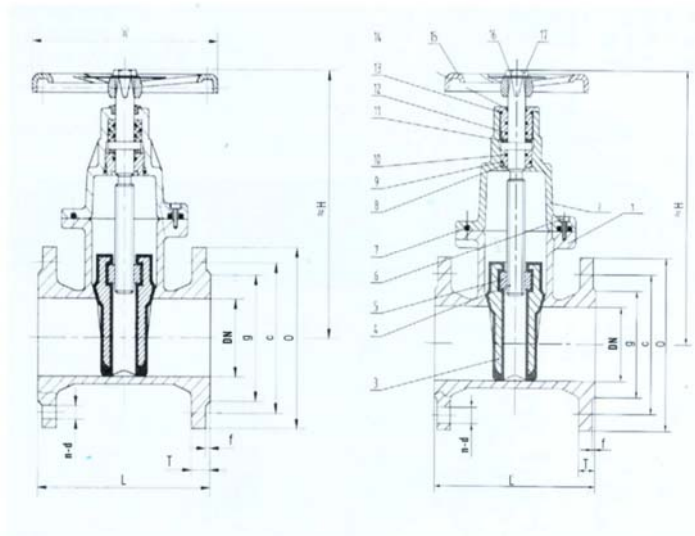
- Potable water supply, industrial fields.

产品型号 50~600TZ49X-16Q-0
Production type



- 设计标准 : DIN3352第4部分
- 连接法兰 : DIN2501 (等效于GB/T17241)
- 结构长度 : DIN3202 (等效于ISO5752)
- 工作温度 : 丁腈橡胶 ≤80℃
三元乙丙 ≤120℃
氟橡胶 ≤160℃
- 试验标准 : DIN3230或JB/T9092

- Design standard: DIN3352 Part 4
- Flange: DIN2501
- Face to face dimensions:
DIN3202 (equal to ISO5752)
- Testing standard: DIN3230 or JB/T9092
- Working temperature: NBR ≤80℃
EPDM ≤120℃
FPM ≤160℃



■ 技术特性 Technical characteristics :

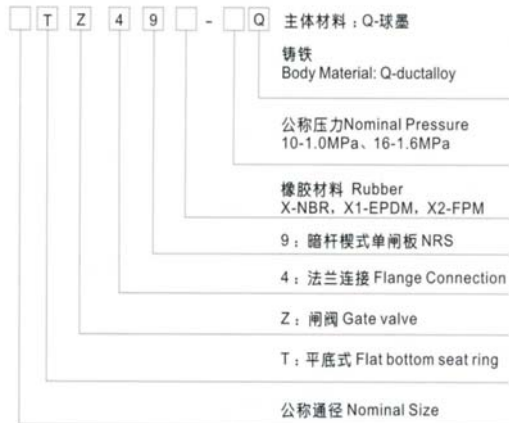
试验标准 testing standard	DIN3230 or JB/T9092	
公称压力 Nominal pressure	1.0Mpa	1.6Mpa
壳体试验 Strength testing	1.5Mpa	2.4Mpa
密封试验 Functional testing	1.1MPa	1.76Mpa

■ 主要零件及其材料 Main components and their materials:

NO.	名称 name	材料 material
1	阀体、阀盖 body、bonnet	QT500-7表面喷涂环氧树脂 GGG50 with internal and external epoxy resin coating
2	闸板 wedge	QT500-7表面包覆NBR、EPDM或FPM GGG50 with NBR, EPDM OR FPM coating
3	阀杆 stem	不锈钢: 1Cr13、1Cr18Ni9Ti或 1Cr17Ni12Mo2Ti Stainless steel
4	阀杆螺母、导向套 stem nut、bushing	青铜 ZCuAl10Fe3 Bronze
5	垫片、O形密封圈 washer、O-Ring	丁腈橡胶、三元乙丙或氟橡胶 NBR、EPDM or FBM

■ 型号编制方法:

- Product type numbering specification:



■ 尺寸及重量 Dimensions & weights :

DN mm	L (mm)		H mm	W mm	法兰尺寸 flange dimensions to DIN2501 (mm)										重量 Weight (Kg)				
					O		C		g		f	T		n-d		F4		F5	
	1.0 Mpa	1.6 Mpa			1.0 Mpa	1.6 Mpa	1.0 Mpa	1.6 Mpa	1.0 Mpa	1.6 Mpa		1.0 Mpa	1.6 Mpa	1.0 Mpa	1.6 Mpa	1.0 Mpa	1.6 Mpa	1.0 Mpa	1.6 Mpa
50	150	250	260	250	165		125		99		3	19		4-19		13		15	
65	170	270	270	250	185		145		118		3	19		4-19		15		18	
80	180	280	310	250	200		160		132		3	19		8-19		20		24	
100	190	300	340	250	220		180		156		3	19		8-19		28		32	
125	200	325	405	350	250		210		184		3	19		8-19		44		48	
150	210	350	460	350	285		240		211		3	19		8-23		50		56	
200	230	400	570	350	340		295		266		3	20		8-23	12-23	82	85	90	96
250	250	450	660	500	395	405	350	355	319		3	22		12-23	12-28	125	132	140	152
300	270	500	770	500	445	460	400	410	370		4	24.5		12-23	12-28	170	178	191	210
350	290	550	870	500	505	520	460	470	429		4	24.5	26.5	16-23	16-28	218	228	250	265
400	310	600	1010	640	565	580	515	525	480	489	4	24.5	28	16-28	16-31	288	304	320	340
450	330	650	1080	640	615	640	565	585	530	548	4	25.5	30	20-28	20-31	378	394	410	430
500	350	700	1180	640	670	715	620	650	582	609	4	26.5	31.5	20-28	20-34	498	518	530	560
600	390	800	1345	640	780	840	725	770	682	720	5	30	36	20-31	20-37	635	670	680	715

- 设计标准 : BS5163
- 连接法兰 : EN1092
- 结构长度 : BS5163
- 工作温度 : 丁腈橡胶 ≤80°C
三元乙丙 ≤120°C
氟橡胶 ≤160°C

■ 试验标准 : BS5163

■ 尺寸及重量 Dimensions & weights :

- ☐ Design standard: BS5163
- ☐ Flange: EN1092
- ☐ Face to face dimensions: BS5163
- ☐ Working temperature: NBR ≤80°C
EPDM ≤120°C
FPM ≤160°C
- ☐ Testing standard: BS5163

DN (mm)	L (mm)	H (mm)	□S (mm)	法兰尺寸 flange dimensions to EN1092 (mm)										重量Weight (Kg)		
				O		C		g		f	T		n-d			
				1.0MPa	1.6MPa	1.0MPa	1.6MPa	1.0MPa	1.6MPa		1.0MPa	1.6MPa	1.0MPa	1.6MPa	1.0MPa	1.6MPa
50	178	260	14	165		125		99		3	19		4-19		13	
65	190	270	17	185		145		118		3	19		4-19		15	
80	203	310	17	200		160		132		3	19		8-19		20	
100	229	340	19	220		180		156		3	19		8-19		27	
125	254	405	19	250		210		184		3	19		8-19		44	
150	267	460	19	285		240		211		3	19		8-23		49	
200	292	570	24	340		295		266		3	20		8-23	12-23	82	83
250	330	660	27	400	400	350	355	319		3	22		12-23	12-28	130	131
300	356	770	27	455	455	400	410	370		4	24.5		12-23	12-28	178	180
350	381	870	27	505	520	460	470	429		4	24.5	26.5	16-23	16-28	225	235
400	406	1010	32	565	580	515	525	480		4	24.5	28	16-28	16-31	300	315
450	432	1080	32	615	640	565	585	530	548	4	25.5	30	20-28	20-31	400	420
500	457	1180	36	670	715	620	650	582	609	4	26.5	31.5	20-28	20-34	525	550
600	508	1345	41	780	840	725	770	682	720	5	30	36	20-31	20-37	660	690

■ 设计标准 : ANSI/AWWA C509

■ 连接法兰 : ANSI B16.1

■ 结构长度 : ANSI B16.10

■ 工作温度 : 丁腈橡胶 ≤80°C
三元乙丙 ≤120°C
氟橡胶 ≤160°C

■ 试验标准 : ANSI/AWWA C509

■ 尺寸及重量 Dimensions & weights :

- ☐ Design standard: ANSI/AWWA C509
- ☐ Flange: ANSI B16.1
- ☐ Face to face dimensions: ANSI B16.10
- ☐ Working temperature: NBR ≤80°C
EPDM ≤120°C
FPM ≤160°C
- ☐ Testing standard: ANSI/AWWA C509

DN	L ANSI B16.10	H	W	法兰尺寸 flange dimensions to ANSI B16.1				重量 (Kg)
				O	C	T	n-d	
50	2"	178	250	152	120.5	15.9	4-19	15
65	2.5"	190	250	178	139.5	17.5	4-19	17
80	3"	203	250	191	152.5	19.1	4-19	25
100	4"	229	250	229	190.5	23.9	8-19	30
125	5"	254	350	254	216.0	23.9	8-22	48
150	6"	267	350	279	241.5	25.4	8-22	50
200	8"	292	350	343	298.5	28.6	8-22	100
250	10"	330	500	406	362	30.2	12-25	135
300	12"	356	500	483	432	31.8	12-25	200
350	14"	381	500	533	476	35	12-29	258
400	16"	406	640	597	539	36.6	16-29	342
450	18"	432	640	635	578	39.7	16-32	480
500	20"	457	640	699	635	42.9	20-32	594
600	24"	508	640	813	749.5	47.7	20-35	745

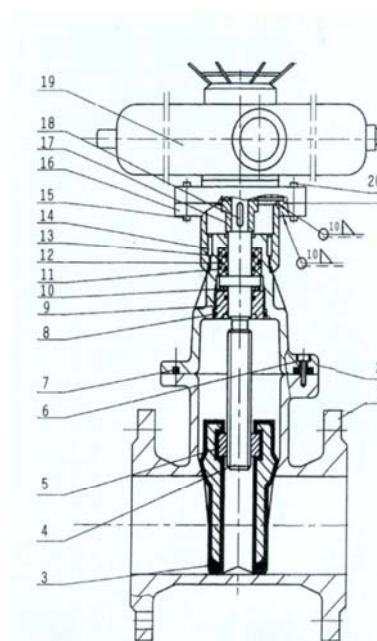
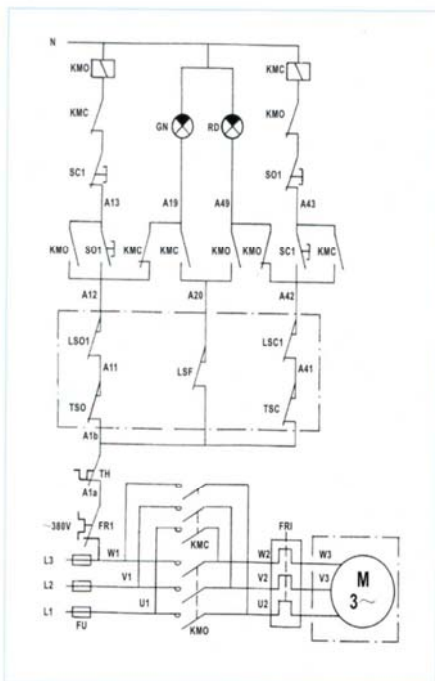
■ 闸阀扭矩表 Torque table of the gate valve:

DN(mm)	50	65	80	100	125	150	200	250	300	350	400	450	500	600
扭矩 Torque(N.M)	45	50	65	80	120	130	160	200	210	225	315	450	525	600

注：该表尺寸指 PN1.6 Mpa 闸阀的最大密封扭矩

The data in the above table are the maximum functional torque of the gate valve of PN1.6 Mpa.

■ 电动装置电路图 Circuit diagram of the actuator:



■ 尺寸及重量 Dimensions & weight:

DN	L (mm)		H	A	法兰尺寸 flange dimensions to DIN2501 (mm)										重量 Weight (Kg)						
					O		C		g		f	T		n-d		F4		F5			
	mm	F4			F5	mm	mm	1.0 Mpa	1.6 Mpa	1.0 Mpa		1.6 Mpa	1.0 Mpa	1.6 Mpa	1.0 Mpa	1.6 Mpa	1.0 Mpa	1.6 Mpa	1.0 Mpa	1.6 Mpa	
150	210	350	720	590	285		240		211		3	19		8-23		115				122	
200	230	400	970	590	340		295		266		3	20		8-23 12-23		146	150	152	160		
250	250	450	1040	810	395	405	350	355	319		3	22		12-23 12-28		235	242	250	262		
300	270	500	1300	810	445	460	400	410	370		4	24.5		12-23 12-28		280	288	302	320		
350	290	550	1420	810	505	520	460	470	429		4	24.5	26.5	16-23	16-28	328	338	360	375		
400	310	600	1560	810	565	580	515	525	480	489	4	24.5	28	16-28	16-31	398	414	440	450		
450	330	650	1610	810	615	640	565	585	530	548	4	25.5	30	20-28	20-31	490	505	520	540		
500	350	700	1680	830	670	715	620	650	582	609	4	26.5	31.5	20-28	20-34	638	658	670	700		
600	390	800	1795	830	780	840	725	770	682	720	5	30	36	20-31	20-37	775	810	820	855		

■ PN2.5MPa 软密封闸阀尺寸及重量 Dimensions & weight:

DN	L (mm)	H	W	法兰尺寸 flange dimensions to DIN2501 (mm)						重量 Weight (Kg)	
				o	C	g	f	T	n-d	F5	
50	250	260	250	165	125	99	3	19	4-19	17	
65	270	270	250	185	145	118	3	19	8-19	20	
80	280	310	250	200	160	132	3	19	8-19	27	
100	300	340	250	235	190	156	3	19	8-23	35	
125	325	405	350	270	220	184	3	19	8-28	53	
150	350	460	350	300	250	211	3	20	8-28	62	
200	400	570	350	360	310	274	3	22	12-28	106	
250	450	660	500	425	370	330	3	24.5	12-31	168	
300	500	770	500	485	430	389	4	27.5	16-31	231	
350	550	870	500	555	490	448	4	30	16-34	292	

EKB信号闸阀 VALVES

EKB Gate Valve with Signal

先进性体现:

■ 概述:

- 本 EKB 信号闸阀有精确开度指示, 同时配有信号灯 (也可以提供无信号灯但带有指示装置的阀门)。阀体阀盖内外表面喷涂环氧树脂, 闸板表面包覆橡胶, 这样从根本上杜绝了腐蚀发生的可能性。阀杆密封处采用 "O" 形密封圈。

■ 独特的设计:

- 精确开度指示;
- 配有信号灯, 使操作控制更方便;
- 整体阀盖:

- 直通道, 无滞留凹腔;
- 阀杆密封采用 "O" 形密封圈。

■ 优秀的防腐性能:

- 阀体、阀盖内外表面喷涂环氧树脂;
- 壳体外面喷涂环氧树脂, 内表面衬搪瓷;
- 连接螺栓采用内六角螺栓, 顶部胶封。

■ 可靠的卫生性:

- 环氧树脂符合卫生标准 GB/T17219-1998;
- 闸板整体包覆符合卫生检验的橡胶;
- 阀杆、阀杆螺母等零件采用不受水腐蚀的不锈钢或青铜等材料。

■ 适用范围:

- 消防、给排水、污水处理、工业以及食品等行业。

ADVANTAGE:

□ Summary:

- EKB gate valve with signal is equipped with accurate position indicator and signal light (optional). Flat bottom seat ring integral with the body, inside and outside epoxy resin coating, wedge wholly bonded with rubber, "o" ring sealing, all insure excellent corrosion protection and reliable sealing capability.

□ Unique Design:

- Accurate position indicator.
- With signal light, operation becomes more convenient.
- Compact design: one-piece bonnet, non rising stem.
- Flat bottom seat ring insures no dead space.

□ Excellent corrosion protection:

- Inside epoxy resin coating or vitreous enamel (upon request), outside epoxy resin coating.
- Socket head cap bolts, sealed with glue on the top.

□ Reliable health nature:

- Epoxy resin coating is up to GB/T17219.
- Wedge bonded with rubber for the health inspection.
- Trims are made of stainless steel or bronze.

□ Scope of application:

- Fire fighting, industrial application and so on.



产品型号
Production type

50~600XZ49X-16Q-0



SUFA

- 设计标准 : DIN3352第4部分
- 连接法兰 : DIN2501 (等效于GB17241)
- 结构长度 : DIN3202 (等效于ISO5752)
- 工作温度 : 丁腈橡胶 ≤80℃
三元乙丙 ≤120℃
氟橡胶 ≤160℃
- 试验标准 : DIN3230或JB/T9092
- Design standard: DIN3352 Part 4
- Flange: DIN2501
- Face to face dimensions: DIN3202 (equal to ISO5752)
- Testing standard: DIN3230 or JB/T9092
- Working temperature: NBR ≤80℃
EPDM≤120℃
FPM ≤160℃

■ 技术特性 Technical characteristics :

试验标准 testing standard	DIN3230 or JB/T9092	
公称压力 Nominal pressure	1.0Mpa	1.6Mpa
壳体试验 Strength testing	1.5Mpa	2.4Mpa
密封试验 Functional testing	1.1MPa	1.76Mpa

■ 主要零件及其材料 Main components and their materials:

NO.	名称 name	材料 material
1	阀体、阀盖 body、bonnet	QT500-7表面喷涂环氧树脂 GGG50 with internal and external epoxy resin coating
2	闸板 wedge	QT500-7表面包覆NBR、EPDM或FPM GGG50 with NBR, EPDM OR FPM coating
3	阀杆 Stem	不锈钢: 1Cr13、1Cr18Ni9Ti或 1Cr17Ni12Mo2Ti Stainless steel
4	阀杆螺母、导向套 stem nut、bushing	青铜 ZCuAl10Fe3 Bronze
5	垫片、O形密封圈 washer、O-Ring	丁腈橡胶、三元乙丙或氟橡胶 NBR、EPDM or FPM

■ 型号编制方法:

□ Product type numbering specification:

□ X	□ Z	□ 4	□ 9	□ -	□ Q	主体材料: Q-球墨
						铸铁 Body Material: Q-ductalloy
						公称压力 Nominal Pressure 10-1.0MPa、16-1.6MPa
						橡胶材料 Rubber X-NBR, X1-EPDM, X2-FPM
						9: 暗杆楔式单闸板 NRS
						4: 法兰连接 Flange Connection
						Z: 闸阀 Gate valve
						X: 信号装置 Signal device
						公称通径 Nominal Size

注: 根据需要可以按照BS5163和AWWA C509等标准制造。

■ 尺寸及重量 Dimensions & weights:

DN mm	L (mm)		H mm	W mm	法兰尺寸 flange dimensions to DIN2501 (mm)								重量 Weight (Kg)			
	F4	F5			O	C	g	f	T	n-d	F4	F5				
					1.0MPa	1.6MPa	1.0MPa	1.6MPa	1.0MPa	1.6MPa	1.0MPa	1.6MPa	1.0MPa	1.6MPa	1.0MPa	1.6MPa
40	140	240	300	250	150	110	84	3	19	4-19	9	11				
50	150	250	330	250	165	125	99	3	19	4-19	13	15				
65	170	270	360	250	185	145	118	3	19	4-19	15	18				
80	180	280	385	250	200	160	132	3	19	8-19	20	24				
100	190	300	430	250	220	180	156	3	19	8-19	28	32				
125	200	325	485	350	250	210	184	3	19	8-19	44	48				
150	210	350	460	350	285	240	211	3	19	8-23	50	56				
200	230	400	650	350	340	295	266	3	20	8-23 12-23	82	85	90	96		
250	250	450	760	500	395	405	350	355	319	3	22	12-23 12-28	125	132	140	152
300	270	500	870	500	445	460	400	410	370	4	24.5	12-23 12-28	170	178	191	210
350	290	550	980	500	505	520	460	470	429	4	24.5 26.5	16-23 16-28	218	228	250	265
400	310	600	1120	640	565	580	515	525	480 489	4	24.5 28	16-28 16-31	288	304	320	340
450	330	650	1200	640	615	640	565	585	530 548	4	25.5 30	20-28 20-31	378	394	410	430
500	350	700	1305	640	670	715	620	650	582 609	4	26.5 31.5	20-28 20-34	498	518	530	560
600	390	800	1345	640	780	840	725	770	682 720	5	30 36	20-31 20-37	635	670	680	715

承插式闸阀 VALVES

Gate Valve with Socket Ends

先进性体现:

■ 概述:

- 本直通承插式 EKB 软密封闸阀无需端法兰, 可与管子直接连接, 安装极为方便; 阀体与阀盖内外表面喷涂环氧树脂, 闸板表面包覆橡胶, 这样从根本上杜绝了腐蚀发生的可能性。阀杆密封处舍弃填料而采用“O”形密封圈, 使得密封更加可靠。推荐本阀安装在窰井盖下, 使用可调加长杆进行操作。本闸阀可以按照标准 DIN3352、BS5163 和 ANSI/AWWA C509 的要求进行制造。

■ 独特的设计:

- 管道直接承插入阀门通道即可实现密封;
- 整体阀盖;
- 暗杆设计, 结构紧凑;
- 阀杆密封采用“O”形密封圈。

■ 优秀的防腐性能:

- 阀体、阀盖内外表面喷涂环氧树脂;
- 壳体外表喷涂环氧树脂, 内表面衬搪瓷;
- 连接螺栓采用内六角螺栓, 顶部胶封。

■ 可靠的卫生性:

- 环氧树脂符合卫生标准 GB/T17219-1998;
- 闸板整体包覆符合卫生检验的橡胶;
- 阀杆、阀杆螺母等零件采用不受水腐蚀的不锈钢或青铜等材料。

■ 适用范围:

- 饮用水、给排水、污水处理、天然气与煤气、工业以及食品等行业。

ADVANTAGE:

□ Summary:

- This gate valve with socket ends can be connected with pipes directly without flanges, which leads to convenient installation. Flat bottom seat ring integral with the body, inside and outside epoxy resin coating, wedge wholly bonded with rubber, "o" ring sealing, all insure excellent corrosion protection and reliable sealing capability. This valve is recommended to be installed under the surface box, operated by an adjustable extension spindle.

□ Unique Design:

- Valves can be connected and sealed with pipes directly.
- Compact design: one-piece bonnet, non-rising stem.
- Flat bottom seat ring insures no dead space.
- Three "o" ring design for stem back sealing leads to maintenance-free.

□ Excellent corrosion protection:

- Inside epoxy resin coating or vitreous enamel (upon request), outside epoxy resin coating.
- Socket head cap bolts, sealed with glue on the top.

□ Reliable health nature:

- Epoxy resin coating is up to GB/T17219-1998.
- Wedge bonded with rubber for the health inspection.
- Trims are made of stainless steel or bronze.

□ Scope of application:

- Potable water supply, industrial fields and so on.

产品型号
Production type

80~300TZ59X-16Q-0



SUFA

- 设计标准 : DIN3352第4部分
- 结构长度 : DIN3202 (等效于ISO5752)
- 适用范围 : 与U-PVC或PE管的连接, 尤其适用于埋地管道系统
- 工作温度 : 丁腈橡胶 ≤80℃
三元乙丙 ≤120℃
氟橡胶 ≤160℃
- 试验标准 : DIN3230或JB/T9092

- Design standard: DIN3352 Part 4
- Face to face dimensions: DIN3202 (equal to ISO5752)
- Testing standard: DIN3230 or JB/T9092
- Application: U-PVC, PE pipe, especially suitable for underground pipe system
- Working temperature: NBR ≤80℃
EPDM≤120℃
FPM ≤160℃

■ 技术特性 Technical characteristics :

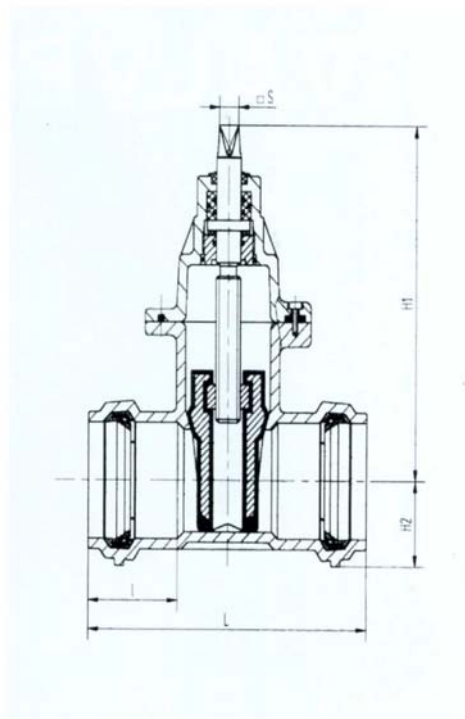
试验标准	testing standard	DIN3230 or JB/T9092	
公称压力	Nominal pressure	1.0Mpa	1.6Mpa
壳体试验	Strength testing	1.5Mpa	2.4Mpa
密封试验	Functional testing	1.1MPa	1.76Mpa

■ 主要零件及其材料 Main components and their materials:

NO.	名称name	材料material
1	阀体、阀盖 body、bonnet	QT500-7表面喷涂环氧树脂 GGG50 with internal and external epoxy resin coating
2	闸板 wedge	QT500-7表面包覆NBR、EPDM或FPM GGG50 with NBR, EPDM OR FPM coating
3	阀杆 stem	不锈钢: 1Cr13、1Cr18Ni9Ti或 1Cr17Ni12Mo2Ti Stainless steel
4	阀杆螺母、导向套 stem nut、bushing	青铜ZCuAl10Fe3 Bronze
5	垫片、O形密封圈 washer、O-Ring	丁腈橡胶、三元乙丙或氟橡胶 NBR、EPDM or FPM

■ 尺寸及重量 Dimensions & weights:

DN (mm)	管子外径 (mm) outside diameter of the pipe	L (mm)	L (mm)	H1 (mm)	H2 (mm)	□S (mm)	重量 weight (Kg)
80	90	280	96	310	66	17	20
110	110	300	100	340	76	19	28
150	160	350	115	460	105	19	48
175	200	400	120	570	128	24	80
200	225	400	130	570	140	24	82
300	315	530	160	770	192	27	166



■ 型号编制方法:

□ Product type numbering specification:

□	T	Z	5	9	□	Q
						主体材料 : Q-球墨 铸铁 Body Material: Q-ductalloy
						公称压力Nominal Pressure 10-1.0MPa、16-1.6MPa
						橡胶材料 Rubber X-NBR、X1-EPDM、X2-FPM
						9: 暗杆模式单闸板 NRS
						5: 承插连接 Socket end
						Z: Gate valve
						T: Flat bottom seat ring
						公称通径 Nominal Size

注: 根据需要可以按照BS5163和AWWA C509等标准制造

刀形闸阀 VALVES

Knife Gate Valve

■ 概述:

- 本产品是喷涂EKB的法兰式直通道软密封刀形闸阀,无滞留凹腔,阀杆为明杆左旋螺纹,随着外部阀杆螺母的旋转可直观阀门开启程度;U型弹性密封结构,密封可靠,结构长度短,重量轻,功能:可调节或切断含粗大颗粒、黏糊胶体、漂浮污物等各类介质的流量。驱动方式有:手轮,手动装置,电动,气动。

■ 独特的设计:

- U型弹性密封结构,密封可靠。
- U型弹性密封件为橡胶全包覆铁心,绝不露铁,制造技术精湛。
- 当本产品已在管道上使用一段时间后,无需卸下阀门即可轻易更换中控软密封件。
- 阀杆材料为不锈钢,阀杆螺纹为滚压制造,性能优良。
- 优秀的防腐性能:
- 阀体、阀盖、压条、连接板等零件内外表面喷涂环氧树脂,绝不露铁;且阀门内件为不锈钢,从而确保介质的纯净,同时也克服了传统同类阀门易生锈,防腐差的缺陷,延长了使用寿命。

■ 可靠的卫生性:

- 环氧树脂和橡胶符合卫生标准GB/T17219-1998。

■ 适用范围:

- 有各种漂浮污物的废水、泥浆类的治污厂;有石灰、矿渣、水垢类的电站、冶炼厂;制糖业;有胶体、膨化剂、黏糊颗粒的化工厂;造酒业;造纸业。

□ Main Feature:

- Knife gate valve is designed with a "U" resilient sealing part, outside electrostatic epoxy resin powder coating, without dead space, OS&Y stem, stem nut go up and down indicating the position of valve's operation; "U" resilient sealing part, insures the sealing capacity; short face to face dimension, low weight. Function: cut off or regulate the flow of all kinds of media: big granule, liquid cement, suspending sludge and so on. Upon request, the gate valves can be actuated by operating lever, hand wheel, electric actuator or pneumatic actuator.

□ Unique Design:

- "U" resilient sealing part, insures sealing capacity.
- "U" resilient sealing part made of iron and lined with rubber, no iron exposed.
- Easy to replace the resilient sealing part without uninstalling the valve.
- Rolling-formed stem made of stainless steel insures high strength and good accuracy.

□ Excellent corrosion protection:

- Outside electrostatic epoxy resin powder coating, inside components made of stainless steel, insure excellent corrosion protection.

□ Reliable health nature:

- Epoxy resin powder is up to the health standard GB/T17219-1998.

□ Scope of application:

- Waste water treatment and sewerage, electric power plant, smelting plant, sugar industry, chemical industry, winery, paper industry.



产品型号
Production type

50~300DTZ73X-10H

SUFA

- 设计标准 : DIN3352
- 连接法兰 : GB/T17241.6-1998等效于DIN2501
- 结构长度 : DIN3202等效于ISO5752
- 工作温度 : 丁腈橡胶 ≤80°C
三元乙丙 ≤120°C
氟橡胶 ≤160°C
- 试验标准 : DIN3352 第4部分
- Design standard: DIN3352
- Flange: GB/T17241.6-1998 Neq. DIN2501
- Face to face dimensions: DIN3202 Neq. ISO5752
- Testing standard: DIN3352 Part4
- Working temperature: NBR ≤80°C
EPDM ≤120°C
FPM ≤160°C

■ 技术性能 Technical characteristic:

公称通径 Nominal diameter	50~300	
公称压力 Nominal pressure	1.6MPa	1.0MPa
壳体试验 Strength testing	2.4MPa	1.5MPa
密封试验 Sealing testing	1.76MPa	1.1MPa

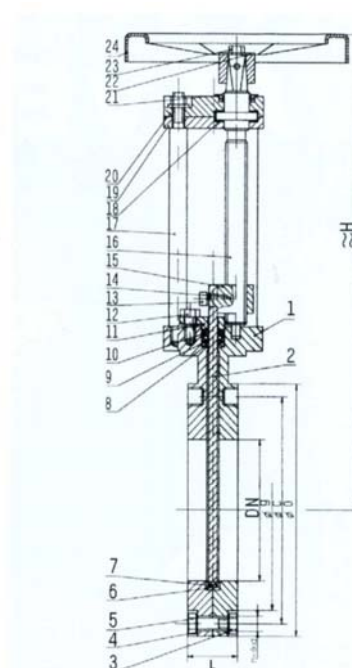
■ 主要零件和材料 main components and materials:

序号 NO.	名称 Name	材料 material
1	阀体、压圈、连接板 Body, gland, Connection plate	表面喷涂环氧树脂 Gray cast iron or ductile Iron with internal and external epoxy resin coating
2	阀杆、闸板、螺杆 stem, disc, bolt rod	不锈钢: 1Cr13、1Cr18Ni9Ti 或1Cr17Ni12Mo2Ti Stainless steel min. 13% Cr
3	阀杆螺母 stem nut	青铜 ZCuAl10Fe3 Bronze CuAl8Fe
4	垫片 shim	聚四氟乙烯 PTFE
5	压条、骨架 rack	工程塑料 ABS ABS
6	U形密封件、上盖 U-shape seal, cover	丁腈橡胶、三元乙丙或氟橡胶 NBR、EPDM or FPM
7	连接螺栓 Connection bolt	碳钢35 Carbon steel

■ 型号编制方法:

□ Product type numbering specification:

D	Z	7	3	-	H	主体材料: 灰铸铁 Grey cast iron
						公称压力 Nominal Pressure 10、16-1.0、1.6MPa
						密封面橡胶 Sealing Material X-NBR, X1-EPDM, X2-FPM
						3: 平行单闸板 One
						7: 对夹式 Wafer-type disc
						手轮省略代号 Wheel-no notes 3: 手动 Gearbox
						7: 气动 Pneumatic 9: 电动 Electric
						Z: 闸阀 Gate Valve
						D: 刀形 Knife-type
						公称通径 Nominal Size



■ 尺寸 Dimension

(mm)

DN	L	H	配用法兰尺寸 flange dimensions (mm)						
			O		C		g	n-d	
			1.0MPa	1.6MPa	1.0MPa	1.6MPa		1.0MPa	1.6MPa
50	43	330	165		125		99	4-19	
65	46	350	185		145		118	4-19	
80	46	380	200		160		132	8-19	
100	52	420	220		180		156	8-19	
125	56	460	250		210		184	8-19	
150	56	510	285		240		211	8-23	
200	60	610	340		295		266	8-23	12-23
250	68	710	395	405	350	355	319	12-23	12-28
300	78	830	445	460	400	410	370	12-23	12-28

EKB 燃气用软密封闸阀

VALVES

EKB Gate Valve for Gas Application

先进性体现:

■概述:

● 阀门内外表面喷涂黄色环氧树脂, 有效的防止燃气对球墨铸铁表面侵蚀而造成的剥落, 保护了燃气的清洁度。根据 CJ/T3055 规定, 闸板密封面采用橡胶密封, 这样阀门关闭时, 泄漏率为 0(硬密封闸阀关闭时允许有不大于 $0.3 \times DN \text{ mm}^3/\text{s}$ 的泄漏量)。阀杆密封处采用了多道“O”形密封圈, 与用填料的结构相比较, 具有长久的可靠性(阀杆用填料密封需要经常调整压缩量)。阀杆采用 1Cr13 不锈钢, 阀杆螺母采用高镍奥氏体球墨铸铁, 阀门里外杜绝铜材料。

■独特的设计:

- 精确开度指示;
- 整体阀盖;
- 直通道, 无滞留凹腔;
- 阀杆密封采用“O”形密封圈。

■优秀的防腐性能:

- 阀体、阀盖内外表面喷涂环氧树脂;
- 闸板内外表面全部包覆橡胶, 绝不露铁;
- 连接螺栓采用 Q235-A, 内六角螺栓, 顶部胶封。

■适用范围:

- 冶金、电站、城镇供气等行业的纯燃气管道 (使用温度 $< 80^\circ\text{C}$)。

ADVANTAGES:

□ Summary:

- EKB gate valve for gas application is equipped with accurate position indicator. Both the internal and external shell-surface is coated with epoxy resin to avoid the shell corrosion by the media, at the same time guarantee the gas clean. Compared with metal-to-metal seal gate valve, no leakage happens. In stem position several "o" ring sealing insure excellent corrosion protection and reliable sealing capability. The stem is made of stainless steel with at least 13% Cr, and no copper is in use for this kind of valve.

□ Unique Design:

- Accurate position indicator.
- With signal light, operation becomes more convenient.
- Compact design: one-piece bonnet, non rising stem.
- Flat bottom seat ring insures no dead space.

□ Excellent corrosion protection:

- Inside epoxy resin coating or vitreous enamel (upon request), outside epoxy resin coating.
- Socket head cap bolts, sealed with glue on the top.

□ Scope of application:

- Pure Gas application in power station, metallurgy field and so on.

产品型号
Production type

50~600RZ49X-16Q-0

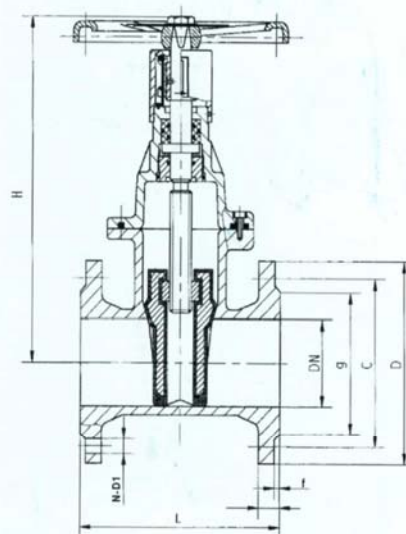


SUFA

- 设计标准: CJ/T3056
- 连接法兰: DIN2501 (等效于GB/T17241)
- 结构长度: DIN3202 (等效于ISO5752)
- 工作温度: 丁腈橡胶 ≤80℃
- 试验标准: CJ/T3055
- Design Standard: CJ/T3056
- Flange: DIN2501
- Face to face dimensions: DIN3202 (equal to ISO5752)
- Testing standard: CJ/T3055
- Working temperature: NBR ≤80℃

■ 技术特性 Technical characteristics:

试验标准 testing standard		CJ/T3055	
公称压力 Nominal pressure		0.4Mpa	0.6Mpa
壳体试验 Strength Testing	水压试验 Hydraulic	0.8Mpa	1.2MPa
	空气试验 Air	0.6Mpa	0.9Mpa
密封试验 Functional testing	空气试验 Air	0.44MPa	0.66MPa



■ 主要零件及其材料 Main components and their materials:

NO.	名称 name	材料 material
1	阀体、阀盖 body, bonnet	QT500-7表面喷涂环氧树脂 GGG50 with internal and external epoxy resin coating
2	闸板 wedge	QT500-7表面包覆丁腈橡胶 GGG50 with NBR
3	阀杆 stem	不锈钢: 1Cr13 Stainless steel
4	阀杆螺母、导向套 stem nut, bushing	高镍奥氏体铸铁 D2
5	垫片、O形密封圈 washer, O-Ring	丁腈橡胶 NBR

■ 型号编制方法:

□ Product type numbering specification:

□	R	Z	4	9	X	-	Q	—	主体材料: Q-球墨铸铁 Body Material: Q-ductalloy
									公称压力 Nominal Pressure 10-1.0MPa
									橡胶材料 Rubber X-NBR
									9: 暗杆模式单闸板 NRS
									4: 法兰连接 Flange Connection
									Z: 闸阀 Gate valve
									R: 燃气阀门, Gas Application
									公称通径 Nominal Size

■ 尺寸及重量 Dimensions & weights

连接法兰按照 PN1.0MPa (connection flanges to PN1.0MPa)

DN	L (mm)		H	W							重量 Weight (Kg)	
	F4	F5			O	C	g	f	T	n-d	F4	F5
50	150	250	330	250	165	125	99	3	19	4-19	13	15
65	170	270	360	250	185	145	118	3	19	4-19	15	18
80	180	280	385	250	200	160	132	3	19	8-19	20	24
100	190	300	430	250	220	180	156	3	19	8-19	28	32
125	200	325	485	350	250	210	184	3	19	8-19	44	48
150	210	350	460	350	285	240	211	3	19	8-23	50	56
200	230	400	650	350	340	295	266	3	20	8-23	82	90
250	250	450	760	500	395	350	319	3	22	12-23	125	140
300	270	500	870	500	445	400	370	4	24.5	12-23	170	191
350	290	550	980	500	505	460	429	4	24.5	16-23	218	250
400	310	600	1120	640	565	515	480	4	24.5	16-28	288	320
450	330	650	1200	640	615	565	530	4	25.5	20-28	378	410
500	350	700	1305	640	670	620	582	4	26.5	20-28	498	530
600	390	800	1345	640	780	725	682	5	30	20-31	635	680

双偏心软密封蝶阀

VALVES

Resilient Seated Butterfly Valve

先进性体现:

■ 概述:

- 双偏心软密封蝶阀是通过蝶板作 90° 旋转而进行启闭的一种阀门, 它不仅可用作切断介质, 还可用作调节介质的流量。化工行业的特别需要时, 阀体、阀盖内腔可进行搪瓷。用于空间的蝶阀可采用手轮操作, 用户需要时, 可改用电动或气动操作; 特殊埋地蝶阀, 用操作杆操作。

■ 独特的设计:

- 双偏心软密封蝶阀是一种新型蝶阀, 在蝶板全开时橡胶密封环完全脱离金属阀座, 因而增加使用寿命。
- 对于 DN1200 及以下口径, 阀体密封面采用独特的滚压技术, 将不锈钢座圈压入阀体内。而对于大口径 (DN > 1400), 则采用超音速喷涂阀体密封面, 其结合强度可达 50MPa。
- 橡胶密封圈与蝶板通过压圈作可调节紧固, 使密封压缩量控制在最佳状态。
- 阀体、蝶板材料采用球墨铸铁, 保证了阀门的足够强度。密封环采用橡胶及阀座圆锥密封面都使密封更可靠。

■ 优秀的防腐性能:

- 阀体、蝶板、压圈和支架内外表面喷涂环氧树脂。

■ 可靠的卫生性:

- 环氧树脂和橡胶符合卫生标准 GB/T17219-1998。

■ 适用范围:

- 给排水、暖通及燃气系统以及化工、发电、冶金等行业的大型装置上和管线上。

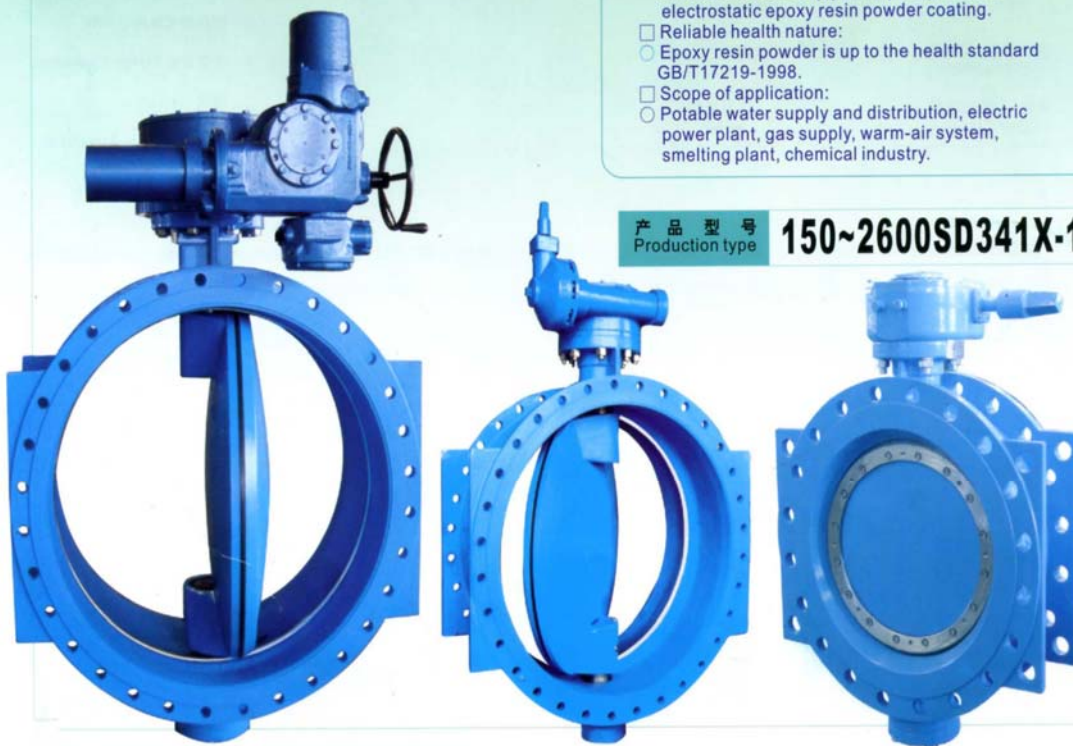
Guaranteed performance:

□ General:

- Double eccentric end-flanged resilient sealing butterfly valve is operated by the disc rotating from 0° to 90°, can be applied to cut off or regulate the flow of media. Vitreous enamel is available upon request. Valve can be actuated by operating lever, handle wheel, electric actuator or pneumatic actuator.

□ Professional design:

- When initiating the rotary opening movement the disc is off-seated after only a few degree of opening movement and there is very little wear and tear between seat ring and disc.
- Stainless steel seat ring is rolled into the valve body by applying special rolling technology when DN < 1200. Ultrasonic spray applies seal of valve body when DN > 1400.
- Rubber sealing ring and disc can adjust tightness or softness of sealing with clamping ring, it insures best performance of adjusting the compression of sealing.
- Body and disc made of ductile iron which promote the impact resistance and pressure-bearing capacity; sealing ring made of rubber and valve seat's sealing surface is conical shaped, make the sealing capacity more reliable.
- Excellent corrosion protection:
- Inside electrostatic epoxy resin powder coating or vitreous enamel (upon request), outside electrostatic epoxy resin powder coating.
- Reliable health nature:
- Epoxy resin powder is up to the health standard GB/T17219-1998.
- Scope of application:
- Potable water supply and distribution, electric power plant, gas supply, warm-air system, smelting plant, chemical industry.



产品型号
Production type

150~2600SD341X-16Q

- 设计标准 : DIN3354
- 连接法兰 : DIN2501 等效于GB/T17241.6
- 结构长度 : 长型DIN3202 (等效于ISO5752) 或短型BS5155
- 连接中法兰 : ISO 5211
- 工作温度 : 丁腈橡胶 ≤80°C 三元乙丙 ≤120°C
氟橡胶 ≤160°C
- 试验标准 : DIN3230 or GB/T13927
- Design standard: DIN3354
- Flange: DIN2501
- Face to face dimensions: DIN3202 or Bs5155
- Top Flange: ISO5211
- Testing standard: DIN3230 or GB/T13927
- Working temperature: NBR ≤80°C EPDM ≤120°C
FPM ≤160°C

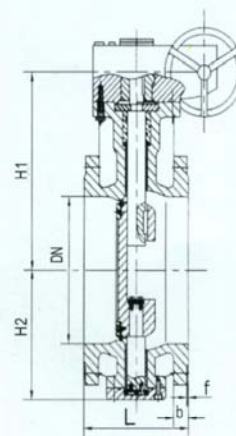
■ 技术性能 Technical Characteristic:

公称口径 Nominal diameter	DN150x2600mm		
公称压力 Nominal pressure	1.0MPa	1.6MPa	2.5MPa
壳体试验 Strength testing	1.5MPa	2.4MPa	3.75MPa
密封试验 Sealing testing	1.1MPa	1.76MPa	2.75MPa

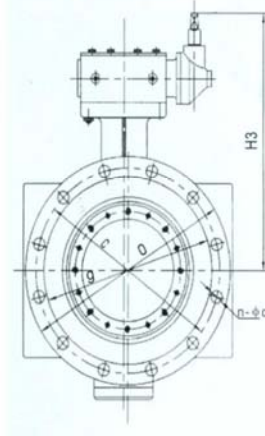
■ 主要零件和材料 main components and materials:

NO.	名 称 name	材 料 material
1	阀体、蝶板、 body, disc,	QT500-7表面喷涂环氧树脂 GGG50 with internal and external epoxy resin coating
2	上、下阀杆 stems	不锈钢: 1Cr13、1Cr18Ni9Ti或 1Cr17Ni12Mo2Ti Stainless steel min. 13% Cr
3	导向套、密封套 bushing	青铜 ZCuAl10Fe3 Bronze CuAl10Fe3
4	密封圈、O形密封圈 seal ring, O-Ring	丁腈橡胶、三元乙丙或氟橡胶 NBR、EPDM or FPM

■ 卧式安装结构示意图



■ 埋地安装结构示意图



■ 型号编制方法:

□ Product type numbering Specification:

S	D	4	1	-	Q
					主体材料 Q-球墨铸铁 Body Material: Q- ductalloy
					公称压力 Nominal Pressure 10-1.0MPa、16-1.6MPa 25-2.5MPa
					密封面橡胶 Sealing Material X-NBR, X1-EPDM, X2-FPM
					1: 垂直式蝶板 Vertical Disc
					4: 法兰连接 Flange Connection
					手轮不表示 Absent-handwheel 3: 蜗轮 Worm gear
					6: 气动 Pneumatic 9: 电动 Electric
					D: 蝶阀 Butterfly Valve
					S: 按 DIN3354设计, B: 结构长度按 BS5155
					公称口径 Nominal Size

■ 尺寸 Dimensions PN 1.0MPa 1.6MPa 2.5MPa

(mm)

DN	L		H1	H2	H3	法兰尺寸 flange dimensions comply with DIN2501															
						O			C			g			f	b			n-d		
	1.0	1.6				2.5	1.0	1.6	2.5	1.0	1.6	2.5	1.0	1.6		2.5	1.0	1.6	2.5		
150	210	140	226	165		285	285	300	240	240	250	212	212	211	3	19	19	20	8-23	8-23	8-28
200	230	152	255	192		340	340	360	295	295	310	268	268	274	3	20	20	22	8-23	12-23	12-28
250	250	165	293	227		395	405	425	350	355	370	320	320	330	3	22	22	24.5	12-23	12-28	12-31
300	270	178	326	260		445	460	485	400	410	430	370	378	390	4	24.5	24.5	27.5	12-23	12-28	16-31
350	290	190	368	314		505	520	555	460	470	490	430	438	450	4	24.5	26.5	30	16-23	16-28	16-34
400	310	216	423	346	634	565	580	620	515	525	550	482	490	500	4	24.5	28	32	16-28	16-31	16-37
450	330	222	455	385	666	615	640	670	565	585	600	532	550	560	4	25.5	30	34.5	20-28	20-31	20-37
500	350	229	506	422	728	670	715	730	620	650	660	585	610	610	4	26.5	31.5	36.5	20-28	20-34	20-37
600	390	267	568	490	790	780	840	845	725	770	770	685	725	720	5	30	36	42	20-31	20-37	20-40
700	430	292	632	550	854	895	910	960	840	840	875	800	795	820	5	32.5	39.5	46.5	24-31	24-37	24-43
800	470	318	692	615	924	1015	1025	1085	950	950	990	905	900	930	5	35	43	51	24-34	24-40	24-49
900	510	330	815	678	1098	1115	1125	1185	1050	1050	1090	1005	1000	1028	5	37.5	46.5	55.5	28-34	28-40	28-49
1000	550	410	880	743	1163	1230	1255		1160	1170		1110	1115		5	40	50		28-37	28-43	
1200	630	470	1024	860	1307	1455	1485		1380	1390		1330	1330		5	45	57		32-40	32-49	
1400	710	530	1210	1010	1350	1675	1685		1590	1590		1535	1530		5	46	60		36-43	36-49	
1600	790	600	1340	1140	1480	1915	1930		1820	1820		1760	1750		5	49	65		40-49	40-56	
1800	870	670	1460	1360	1640	2115			2020			1960			5	52			44-49		
2000	950	760	1660	1485	1800	2325			2230			2170			5	55			48-49		

DN	长型	短型	H1	H2	H3	O		C		g		f	b		n-d	
						0.6	1.0	0.6	1.0	0.6	1.0		0.6	1.0	0.6	1.0
2200	1000		1760	1617	2010	2475	2550	2390	2440	2335	2370	6	56	60	52-43	52-56
2400	1100		1885	1745	2135	2685	2760	2600		5	2570	6	58	62	56-43	56-56
2600	1200		2004	1837	2255	2905	2960	2810	2850	2780		6	60	64	60-49	60-56

对夹式软密封蝶阀

VALVES

Wafer Resilient Seated Butterfly Valve

■ 概述:

- 对夹式中线软密封蝶阀是管线优先选用的常规蝶阀。具有结构简洁, 流阻系数小, 流量特性趋于直线, 不会滞留杂物。且重量轻, 安装方便, 驱动扭矩较小的优点。这种阀门既可作切断介质用, 又可作调节介质的流量用。驱动装置根据用户要求, 分别可采用手动、电动、气动等方式。

■ 独特的设计:

- 蝶板与阀杆的连接采用无销钉结构, 克服了有可能的内泄漏点。
- 蝶板外圆采用球面造型, 提高了密封性能及延长了阀门的使用寿命, 带压启闭5万次以上仍保持零泄漏。
- 蝶板可根据用户要求喷涂覆层, 如尼龙或F46类。

■ 优秀的防腐性能:

- 阀体外表面喷涂环氧树脂。

■ 可靠的卫生性:

- 环氧树脂和橡胶符合卫生标准GB/T17219-1998。

■ 适用范围:

- 给排水、污水、食品、供暖、燃气、船舶、水电、冶金、能源系统以及轻纺等行业, 特别适用于双向密封和阀体易锈蚀场合。

□ General:

- Compact structure; low flow resistance; flow pattern tend to be straight; low weight; easy to install and maintain; small operation torque, open-close 90°, more smoothly. The valve can be applied to cut off or regulate the flow of media. Valve can be actuated by operating lever, handle wheel, electric actuator or pneumatic actuator.

□ Professional design:

- Disc and stem connected without pin bolts, which insure no inner leakage.
- The sealing surface of disc is spherical shaped, promote the sealing capacity and increase the durability, remain no leakage after opening and closing over 50,000 times.
- Upon request, disc can be coated with Nylon or F46.

□ Excellent corrosion protection:

- Outside electrostatic epoxy resin powder coating.

□ Reliable health nature:

- Epoxy resin powder is up to the health standard GB/T17219-1998.

□ Scope of application:

- Potable water supply and distribution, waste water treatment, electric power plant, gas supply, warm-air system, smelting plant, ship building, textile or other light industry.



产品型号 50~1000D71X-16Q
Production type

SUFA

- 设计标准 : DIN3354
- 连接法兰 : DIN2501 等效于GB/T17241.6-1998
- 结构长度 : DIN3202 (等效于ISO5752)
- 工作温度 : 丁腈橡胶 ≤80℃
三元乙丙 ≤120℃
氟橡胶 ≤160℃
- 试验标准 : DIN3230或ZBJ 16006-90
- Design standard: DIN3354
- Flange: DIN2501 neq GB/T17241.6-1998
- Face to face dimensions: DIN3202 (equal to ISO5752)
- Testing standard: DIN3230或ZBJ 16006-90
- Working temperature: NBR ≤80℃
EPDM ≤120℃
FPM ≤160℃

■ 技术性能 Technical Characteristic:

公称通径Nominal diameter	DN150~1000mm	
公称压力Nominal pressure	1.0MPa	1.6MPa
壳体试验 Strength testing	1.5MPa	2.4MPa
密封试验 Sealing testing	1.1MPa	1.76MPa

■ 主要零件和材料 main components and materials:

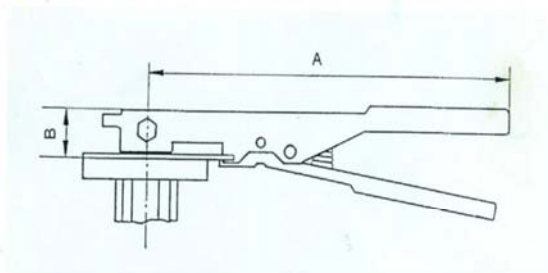
NO.	名称name	材料material
1	阀体 Body	灰铸铁、球墨铸铁、碳钢 gray cast iron, ductile iron, carbon steel
2	蝶板 Disc	球铁尼龙覆层、球铁电镀、球铁氯化聚醚覆层、铝青铜、不锈钢、碳钢电镀 plated ductile iron, ductile iron with nylon or polyether chloride coating, plated carbon steel, aluminium bronze, stainless steel
3	阀座及内衬 seat and line	天然橡胶、丁腈橡胶、氯丁橡胶、三元乙丙、硅橡胶、氟橡胶、聚四氟乙烯 NR, NBR, EPDM, FPM, SI, CR or PTFE
4	阀杆 stem	不锈钢、碳钢电镀、碳钢尼龙覆层 Stainless steel, plated carbon steel, carbon with nylon coating
5	"O"形密封圈 "O"-ring	丁腈橡胶、三元乙丙或氟橡胶 NBR, EPDM or FPM

■ 型号编制方法:

□ Product type numbering specification:

□ D	□ 7	□ 1	□ -	□	□	对夹式-不标出, 凸耳式-LT
						主体材料: Q-球墨铸铁 H-灰铸铁 C-碳钢 Body Material: Q-ductalloy H- gray cast iron C- carbon steel
						公称压力Nominal Pressure 10-1.0MPa 16-1.6MPa
						密封面橡胶 Sealing Material X-NBR, X1-EPDM, X2-FPM, F-PTFE
						1: 垂直式蝶板 Vertical Disc
						7: 对夹式连接 Wafer Connection
						手柄不表示 Absent-handwheel 3: 蜗轮 Worm gear
						9: 电动 Electric
						D: 蝶阀 Butterfly-Valve
						公称通径 Nominal Size

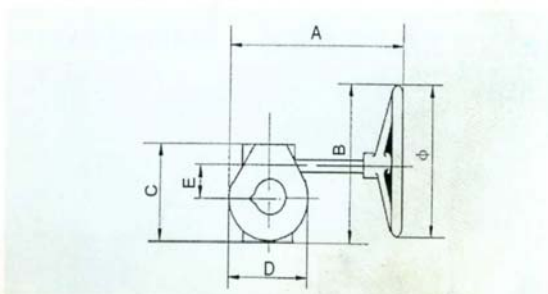
■ 手柄驱动装置 handle actuator:



■ 外形尺寸和重量 Overall dimensions & weights:

公称通径DN	A	B	重量 Kg weights
DN50~80	240	32	1.07
Dn100	270	32	1.07
Dn125~150	300	32	1.28
Dn200	355	38	1.9

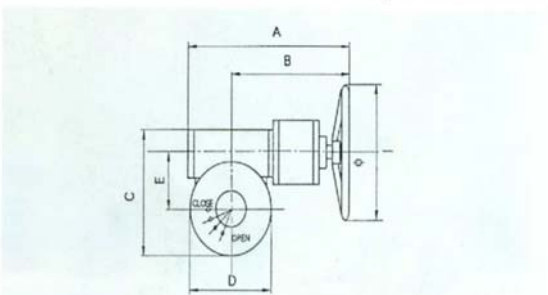
■ 一级蜗轮驱动装置 Single level worm-gear actuator:



■ 外形尺寸和重量 Overall dimensions & weights:

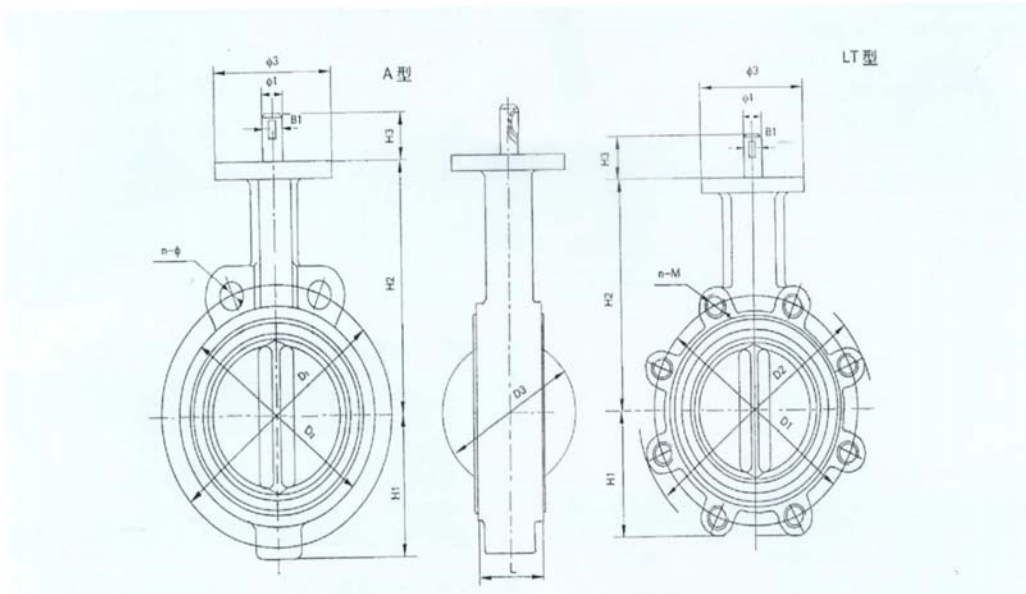
公称通径DN	A	B	C	D	E	φ	重量 Kg weights
DN50~150	245	115	125	105	53	152	4.2
DN200~250	400	172	117	153	78	220	10.8
DN300~350	400	310	188	162	83	305	14.2
Dn400~450	431	400	280	260	120	350	28.5

■ 二级蜗轮驱动装置 Double level worm-gear actuator:



■ 外形尺寸和重量 Overall dimensions & weights:

公称通径DN	A	B	C	D	E	φ	重量 Kg weights
DN500~600	488	350	313	276	120	300	50
DN700~800	544	390	372	300	400	400	65



密封副适用介质推荐表 SEALING PAIR FITTING MEDIA SHEET

密封副材料 Material of Sealing pair	适用温度 Suitable Temperature	介质类型及适用程度 Kinds of Media & Suitable Dgree													突出特点 Main Feature	价格 Price
		淡水 Fresh water	海水 Sea water	盐类 Salt	强碱 Strong Soda	弱碱 Light Soda	强酸 Strong Acid	弱酸 Light Acid	天然气 Gas	醇类 Alcohol	空气 Air	蒸汽 Steam	油类 Oil	食品 Food		
阀座 Seat	丁腈 NBR	-40℃~93℃													耐油 Oil Resisting	低 Lower
	三元乙丙 EPDM	-50℃~135℃													耐老化 Ageing Resisting	较低 Lower
	天然橡胶 NR	-20℃~80℃													高弹性 High Spring	低 Lower
	氯丁橡胶 CR	-40℃~82℃													耐光、耐老化 Light & Ageing Resisting	低 Lower
	硅橡胶 SI	-65℃~220℃													耐高温 High temperature Resisting	高 High
	氟橡胶 FPM	-23℃~204℃													耐高温、耐腐蚀 High temperature & Corrosion Resisting	高 Very High
	聚四氟乙烯 PTFE	-200℃~180℃													耐腐蚀、耐高温 Corrosion & High temperature Resisting	高 Very High
蝶板 Disc	球铁电镀 Plated Ductile Iron	-30℃~350℃													耐热 Heat Resisting	低 Lower
	球铁尼龙覆层 Ductile Iron Nylon Coating	-30℃~100℃			②										抗蚀、耐磨、减摩 Corrosion & Wear Resisting, Friction Reducing	较低 Lower
	球铁氯化聚醚覆层 Ductile Chloropolymer Coating	-30℃~130℃													耐磨、耐腐蚀 Wear & Corrosion Resisting	较低 Lower
	改性环氧覆层 Ductile Iron PEEK Coating	-15℃~100℃			③										耐磨、耐腐蚀 Wear & Corrosion Resisting	低 Lower
	球铁聚四氟乙烯覆层 Ductile Iron PTFE Coating	-30℃~180℃													耐腐蚀、耐磨 Corrosion & Wear Resisting	高 Very High
	铝青铜 Aluminum Bronze	-273℃~232℃	①												耐热、耐腐蚀 Heat & Corrosion Resisting	高 High
	不锈钢 Stainless Steel	-268℃~316℃	①												耐高温、耐腐蚀 Heat Resisting & Corrosion Resisting	高 High
	碳钢电镀 Plated Carbon Steel	-29℃~425℃													耐热 Heat Resisting	较低 Lower

备注：

1. 本表仅供参考，客户订货时还需详告介质名称、浓度、温度、压力，我们帮您作出最佳选择。

2. 表中：① 流速大于1.5M/S不适用。 ② 氢氧化钾不适用。 ③ 60℃以上强碱不适用。

非常适用	VERY SUITABLE
适用	SUITABLE
有限适用	LIMITED SUITABLE
不适用	NOT SUITABLE

外形尺寸与重量 Overall dimensions & weights

公称尺寸 Nominal diameter	D1		D2			H1	H2	H3	φ1	φ2	φ3	B1	L	n-φ4	n-M			n-φ			总重量 weights	
	1.0 Mpa	1.6 Mpa	A type A	LT型 type LT		D3									1.0 Mpa	1.6 Mpa	1.6 Mpa	1.0 Mpa	1.6 Mpa		A型 A type	LT型 LT type
				1.0MPa	1.6MPa																	
40	110	78	104	44	45	108	32	9	50	65	3	33	4-7	4-M16	2-18	2.5	3.5					
50	125	94	157	53	66	140	32	12.6	70	92	3	42	4-10	4-M16	2-18	2.6	3.7					
65	145	112	177	64.8	73	150	32	12.6	70	92	3	44.7	4-10	4-M16	2-18	3.3	4.1					
80	160	121	192	79.3	80	160	32	12.6	70	92	3	45.2	4-10	4-M16 8-M16	2-18	3.6	4.5					
100	180	153	212	104.5	102	180	32	15.78	70	92	5	52.1	4-10	8-M16	2-18	4.9	8.6					
125	210	182	242	123.8	117	190	32	18.95	70	92	5	54.4	4-10	8-M16	2-18	6.9	10.8					
150	240	209	280	156.2	131	200	32	18.95	70	92	5	55.8	4-10	8-M20	2-22	7.5	13					
200	295	262	335	202.9	164	240	45	22.13	89	115	5	60.6	4-14	8-M20 12-M20	2-22	12.7	17					
250	350	319	390	250.9	195	270	45	28.48	89	115	8	65.7	4-14	12-M20 12-M24	2-22	17.5	26					
300	400	373	445	301.9	236	310	45	31.65	108	140	8	76.5	4-14	12-M20 12-M24	2-22	19.8	38					
350	460	408	500	333.7	282	368	45	31.65	108	140	8	76.5	4-14	16-M20 16-M24	2-22	37	54					
400	515	488	565	389.6	320	400	51.2	33.15	159	197	10	86.5	4-21	16-M24 16-M27	4-26	59	96					
450	565	541	615	440.51	338	422	51.2	38	159	197	10	105.6	4-21	20-M24 20-M27	4-26	77	122					
500	620	589	668	491.6	377	480	64.2	41.15	159	197	12	131.8	4-21	20-M24 20-M30	4-26	128	198					
600	725	727	780	592.5	425	562	70.2	50.65	216	276	16	152	4-22	20-M27 20-M33	20-30	184	270					
700	840	895		695	520	624	66	55	254	300	16	163	8-18		24-30	284						
800	950	1015		794.7	591	672	66	55	254	300	16	188	8-18		24-33	368						
900	1050	1115		864.7	656	720	118	75	254	300	20	203	8-18		24-33	713						
1000	1160	1230		965	721	800	142	85	254	300	20	216	8-18		34-36	864						

法兰式双偏心金属密封蝶阀

VALVES

Metal-to-metal Sealed Butterfly Valve

先进性体现:

■概述:

法兰式双偏心金属密封蝶阀具有十分可靠的密封性能,不分主密封方向与次密封方向,双向都能达到公称压力的密封要求;特别适用于多源进水循环供水的地下管网。

■独特的设计:

- 阀体密封座、蝶板的密封圈为全金属结构,不含任何石墨、石棉、碳纤维成份,不会对介质造成任何二次污染;阀体及蝶板表面全部静电喷涂环氧树脂粉末,涂层符合GB/T17219-1998卫生规定;
- 此全金属密封蝶阀按双向密封设计,不分主密封方向与次密封方向,双向都能达到公称压力的密封要求;
- 当用户有要求时,主密封方向与次密封方向密封都能达到零泄漏。
- 蝶板能作上下两个方向的无级调整,阀座密封圈也能作前后两个方向的无级调整。所以此金属密封蝶阀在达到双向密封时,扭矩可以控制在最小量;
- 阀座密封圈具有十分可靠的互换性,特别能应付因工地特殊情况造成的密封圈意外损坏时的更替。新密封圈更换不影响阀门的可靠密封;
- 阀杆与阀体间彻底根除填料结构,避免了原石墨、石棉等填料对水质的污染。此阀门采用了环保型的橡胶O形圈,这样即达到了免维护又密封可靠,彻底克服一般填料密封经常出现的烦人的泄漏现象;
- 大口径蝶阀阀杆处采用了自润滑轴套结构,这种世界上最先进的结构使得阀门的操作扭矩减小了很多;
- 蝶阀公称通径DN>1200mm时,蝶板采用空心的飞碟型结构,目前这种为世界顶级的先进结构,具有流阻系数小、自重轻、刚度大、变形微小、耐压强度大等独特优点;

ADVANTAGE:

□ Summary:

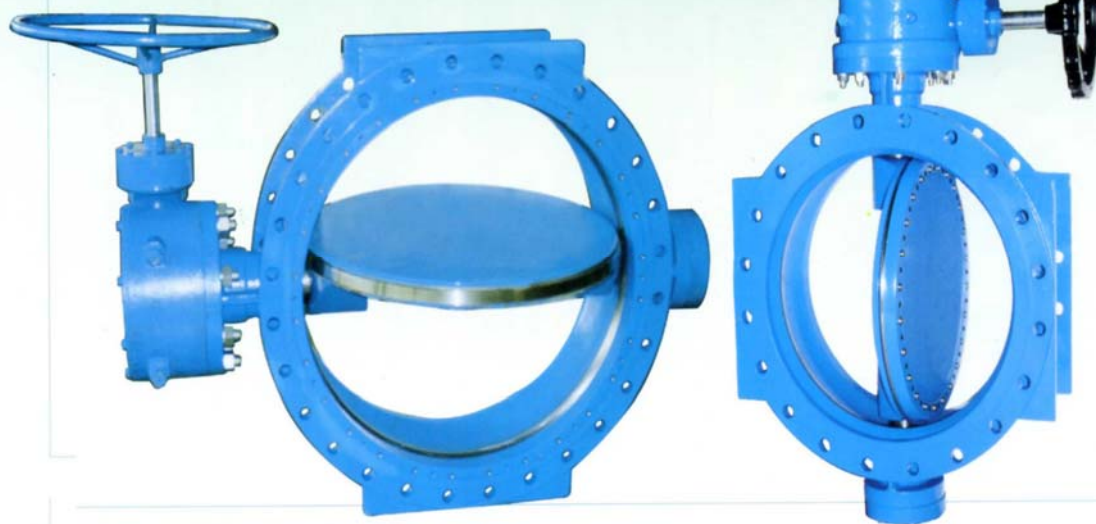
○ Double Eccentric Butterfly Valves have reliable seal characteristic. Media can be efficiently sealed by the valve no matter which direction it's from. So these valve are especially suitable for the potable water pipe without direction requirements.

□ Unique Design:

- Body and disc are coated with epoxy resin on both internal and external surface. So the valve have excellent anti-corrosion characteristic.
- There is no graphite or other organic material in the seal position, which helps the valves keep longer lives, at the same time no corrosion to the media.
- Metal-seal ring position can be adjusted in all directions, which makes the valve can be operated by minimum torque. When the metal-seal ring default by careless or other reasons, it can be easily changed.
- Instead of the graphite packing, NBR or EPDM O-rings are applied for the shaft seal, which keeps maintenance-free.
- Up from DN1200, we apply the flying-disc-shaped disc to reduce the head loss.
- Up from DN1800, self-lubricating bearing are applied to reduce the operation torque.

产品型号
Production type

150~1600BD341H-¹⁰/₁₆ Q



- 设计标准：JB/T8257-1997
- 连接法兰：DIN2501 等效于GB/T17241.6
- 结构长度：BS5155
- 连接中法兰：ISO 5211
- 工作温度：根据O型密封圈 丁腈橡胶≤80℃
三元乙丙≤120℃ 氟橡胶≤160℃

■ 试验标准：JB/T8257-1997

- Design standard: JB/T8257-1997
- Flange: DIN2501
- Face to face dimensions: BS5155
- Topper Flange: ISO5211
- Testing standard: JB/T8257-1997
- Working temperature: O-ring NBR≤80℃
EPDM≤120℃ FPM≤160℃

■ 技术性能 Technical Characteristic:

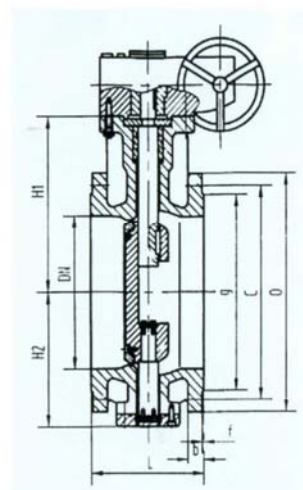
公称通径 Nominal diameter	DN150 ~ 2600mm		
公称压力 Nominal pressure	0.6MPa	1.0MPa	1.6MPa
壳体试验 Strength testing	0.9MPa	1.5MPa	2.4MPa
密封试验 Sealing testing	0.66MPa	1.1MPa	1.76MPa

■ 主要零件和材料 main components and materials:

NO.	名称 name	材料 material
1	阀体、蝶板、 body, disc,	QT500-7表面喷涂环氧树脂 GGG50 with internal and external epoxy resin coating
2	上、下阀杆 stems	不锈钢：1Cr13、1Cr18Ni9Ti或 1Cr17Ni12Mo2Ti Stainless steel min. 13% Cr
3	导向套、密封套 bushing	青铜 ZCuAl10Fe3 Bronze CuAl10Fe3
4	密封圈、O形密封圈 seal ring, O-Ring	丁腈橡胶、三元乙丙或氟橡胶 NBR、EPDM or FPM

■ 结构示意图：

□ butterfly valve figure



■ 型号编制方法:

□ Product type numbering Specification:

B	D	4	1	H	-	Q
主体材料 Q-球墨铸铁 Body Material: Q- ductalloy						
公称压力 Nominal Pressure 10-1.0MPa、16-1.6MPa						
密封面橡胶 Sealing Material X-NBR, X1-EPDM, X2-FPM						
1: 垂直式蝶板 Vertical Disc						
4: 法兰连接 Flange Connection						
手轮不表示 Absent-handwheel 3: 蜗轮 Worm gear						
6: 气动 Pneumatic 9: 电动 Electric						
D: 蝶阀 Butterfly Valve						
B: 结构长度按照 BS5155						
公称通径 Nominal Size						

■ 尺寸 Dimensions PN 0.6MPa 1.0MPa 1.6MPa

(mm)

DN	L	H1	H2	法兰尺寸 flange dimensions comply with DIN2501																
				O				C			g			f	b			n-d		
				0.6	1.0	1.6	0.6	1.0	1.6	0.6	1.0	1.6	0.6		1.0	1.6	0.6	1.0	1.6	
150	140	186	165		285	285		240	240		212	212	3		19	19		8-23	8-23	
200	152	215	192		340	340		295	295		268	268	3		20	20		8-23	12-23	
250	165	253	227		395	405		350	355		320	320	3		22	22		12-23	12-28	
300	178	282	260		445	460		400	410		370	378	4		24.5	24.5		12-23	12-28	
350	190	320	314		505	520		460	470		430	438	4		24.5	26.5		16-23	16-28	
400	216	353	346		565	580		515	525		482	490	4		24.5	28		16-28	16-31	
450	222	385	385		615	640		565	585		532	550	4		25.5	30		20-28	20-31	
500	229	424	422		670	715		620	650		585	610	4		26.5	31.5		20-28	20-34	
600	267	486	490		780	840		725	770		685	725	5		30	36		20-31	20-37	
700	292	550	550		895	910		840	840		800	795	5		32.5	39.5		24-31	24-37	
800	318	610	615		1015	1020		950	950		905	900	5		35	43		24-34	24-40	
900	330	695	678		1115			1050			1005		5		37.5			28-34		
1000	410	760	743		1230			1160			1110		5		40			28-37		
1200	470	904	860		1455			1380			1330		5		45			32-40		
1400	530	1060	1010		1675			1590			1535		5		46			36-43		
1600	600	1190	1140		1915			1820			1760		5		49			40-49		
1800	670	1300	1360		2115			2020			1960		5		52			44-49		
2000	760	1420	1485		2325			2230			2170		5		55			48-49		
2200	Upon to request	1560	1617	247	2550		2390	2440		2335	2370	6	56	60			52-43	52-56		
2400		1665	1745	268	2760		2600	2650		2545	2570	6	58	62			56-43	56-56		
2600		1764	1837	290	2960		2810	2850		2750	2780	6	60	64			60-49	60-56		

旋启式止回阀 VALVES

Swing Check Valve

先进性体现:

■ 概述:

- 旋启式止回阀适用于水平管道或介质自下向上流向的垂直管道,防止介质倒流,密封性能可靠。阻尼旋启式止回阀阀板连接阀外两级可控阻尼柱塞油缸机构,可控制阀门关闭速度及时间,克服了介质倒流时产生的水锤现象,有效保护装置的安全。广泛应用于工业给排水系统。

■ 独特的设计:

- 阀瓣严密包裹橡胶,绝不露铁,保证介质的纯净。阀瓣的包胶层内加入强力尼龙帘子布和软性金属帘子布,大大提高了阀瓣启闭的抗屈挠及抗拉性能,延长了使用寿命。
- 阀瓣关闭状态与流道方向成一定角度,阀座通孔及阀瓣呈椭圆形,阀门流道呈直通状,关闭角较小,减小了介质倒流时产生的水锤现象,有效保护阀门的安全。
- 合理的开启限位,保证了阀门关闭的可靠性。腔体空间大,保证了最大流通截面积,减小了流阻,大大提高了阀门的Cv值。
- 阻尼旋启式止回阀阀板采用了喷涂不锈钢及直接硫化橡胶密封圈两道刚柔密封面,保证了阀门密封的可靠。这是目前世界上最先进的一种密封形式。
- 通过阻尼油缸控制阀门的启闭,油缸采用两级可控阻尼,当阀板旋转远离关闭角度位置时,缸体内的油通过双管流通,转速减慢;当达到关闭位置前,缸体内的油通过单管流通,转速减慢,避免了阀板关闭时对密封面的冲击破坏,延长了阀门的使用寿命。
- 油缸设计合理,内壁不等径减少了活塞“O”型密封圈因往复运动而导致的磨损和剪切。用户可以根据工况,通过调节角式针型阀,调整阀门的启闭速度。

■ 良好的防腐性能:

- 阀体、阀盖、碟板、摇杆和缸体内外表面喷涂环氧树脂

■ 可靠的环保性能:

- 环氧树脂和橡胶符合卫生标准GB/T17219-1998。

■ 适用范围:

- 给排水、暖通及燃气系统。

Guaranteed performance

□ General:

- The swing check valve is applied to the horizontal pipelines or the vertical pipelines in which medium flow runs upwards. The backwards flowing is effectively stopped. Disk of the damping and swing check valve is connected with two level of damp oil which is outside the valve. It can control the speed and time of valve closing, insures the safety of device. The valve could be widely used in water-supply and drain system.

□ Professional design:

- To keep medium pure, the disc is covered by rubber. The reinforced tyre fabrics and soft metal fabrics is inserted to increase the operation life of disc.
- The disk that is relative to vertical is a certain degree when it is closed. The hole of the body and the disk are ellipse. The channel of the valve is direct. The closing angel is smaller. These insure the safety of device when the medium is flowing backwards. The cavity space enable the obtaining of maximum area of flow section.
- The reasonable open limit and cavity space enable the obtaining of maximum area of flow section. The flow resistance is comparably small and the valve parameter Cv is improved
- This disk sprayed with stainless steel and vulcanized with rubbers have double sealing surfaces. It's credibility for seal completely of valve. This is one kind of most advanced seal currently in the world.
- The valve is opened and closed by the damping oil. The oil device adopts two level and controlled of damp. When the disk is far from the sealing surface, the oil flow through double pipes, closing fast; When near the sealing surface, the oil flow through single pipe, closing slow. It can avoid the impact of the disk to the sealing surface, increase the durability of valve.
- The design of oil is reasonable, Not equality inside the wall keep the "O" seal ring moving back and forth in the oil urn completely. The speed of opening and closing valve can be controlled by regulate the needle valve.
- Excellent corrosion characteristics:
- Internal and external of body, cover, disk, connect stem, joystick and body of oil urn epoxy resin coating
- Reliable hygiene principles:
- epoxy resin and rubber comply with hygiene standard GB/T17219-1998.
- Suitable application:
- Water-supply system, drain system and heating system



产品型号
Production type

50~1000SH44X-10/16Q

- 设计标准 : AWWA A508
- 连接法兰 : GB/T17241.6-1998等效于DIN2501
- 结构长度 : ISO5752-1982(E) 基本系列 10等效于GB12221
- 工作温度 : 丁腈橡胶 ≤80℃
三元乙丙 ≤120℃
氟橡胶 ≤160℃

- 试验标准 : JB/T 9092-1999

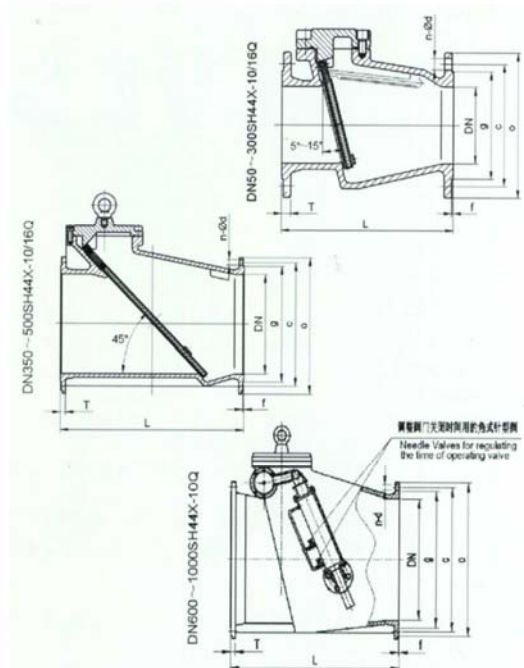
- Design standard: AWWA A508
- Flange: GB/T17241.6-1998 neq DIN2501
- Face to face dimensions: ISO5752-1982(E) Basic series 10 neq GB12221
- Testing standard: JB/T 9092-1999
- Working temperature: NBR ≤80℃ ; EPDM ≤120℃ ; FPM ≤160℃

■ 技术性能 Technical Characteristic:

公称通径 Nominal diameter	DN50~500mm	
公称压力 Nominal pressure	1.6MPa	1.0MPa
壳体试验 Strength testing	2.4MPa	1.5MPa
密封试验 Sealing testing	1.76MPa	1.1MPa

■ 型号编制方法:

- Product type numbering specification:



■ 主要零件和材料 main components and materials:

NO.	名称 name	材料 material
1	阀体、阀盖 body、cover	QT500-7表面喷涂环氧树脂 GGG50 with internal and external epoxy resin coating
2	阀瓣 disc	钢棒和钢板包覆橡胶 Q235-A with NBR、EPDM or FPM
3	密封垫 flange washer	丁腈橡胶、三元乙丙或氟橡胶 NBR、EPDM or FPM

■ 尺寸 Dimensions

(mm)

DN	L		法兰尺寸 flange dimensions comply with GB/T17241.6-1998											
	GB12221 BS5150	DIN3202-F6	O		C		g		f	T		n-d		
			1.0 Mpa	1.6 Mpa	1.0 Mpa	1.6 Mpa	1.0 Mpa	1.6 Mpa		1.0 Mpa	1.6 Mpa	1.0 Mpa	1.6 Mpa	
50	203	200	165	165	125	125	99	99	3	19.0	19.0	4-19	4-19	
65	216	240	185	185	145	145	118	118	3	19.0	19.0	4-19	4-19	
80	241	260	200	200	160	160	132	132	3	19.0	19.0	8-19	8-19	
100	292	300	220	220	180	180	156	156	3	19.0	19.0	8-19	8-19	
125	330	350	250	250	210	210	184	184	3	19.0	19.0	8-19	8-19	
150	356	400	285	285	240	240	211	211	3	19.0	19.0	8-23	8-23	
200	495	500	340	340	295	295	266	266	3	20.0	20.0	8-23	12-23	
250	622	600	395	405	350	355	319	319	3	22.0	22.0	12-23	12-28	
300	698	700	445	460	400	410	370	370	4	24.5	24.5	12-23	12-28	
350	787	--	505	520	460	470	429	438	4	24.5	26.5	16-23	16-28	
400	914	--	565	580	515	525	480	489	4	24.5	28.0	16-28	16-31	
450	978	--	615	640	565	585	530	548	4	25.5	30.0	20-28	20-31	
500	978	--	670	715	620	650	582	609	4	25.5	31.5	20-28	20-34	
600	1080	--	780	--	725	--	682	--	5	30.0	30.0	20-31	--	
700	1170	--	895	--	840	--	794	--	5	32.5	32.5	24-31	--	
800	1270	--	975	--	920	--	878	--	5	35.0	35.0	24-31	--	
900	1380	--	1115	--	1050	--	1001	--	5	37.5	37.5	28-34	--	
1000	1500	--	1230	--	1160	--	1112	--	5	40.0	40.0	28-37	--	

静音升降立式止回阀

VALVES

Silence Lift Check Valve

先进性体现:

■ 概述:

- 静音升降立式止回阀适用于介质由下向上流向的垂直管道,以防止介质的倒流,密封性能可靠,在暖通系统和给排水系统中被广泛地采用,特别适用于高楼大厦,此阀无论介质顺流或逆流止回时,都悄然无声。

■ 独特的设计:

- 阀腔空间采用流线型设计,克服了介质的紊流。
- 阀瓣前部采用球面结构,密封面采用锥体造型,化解了介质的冲击力,降低了流阻系数 ζ 。
- 内部的导流体采用薄蛋壳造型,保证了介质层流,减轻了自重。
- 合理的开启高度和腔体空间,保证了最大流通截面积。
- 有效地避免了气室的产生,提高了阀门的Cv值,克服了噪音。

■ 优秀的防腐性能:

- 阀体、导流体内外表面喷涂环氧树脂,绝不露铁。

■ 可靠的卫生性:

- 环氧树脂和橡胶符合卫生标准GB/T17219-1998。
- 弹簧、阀瓣等内件采用不锈钢制造。

■ 适用范围:

- 给排水、暖通及燃气系统。

Guaranteed performance

□ General:

- The silence resilient seated check valve is applied to the vertical pipelines in which medium flow runs upwards and the back-wards flowing is effectively stopped. It could be widely used in water-supply system and drain system and it works silence.

□ Professional design:

- The inner cavity of valve is designed as streamline shape, which can effectively stop the turbulence.
- The spherical surface is introduced to form the front of disc and cone contact for the seating couple; these structures will extremely the shock force of medium and decrease the resistance coefficient of flow.
- Thin shell structures is employed when design the diversion component to ensure the laminar flow and greatly drop the weight.

- The reasonable open height and cavity space enable the obtaining of maximum area of flow section.

- It can avoid occurring of the air chamber; the valve parameter Cv is improved

□ Excellent proof corrosion characteristics:

- Internal and external epoxy resin coating.

□ Reliable hygiene principles:

- epoxy resin and rubber comply with hygiene standard GB/T17219-1998.

- The trim, such as disc, spring, etc., are made of stainless steel.

□ Suitable application:

- Water-supply system, drain system and heating system



产品型号
Production type

50~350JH42X-16Q

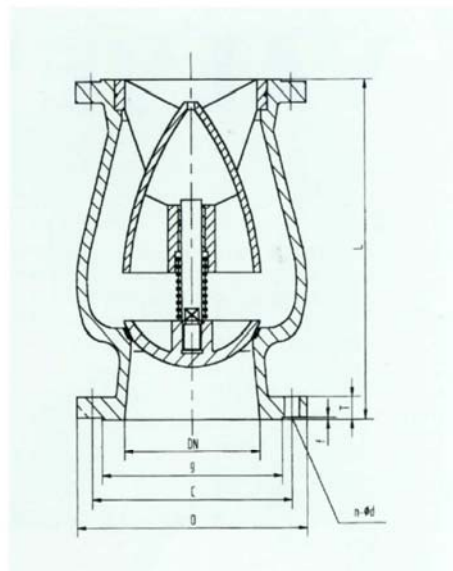
- 设计标准 : AWWA A508
- 连接法兰 : GB/T17241.6-1998 等效于DIN2501
- 结构长度 : 企业标准
- 工作温度 : 丁腈橡胶 ≤80℃
三元乙丙 ≤120℃
氟橡胶 ≤160℃
- 试验标准 : JB/T 9092-1999
- Design standard: AWWA A508
- Flange: GB/T17241.6-1998 neq DIN2501
- Face to face dimensions: enterprise standard
- Testing standard: JB/T 9092-1999
- Working temperature: NBR ≤80℃
EPDM ≤120℃
FPM ≤160℃

■ 技术性能 Technical Characteristic:

公称通径 Nominal diameter	Dn50~350mm	
公称压力 Nominal pressure	1.6MPa	1.0MPa
壳体试验 Strength testing	2.4MPa	1.5MPa
密封试验 Sealing testing	1.76MPa	1.1MPa

■ 主要零件和材料 main components and materials:

NO.	名称 name	材料 material
1	阀体、导流体 Body, line	QT500-7表面喷涂环氧树脂 GGG50 with internal and external epoxy resin coating
2	阀瓣 Disc	球墨铸铁或不锈钢 CF8 GGG50 or casting steel
3	导向杆、弹簧 guiding stem, spring	不锈钢: 1Cr17Ni2、1Cr18Ni9Ti 或1Cr17Ni12Mo2Ti Stainless steel
4	轴套 guiding bushing	青铜 ZCuAl10Fe3 Bronze CuAl10Fe3
5	密封垫、O形密封圈 flange washer, O-Ring	丁腈橡胶、三元乙丙或氟橡胶 NBR, EPDM or FPM



■ 型号编制方法:

□ Product type numbering specification:

□ J	□ H	4	2	□	□ Q	主体材料: Q-球墨铸铁 Body Material: Q-ductalloy
						公称压力 Nominal Pressure 10-1.0MPa, 16-1.6MPa
						密封面橡胶 Sealing Material X-NBR, X1-EPDM, X2-FPM
						2: 立 升 Lift
						4: 法兰连接 Flange Connection
						H: 止回阀 Check Valve
						J: 静音式 Silence
						公称通径 Nominal Size

■ 尺寸 Dimension

(mm)

DN	L	法兰尺寸flange dimensions comply with GB/T17241.6-1998										
		O		C		g		f	T		n-d	
		1.0 Mpa	1.6 Mpa	1.0 Mpa	1.6 Mpa	1.0 Mpa	1.6 Mpa		1.0 Mpa	1.6 Mpa	1.0 Mpa	1.6 Mpa
50	120	165	165	125	125	99	99	3	19.0	19.0	4-19	4-19
65	150	185	185	145	145	118	118	3	19.0	19.0	4-19	4-19
80	180	200	200	160	160	132	132	3	19.0	19.0	8-19	8-19
100	240	220	220	180	180	156	156	3	19.0	19.0	8-19	8-19
125	300	250	250	210	210	184	184	3	19.0	19.0	8-19	8-19
150	350	285	285	240	240	211	211	3	19.0	19.0	8-23	8-23
200	450	340	340	295	295	266	266	3	20.0	20.0	8-23	12-23
250	500	395	405	350	355	319	319	3	22.0	22.0	12-23	12-28
300	500	445	460	400	410	370	370	4	24.5	24.5	12-23	12-28
350	600	505	520	460	470	429	429	4	24.5	26.5	16-23	16-28

先导式减压阀 VALVES

Pressure Reducing Valve

先进性体现:

■ 概述:

- 本先导式减压阀率先采用流线型阀体,并发明了浮球式组合型锥面密封阀瓣。这样使得阀门在运行时不会产生异常震动和噪音,并减少阀门全开时的流阻,提高了出口压力的可调最大值,使得本减压阀可调范围较一般的先导式减压阀大,因而使用范围更广,出口压力更稳定。

■ 独特的设计:

- 流线型阀体;
- 组合浮球式阀瓣;
- 锥面密封;
- 隔膜式控制;
- 系统管路设有过滤器;
- 阀体底部螺孔可清除因系统使用不当而淤积的杂物。

■ 优秀的防腐性能:

- 阀体、阀盖内外表面喷涂环氧树脂;
- 附属球阀、过滤器、节流阀等均采用铜制。

■ 可靠的卫生性:

- 环氧树脂符合卫生标准GB/T17219-1998;
- 密封采用符合卫生检验的橡胶和聚四氟乙烯;
- 阀杆、阀座等零件采用不受水腐蚀的不锈钢或青铜等材料。

■ 适用范围:

- 生活饮用水、办公楼等场所。

ADVANTAGE:

□ Summary:

- Streamlined body, combined floating-ball disc with cone-shape sealing surface, these insure no abnormal vibration and noise when the valve is in use. these can also reduce pressure loss, makes the scope of upstream pressure much wider than other pressure valves, and pressure output more stable.

□ Unique Design:

- Streamlined body.
- Combined floating-ball valve clack.
- Cone-shape sealing surface.
- Diaphragm type control.
- Filter installed at the pipe system.
- Screw hole at the bottom can clear the sediment.

□ Excellent corrosion protection:

- Inside and outside epoxy resin coating.
- Floating-ball and filter are both made of bronze.

□ Reliable health nature:

- Epoxy resin coating is up to the GB/T17219.
- Sealing material are made of rubber and PTFE.
- Trims are made of stainless steel or bronze.

□ Scope of application:

- Potable water supply, building construction and so on.



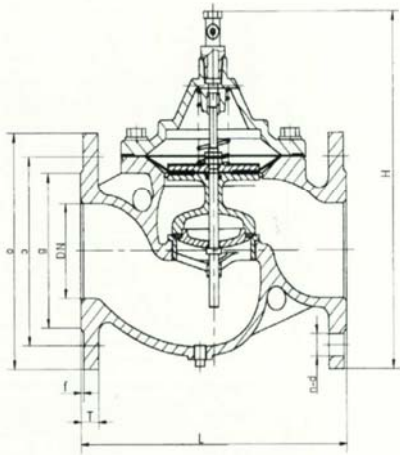
产品型号
Production type

50~300Y42F-16Q-0

- 设计标准：GB12246
- 连接法兰：DIN2501（等效于GB/T17241）
- 工作温度：不超过80℃
- 试验标准：GB12245
- Design standard: GB12246
- Flange: DIN2501（equal to GB/T17241）
- Testing standard: GB12245
- Working temperature: Less than 80℃

■ 技术特性 Technical characteristics：

试验标准 testing standard	GB12245	
公称压力 Nominal pressure	1.0Mpa	1.6Mpa
壳体试验 Strength testing	1.5Mpa	2.4Mpa
密封试验 Functional testing	1.1Mpa	1.76Mpa
出口压力 Downstream pressure	0.3~0.9 Mpa	0.3~1.5 Mpa

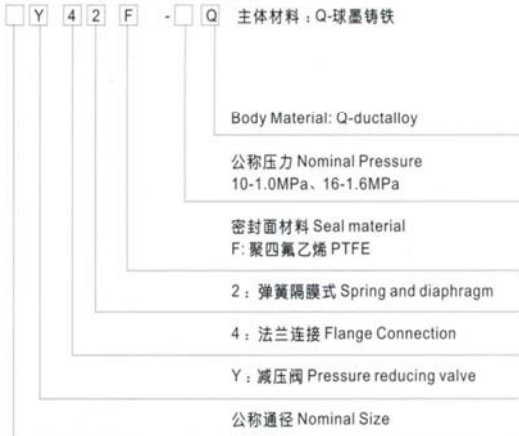


■ 主要零件及其材料 Main components and their materials:

NO.	名称 name	材料 material
1	阀体、阀盖 body、bonnet	QT500-7表面喷涂环氧树脂 GGG50 with internal and external epoxy resin coating
2	阀杆、弹簧 stem, spring	不锈钢：1Cr13、1Cr18Ni9Ti 或1Cr17Ni12Mo2Ti Stainless steel
3	阀座、导向套、 阀瓣、压盖等 seat, bushing, disc	青铜 ZCuAl10Fe3Bronze
4	隔膜、O形密封圈 diaphragm、O-Ring	丁腈橡胶、三元乙丙 NBR、EPDM
5	密封圈 Seal ring	聚四氟乙烯，PTFE

■ 型号编制方法:

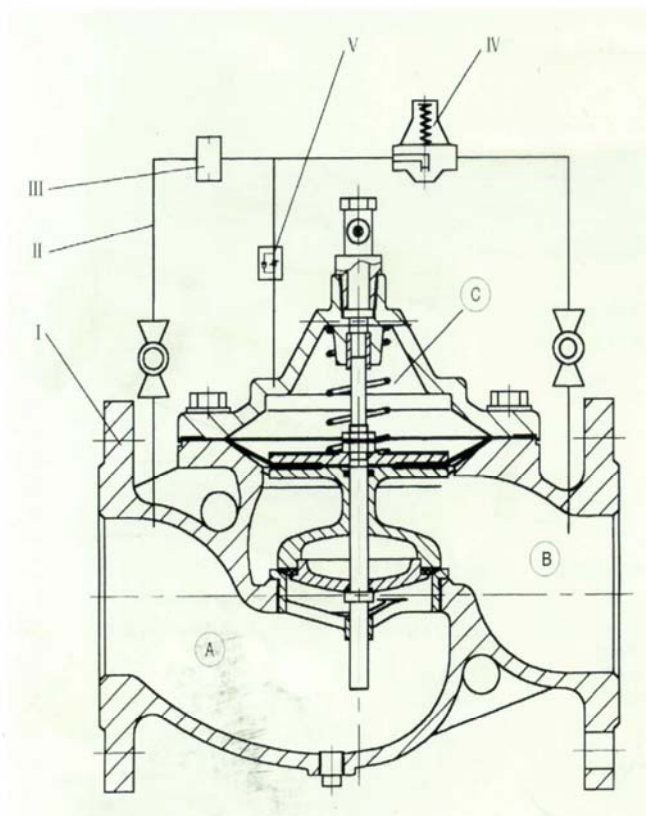
□ Product type numbering specification:



■ 尺寸及重量 Dimensions & weights:

DN (mm)	L (mm)	H (mm)	法兰尺寸 flange dimensions to DIN2501 (mm)											重量Weight (Kg)	
			O		C		g		f	T		n-d			
			1.0MPa	1.6MPa	1.0MPa	1.6MPa	1.0MPa	1.6MPa		1.0MPa	1.6MPa	1.0MPa	1.6MPa	1.0MPa	1.6MPa
50	240	260	165		125		99		3	19		4-19		13.5	
80	285	310	200		160		132		3	19		8-19		22	
100	360	340	220		180		156		3	19		8-19		55	
150	430	490	285		240		211		3	19		8-23		85	
200	455	620	340		295		266		3	20		8-23	12-23	140	
250	585	760	395	405	350	355	319		3	22		12-23	12-28	195	
300	790	905	445	460	400	410	370		4	24.5		12-23	12-28	275	

注：连接法兰根据需要可以按照EN1092、ANSI B16.1等制造,结构长度根据需要可以按照ISO5752等标准制造。
The connection flanges of this valve can be manufactured to the standards of EN1092, ANSI B 16.1 and so on ;
The face-to-face dimensions can be manufactured to the standards of ISO5752 and so on.



- I — 过滤器
- II — 连接铜管
- III — 主阀
- IV — 导向阀
- V — 单向控制节流阀

■ 先导式减压阀工作原理：

先导式减压阀由主阀和导阀系统构成。在工作中，减压阀将一可变化的进口压力降低至一恒定的出口压力，并且该控制过程不受介质流速的影响。阀门的运行由以下三种压力共同控制：

- A腔内的进口压力；
- B腔内的出口压力；
- C腔内的控制压力。

在工作过程中，导阀对出口腔内的任何轻微的压力波动作出反应，并以此影响控制压力：

■ 当B腔内的出口压力下降至低于导阀处所设置的恒定压力时，导阀自动打开，C腔内的压力释放使得主阀增加开度。

■ 当B腔内的出口压力上升至超过导阀处所设置的恒定压力时，导阀减少开度直至关闭，C腔内的压力升高使得主阀减少开度。

这样，在给定的流量范围内 ($V=0.2 \sim 4\text{m/s}$)，阀门不断的维护着恒定的出口压力，其误差为 $\pm 5\%P$ 。若阀门的出口没有任何消耗，那么减压阀是100%关闭的。

□ Principle of our pressure reducing valve:

The pilot controlled pressure reducing valves is composed of main valve and pilot system, and reduces a variable upstream pressure to a constant supply pressure independent of the flow rate. The valve operation is the results of the three pressure interacting:

- upstream pressure on the chamber "A";
- downstream pressure on the chamber "B";
- control pressure on the chamber "C".

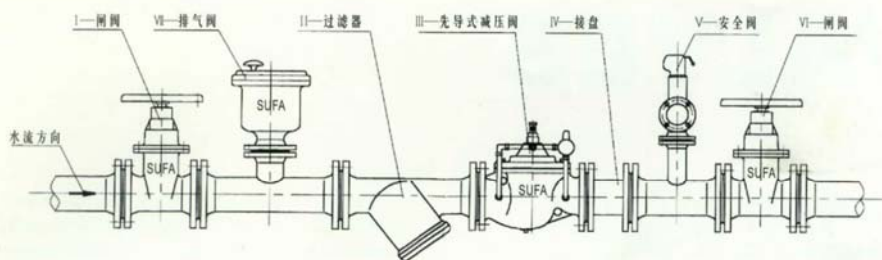
The pilot valve responds to any slight fluctuations in the downstream chamber and thus governs the control pressure:

□ When the downstream pressure in the chamber "B" drops below the pressure level set at the pilot valve, the pilot valve opens. The resulting pressure relief in the chamber "c" opens the main valve.

□ When the down pressure in the chamber "B" exceeds the pressure set at the pilot valve, the pilot valve closes. The resulting increase in pressure in chamber "C" closes the main valve.

Thus the valve continuously maintains the constant downstream pressure set within the given flow range ($V=0.2 \sim 4\text{m/s}$) with an accuracy of $\pm 5\%$ of P_d .

■ 推荐安装 Recommended installation :



■ SUFADA减压阀Ⅲ水平安装；

■ 减压阀上游应安装有闸阀Ⅰ和过滤器Ⅱ

(其最大筛孔为2mm)；

■ 减压阀下游安装接盘Ⅳ、安全阀Ⅴ和闸阀Ⅵ；

■ 我们建议在下列位置使用一个SUFADA排气阀Ⅶ：

1)、对于减压阀出口端连接垂直向下管道的主管道：

空气阀应安装在先导式减压阀的下游；

2)、对于减压阀出口端连接水平或垂直向上管道的主

管道：空气阀应安装在先导式减压阀的上游。

□ Horizontal installation of the SUFADA Pressure Reducing Valve

□ SUFADA Gate ValveⅠ and StrainerⅡ (max. Mesh size 2 mm) upstream of the Pressure Reducing Valve;

□ Dismantling pieceⅣ, Safety ValveⅤ and Isolating ValveⅥ downstream of the Pressure Reducing Valve;

□ We recommend to use a SUFADA Air ValveⅦ in case of:

1) descending downstream main: downstream of the Pressure Reducing Valve

2) rising or horizontal upstream main: upstream of the Pressure Reducing Valve

■ 使用说明：

SUFADA 减压阀在实际使用中， ΔP （进口压力与出口压力之差）可能存在两种状态：

状态A: $\Delta P \leq 0.1\text{MPa}$ 时

此时，流体流速范围： $V=0.2-2\text{ m/s}$

状态B: $\Delta P > 0.1\text{MPa}$ 时

此时，流体流速范围： $V=0.4-4\text{ m/s}$

□ Attention:

There are two cases for the ΔP (the difference of the upstream pressure and downstream pressure) of SUFADA Pilot Controlled Pressure Reducing Valve:

Case A: $\Delta P \leq 0.1\text{MPa}$ the flow velocity should be within the range of $V=0.2-2\text{ m/s}$;

Case B: $\Delta P > 0.1\text{MPa}$ the flow velocity should be within the range of $V=0.4-4\text{ m/s}$;

使用状态 Case		流量 Flow	DN50	DN80	DN100	DN150	DN200	DN250	DN300
状态A case A	$V_{\min}=0.2\text{m/s}$	$Q_{\min}: 1/\text{s (m}^3/\text{h)}$	0.4(1.5)	1.0(3.6)	1.6(5.8)	3.5(12.6)	6.3(22.7)	9.8(35.5)	14.1(51.1)
	$V_{\max}=2\text{m/s}$	$Q_{\max}: 1/\text{s (m}^3/\text{h)}$	4.0(15)	10.0(36)	16(58)	35.0(126)	63.0(227)	98.4(355)	141.1(511)
状态B case B	$V_{\min}=0.4\text{m/s}$	$Q_{\min}: 1/\text{s (m}^3/\text{h)}$	0.8(3.0)	2.0(7.2)	3.2(11.6)	7.0(25.2)	13.0(46.8)	19.7(70.9)	28.2(102.2)
	$V_{\max}=4\text{m/s}$	$Q_{\max}: 1/\text{s (m}^3/\text{h)}$	8(30)	20(72)	32(116)	70.0(252)	130.0(468)	196.9(709)	282.2(1022)

注：若本减压阀用于消防目的，则在一短时间内，速度允许达到6 m/s。

If the valve is used for fire-extinguishing purpose, the velocities of up to 6 m/s are permissible during a short period

复合式排气阀 VALVES

Composite-Air Release Valve

■ 概述:

- 管道内没有水时, 排气阀的铜阀瓣落下至全开位置。进水时, 阀门的出口排气, 这样才能使管道迅速大量进水。管道空气排完, 阀腔进水, 浮球托起阀瓣直至关闭位置。这就改善了系统输水能力, 提高效率, 节约能源。
- 在水中常含有溶解的空气, 输送水时, 这些空气不断地从水中释放出来, 这时排气阀浮球落下, 少量空气由阀瓣杆上的小孔排出。否则聚集在管线上的空气会导致管路系统输水能力下降。
- 当管路内一旦产生负压时铜阀瓣落下, 出口打开, 阀门迅速吸入外界空气, 以避免由于管路负压影响正常供水。
- 独特的设计:
- 阀体、阀盖、杆架内外表面喷涂环氧树脂, 绝不露铁, 阀门内件材料为不锈钢和铜, 确保介质的纯净。
- 阀针、杠杆材料为铜, 提高耐磨性, 延长了使用寿命。
- 杆架材料为球墨铸铁表面喷涂环氧树脂, 降低了成本。
- 防尘帽固定在导向套上, 结构紧凑轻巧, 造型美观。
- 优秀的防腐性能:
- 阀体、阀盖、杆架内外表面喷涂环氧树脂。
- 可靠的卫生性:
- 环氧树脂和橡胶符合卫生标准GB/T17219-1998。
- 适用范围:
- 介质为水的管路和泵出口处, 安装于管道的最高点。

□ Summary:

- When there is no water in the pipe, the bronze valve clack drops down to the full opening position. Air is released from the discharge hole as water coming in, then water can be filled into the pipe immediately. When there isn't any air in the pipe, water comes into the valve, then valve clack goes up to the shut-off position by lifting of the floating ball. These improve water transporting capacity and efficiency of the pipe system, reduce power consuming.
- Air is dissolved into water, and then is released from water continuously when transporting. At this time, the floating-ball drops down, the air is released from the small hole on lever of the valve clack. Or the air gathered at the top of the pipe can lower the water transporting capacity of the pipe system.
- When there is negative pressure in the pipe, bronze valve clack drops down, discharge hole is open, and then the valve draws in the air immediately, so avoid abnormal water supply caused by negative pressure in the pipe.
- Unique Design:
- Inside and outside epoxy resin powder coating, no iron exposed.
- Valve pin and lever made of bronze, insure good durability.
- Dust preventing cap fixed upon the guiding bushing, compact design, attractive appearance
- Excellent corrosion protection:
- Inside and outside epoxy resin powder coating.
- Reliable health nature:
- Epoxy resin powder is up to the health standard GB/T 17219-1998.
- Scope of application:
- Pipe for water transportation and pump's existence, to be installed at the highest point of level pipe

产品型号
Production type

50~300FP41X-16Q



SUFA

- 设计标准：企业标准Q/SDA 005-1
- 连接法兰：GB/T17241.6-1998等效于DIN2501
- 结构长度：企业自定
- 工作温度：丁腈橡胶 $\leq 80^{\circ}\text{C}$
三元乙丙 $\leq 120^{\circ}\text{C}$
氟橡胶 $\leq 160^{\circ}\text{C}$
- 试验标准：企业标准Q/SDA SY 005-1

- Design standard: Manufacture's standard Q/SDA 005-1
- Flange: GB/T17241.6-1998 neq DIN2501
- Face to face dimensions: Depend on manufacturer
- Testing standard: Company standard Q/SDA SY 005-1
- Working temperature: NBR $\leq 80^{\circ}\text{C}$
EPDM $\leq 120^{\circ}\text{C}$
FBM $\leq 160^{\circ}\text{C}$

■ 技术性能Technical characteristic:

公称通径 Nominal diameter	DN $\leq$ 300	
公称压力 Nominal pressure	1.6MPa	1.0MPa
壳体试验 Strength testing	2.4MPa	1.5MPa
密封试验 Sealing testing	1.76MPa	1.1MPa

■ 主要零件和材料

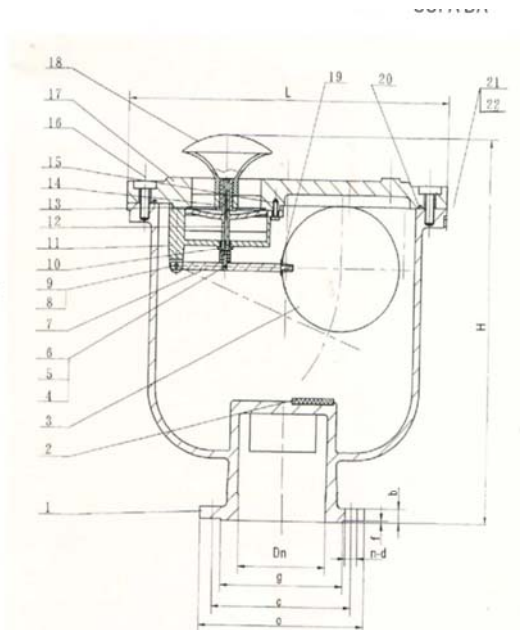
□ Main components and materials:

NO.	名称name	材料material
1	阀体、阀盖、杆架 body、cover、 lever locking	QT500-7内外表面喷涂环氧树脂 QT500-7with internal and external epoxy resin coating
2	阀座 Seat	橡胶 NBR、EPDM or FPM
3	阀瓣、杠杆 disc、lever	铝青铜 ZCuAl10Fe3

■ 型号编制方法:

□ Product type numbering specification:

Q	主体材料：Q-球墨铸铁
	Body Material: Ductile Iron
10-1.0MPa、16-1.6MPa	公称压力Nominal Pressure 10-1.0MPa、16-1.6MPa
X-NBR、X1-EPDM、X2-FPM	密封面橡胶 Sealing Material X-NBR、X1-EPDM、X2-FPM
1	单球式 One Ball
4	法兰连接 Flange Connection
P	排气阀 Air Release Valve
F	复合式 Composite-type
	公称通径 Nominal Size



■ 尺寸 Dimension

(mm)

DN	L	H	法兰尺寸flange dimensions comply with GB/T17241.6-1998								
			O		C		g	b	f	n-d	
			1.0MPa	1.6MPa	1.0MPa	1.6MPa				1.0MPa	1.6MPa
50	320	470	165		125		99	19	3	4-19	
65	320	470	185		145		118	19	3	4-19	
80	350	500	200		160		132	19	3	8-19	
100	440	520	220		180		156	19	3	8-19	
125	490	560	250		210		184	19	3	8-19	
150	540	610	285		240		211	19	3	8-23	
200	700	720	340		295		266	20	3	8-23	12-23
250	870	960	395	405	350	355	319	22	3	12-23	12-28
300	1040	1100	445	460	400	410	370	24.5	4	12-23	12-28

新型双筒排气阀 VALVES

New Double Canisters-Air Release Valves

■ 概述:

- 新型双筒排气阀,由大筒体和小筒体两筒体构成。
- 管道内没有水时,排气阀阀体内的大、小浮球都处于全开位置。输入水时,阀体内的空气由大筒排气口大量排出,这样,使管道能迅速大量进水。管道空气排完,阀腔进水,同时托起大、小浮筒直至关闭位置。正常输水时,大浮球始终处于关闭状态,这样就提高了系统的输水能力,也节约了能源。
- 由于水中常含有可溶的空气,输送水时,这样空气不断地从水中释放出来,形成一定的量后,使小浮筒下落,少量空气由小筒体上小排气孔排出。否则积聚在管线上方的空气会导致管路系统输水能力下降。
- 当管路内一旦产生负压时,排气阀大浮球落下,出口打开,阀门迅速吸入外界空气,以避免由于管路负压影响正常供水。
- 独特的设计:
- 采用大小双筒结构,选用高强度无毒工程塑料制作的大、小浮筒,结构简明,重量轻,排气性能稳定可靠。
- 阀体、下盖板、防尘帽内外表面喷涂环氧树脂,绝不露铁,阀门内件材料为不锈钢和工程塑料,防腐蚀,确保介质的纯净。
- 密封垫座为铜件,提高耐磨性,延长了使用寿命。
- 优秀的防腐性能:
- 阀体、下盖板、防尘罩内外表面喷涂环氧树脂。
- 可靠的卫生性:
- 环氧树脂和橡胶符合卫生标准GB/T17219-1998。
- 适用范围:
- 介质为水的管路和泵出口处,安装于管道的最高点。

□ Summary:

- The new composit-air release valves consists of big canister and small canister.
- When there is no water in the pipe,the canister in the body drops down to the full opening positio. Air is released from the discharge hole as water coming in,then water can be filled into the pipe immediately. When there isn't any air in the pipe,water comes into the valve,then it makes the canister go up to the shut-off position,and the big canister lies in the position all the time. So that these improve water transpoting capacity and reduce power exhausting.
- Air is often dissolved into water,and then is released from water continuously when transporting,however,when reaching the quautity,the small canister drops down,the air is released from the small canister. Otherwise the air gathered at the top of the pipe will lower the water transporting capacity of the pipe system.
- When there is negative pressure in the pipe,the big canister drops down,discharge hole is open,and then the valve draws in the air in good time,so it can avoid working on the abnormal water supply by the negative pressure in the pipe.
- Unique Design:
- The two canisters are made up of high strength,innoxious, special engineering,with concise structure,ethereal weight, steady and Reliable exhausting.
- Body,Cover,Dust preventing cap,inside and outside epoxy resin powder coating,no iron exposed.internal accessores made of stainless steel and spcial engineering plastic, resisit rot,insure good purity.
- Sealing seat,made of bronze,improves the abrasion capacity, and prolong the life.
- Excellent corrosion protection:
- inside and outside epoxy resin powder coating,no iron exposed.
- Reliable health nature:
- Epoxy resin powder is up to the health standard GB17219-1998
- Scope of application:
- Pipe for water transportation and pump's existence, to be installed at the highest point of level pipe.

产品型号
Production type

50~300TP41X-16Q



SUFA

- 设计标准：企业标准Q/SDA 005-1
- 连接法兰：GB/T17241.6-1998等效于DIN2501
- 工作温度：丁腈橡胶 $\leq 80^{\circ}\text{C}$
三元乙丙 $\leq 120^{\circ}\text{C}$
氟橡胶 $\leq 160^{\circ}\text{C}$

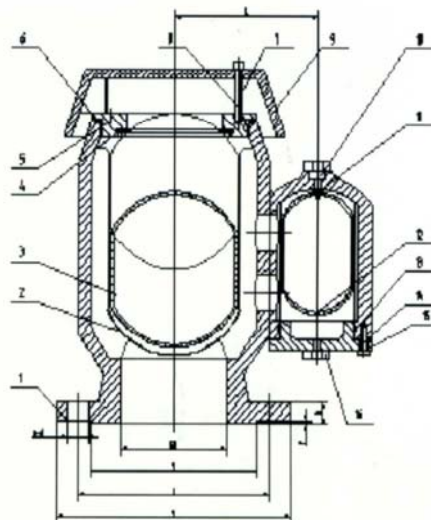
- 试验标准：EN 1074-4: 2000 & GB/T 13927-1992
- Design standard: Manufacture's standard Q/SDA 005-1
- Flange: GB/T17241.6-1998 neq DIN2501
- Testing standard: Company standard EN 1074—4: 2000 & GB/ 13927-1992
- Working temperature: NBR $\leq 80^{\circ}\text{C}$
EODM $\leq 120^{\circ}\text{C}$
FBM ≤ 160

■ 技术特性 Technical characteristic :

公称通径 Nominal diameter	DN ≤ 300	
公称压力 Nominal pressure	1.6Mpa	1.0Mpa
壳体试验 Strength testing	2.4Mpa	1.5Mpa
密封试验 Sealing testing	1.76MPa	1.1Mpa

■ 主要零件和材料 Main components and materials :

NO.	名称 name	材料 material
1	阀体、下阀盖 Body、cover、	QT500-7内外表面喷涂环氧树脂 QT500-7 with internal and external epoxy resin coating
2	密封垫座 Sealing seat	铝青铜 ZCuAl10Fe3
3	大、小浮筒 camels	工程塑料 Special engineering plastic



■ 型号编制方法:

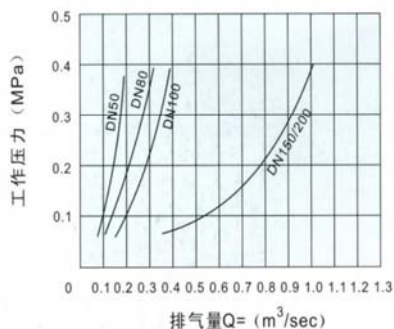
□ Product type numbering specification:

□	T	P	4	1	□	Q	主体材料：Q-球墨铸铁 Body Material: Ductile Iron
							公称压力 Nominal Pressure 16-1.6MPa
							密封面橡胶 Sealing Material X-NBR, XI-EPDM, X2-FPM
							1：双球式 Two Balls
							4：法兰连接 Flange Connection
							P：排气阀 Air Release Valves
							T：特殊 special
							公称通径 Nominal Size

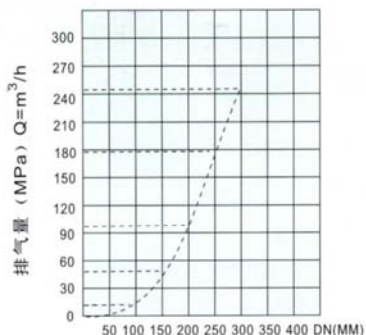
■ 尺寸 Dimension

DN	L	H	法兰尺寸 Flange dimension comply with GB/T1724.1-1998					
			O	C	g	b	f	n-d
50	320	470	165	125	99	19	3	4-19
80	136	293	200	160	132	19	3	8-19
100	145	301	220	180	156	19	3	8-19
150	198	406	285	240	211	19	3	8-23
200	241	535	340	295	266	20	3	12-23
250	291	639	405	410	370	22	3	12-28
300	336	791	460	355	319	24.5	4	12-28

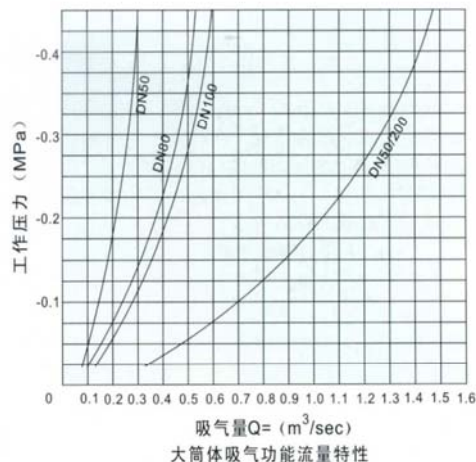
■ 空气流量特性图



大筒体排气功能流量特性



在0.4Mpa压力下输水时小筒体排气功能空气流量特性



大筒体吸气功能流量特性

■ 试验简述

- 试验介质为空气 测量空气流量试验过程时, 空气温度应保持在 5°C ~ 45°C 之间, 阀门空气流量值波动在4%以内, 阀门压力波动值在5%以内; 阀门空气温度波动值在2%以内。
- 低压密封试验 加压到0.05MPa、0.1MPa、0.2MPa、0.3MPa、0.4MPa、0.5MPa时, 保持压力为12min, 阀门密封面无可见泄漏。
- 阀门排气循环试验 向阀门内注水, 8~9秒排出阀内空气, 加压至1.6MPa, 保压时间2min后释放压力。循环试验250次, 进行渗漏试验, 阀门无可见渗漏、无结构损伤。进行高压密封试验和低压密封试验, 阀门无可见泄漏。
- 阀门通气循环试验 向阀门内注入空气, 至阀门关闭, 切断进气待阀门回到全开位置。循环试验2500次进行渗漏试验, 阀门无可见渗漏、无结构损伤。进行高压密封试验和低压密封试验, 阀门无可见泄漏。
- 耐久性试验 在 50°C 的温度内, 阀门内施加水压1.6MPa保持5天, 释放压力后检查阀门能够正常开启。进行渗漏试验, 阀门无可见渗漏、无结构损伤。进行高压密封试验和低压密封试验, 阀门无可见泄漏。

□ Tset Summary:

- The medium shall be air. At the point where the air flow is measured, the air temperature shall remain between 5°C and 45°C throughout the test. The valve the flow shall be within the range of the 4% for all the test duration. The valve of the pressure shall be within the range of the 5% for all the test. The valve of the temperature shall be within the range of the
- Seat tightness at low pressure When the pressure goes up to 0.05Mpa. 0.1Mpa. 0.2Mpa. 0.3Mpa. 0.4Mpa. 0.5Mpa. Maintain the pressure all for 12 min. No visually detectable leakage for the duration of the test.
- Endurance of valves with air release function Increase the water pressure inside the valve, purging the air in 8~9s, up to 1.60Mpa and maintain it 2 min. Release the pressure to atmospheric. After 250 cycles, repeat the leaktightness to internal pressure. No visually detectable leakage and no other sign of detect. Repeat the seat tightness at high pressure and seat tightness at low pressure. No visually leakage.
- Endurance of valves with air venting function the medium is air. 2500 cycles by injection of air into valve until the valve closing fully, release the pressure and the valve open fully. After 2500 cycles, repeat the leaktightness to internal pressure. No visually detectable leakage and no other sign of detect. Repeat the seat tightness at high pressure and seat tightness at low pressure. No visually leakage.
- Long turn unseating test At a temperature of 50°C , kept Under hydraulic pressure of 1.6Mpa during five days. Then release the pressure and the valve opens normally. The result is as same as the above.

阀门地埋装置

VALVES

Accessory for Underground Valve

先进性体现:

■ 概述:

- 阀门地埋装置是替代造价昂贵的窖井，操作者站在地面上能直接操作埋地的阀门。该装置具有抗压、防盗、操作方便等优点，且占地面积极小，美化了城市环境。

■ 独特的设计:

- 窖井盖面积积极小，最大仅为188mmX188mm。
- 防盗性能。球铁盖能轻便地提起、转开，便于操作，但无法取走。
- 可调式加长杆适用各种不同厚度的覆土层。

Guaranteed performance:

□ General:

- Accessory for underground valve is designed to substitute the expensive inspection-well. Valve can be operated on the ground directly. The accessory is anti-pressure designed, preventing from being stolen, easy to operate, small dimensions.

□ Professional design:

- Dimensions of the cover are small, maximum 188mm X 188mm.
- Prevent from being stolen. Ductile iron cover is easy to be lifted and moved aside, but can not be taken away.
- Adjustable extension spindle can suit for all kinds of earth with different thickness.



产品型号
Production type

ZJG-1 ZJG-2

窨井盖 surface box :

■ 窨井盖零件材料 main components & material :

NO.	名称 name	材料 material
1	井架 yoke	ABS
2	井盖 cover	灰铁 gray cast iron
3	紧固件 fastener	不锈钢 stainless steel
4	螺母套 nut	不锈钢+尼龙 stainless steel + nylon

■ 窨井盖尺寸 Dimensions:

mm

NO.	D1	□F	L	n-d	适用阀门口径 Suitable valve sizes
1	150	□123	200	3-8	<DN100
2	272	□188	270	3-10	≥DN125

■ 型号编制方法 Product type numbering specification:

□	Z	J	
			J : 窨井盖 surface box
			Z : 用于闸阀 applied to gate valve
			地面箱号 : 1-大号 2-小号 model: 1-large 2-small

■ 可调式加长杆 adjustable extension spindle :

■ 可调式加长杆零件材料 main components & material :

NO.	名称 name	材料 material
1	外套 protection tube	聚丙烯 PP
2	连接管、接头、connection	WCB
3	方杆 square stem	Q235

■ 可调式加长杆尺寸 Dimensions:

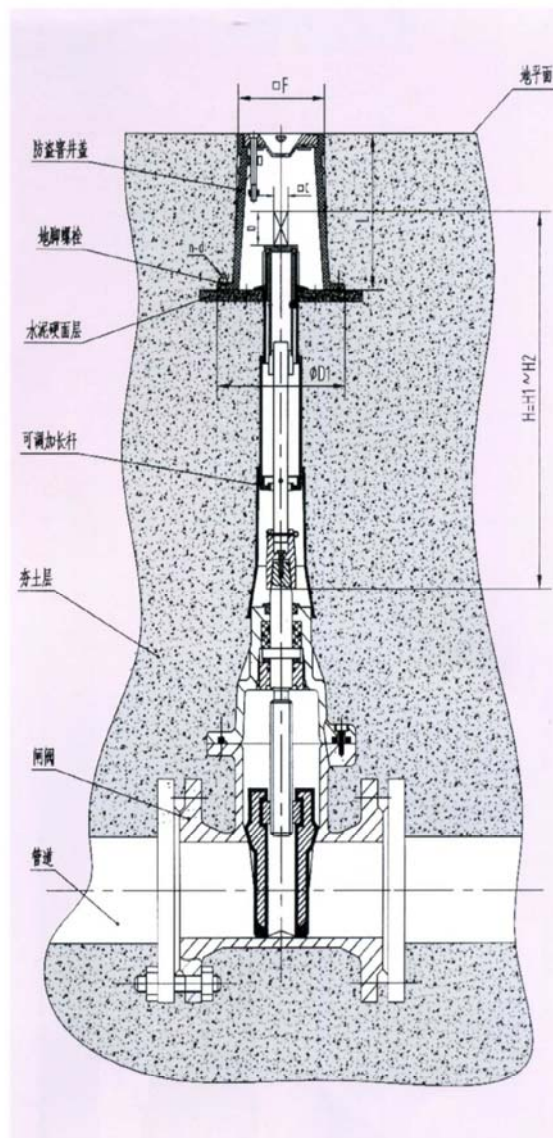
mm

NO.	H1	H2	□C	D	适用阀门口径 Suitable valve sizes
1	300	500	□18	50	<DN100
2	580	860	□25	70	≥DN125

■ 型号编制方法: Product type numbering specification:

□	Z	G	
			G : 可调加长杆 adjustable extension spindle
			Z : 用于闸阀 applied to gate valve
			加长杆号 : 1-大号 2-小号 model: 1-large 2-small

■ 埋地装置安装示意图 main components :



暗杆截止式埋地消火栓

VALVES

Underground Fire Hydrant_Screw-down

■ 概述:

● 本埋地消火栓采用BS750标准中的第二种类型即暗杆截止式结构,可在关闭情况下更换中腔“O”形密封圈。

■ 独特的设计:

● 本埋地消防栓的阀杆为上装,且上部结构可满足在关闭情况下任意更换上腔“O”形密封圈。

● 阀杆螺母、出口接头材料为铜,提高了耐磨性。

● 在腔内有阀瓣的导向槽,使阀瓣操作平稳,密封可靠。

● 本产品流线型造型,结构紧凑,重量轻,便于安装和操作。

■ 优秀的防腐性能:

● 阀体、阀盖、阀瓣、连接法兰内外表面喷涂环氧树,绝不露铁;压盖和出口连接螺纹端口材料为铜,增强了埋地防腐性能。

● 阀杆为不锈钢材料。

■ 适用范围:

● 室外埋地消防水管上,以本装置的出口连接螺纹端口垂直大地向上的位置安装。

□ Summary:

Design according to the second type of BS750, that is: the screw-down underground fire hydrant structure. "O"-ring in the middle cavity of the hydrant can be changed when being shut down.

□ Unique Design:

Stem installed from the top, easy to change the "O"-ring.

Stem nut and joint made of bronze, improve durability.

Guiding groove of valve clack in the cavity of hydrant insures operation of valve clack more stable and sealing capacity more reliable.

Streamlined body, compact design, low weight, easy to install and operate.

□ Excellent corrosion protection:

Inside and outside electrostatic epoxy resin powder coating, no iron exposed; cover and outside screw jointer port made of bronze, improve anti-corrosion capacity underground. Stem made of stainless steel.

□ Scope of application:

Pipe of outdoor underground fire water-supply.

产品型号
Production type

80JX41X-16Q



- 设计标准：BS750
- 连接尺寸：
 - 进口为法兰连接按 Bs4504等效于 GB/T17241.6-1990
 - 出口为螺纹连接按 BS750
- 结构长度：企业自定
- 工作温度：丁腈橡胶 ≤80℃
- 试验标准：BS750

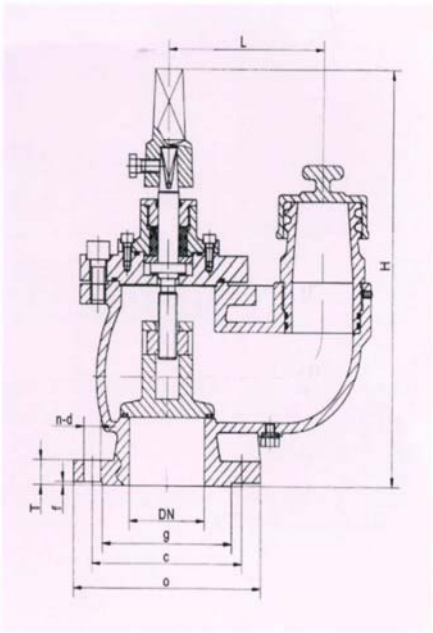
- ☐ Design standard: BS750
- ☐ Flange: BS4504 neq GB/T17241.6-1998
- ☐ Face to face dimensions: Depend on manufacturer
- ☐ Testing standard: BS750
- ☐ Working temperature: NBR ≤80℃

■ 技术性能Technical characteristic:

公称通径 Nominal diameter	80
公称压力 Nominal pressure	1.6MPa
壳体试验 Strength testing	2.4MPa
密封试验 Sealing testing	1.76MPa

■ 主要零件和材料 Main components and materials:

序号 No	名称 name	材料 material
1	阀体、阀盖、连接法兰、 阀瓣、 body, bonnet, connection flange, disc	灰铁或球铁表面喷涂环氧树脂 Gray cast iron or ductile iron with internal and external epoxy resin coatings
2	阀杆 stem	不锈钢：1Cr17Ni2、1Cr18Ni9Ti或 1Cr17Ni12Mo2Ti Stainless steel
3	阀杆螺母、压盖、出口螺纹 接头、 stem nut, screwed cover, outlet	炮铜 ZCuSn5Pb5Zn5 gunmetal LG2 to BS 1400
4	密封环、O形密封圈 seal ring, O-Ring	丁腈橡胶 NBR
5	防护帽 protection cover	塑料 Plastic
6	密封套、垫片 seal bushing, shim	聚四氟乙烯 PTFE
7	螺栓、螺塞 bolts, screwed plug	Q235-A镀锌 Q235-A+Zincification



■ 型号编制方法:

☐ Product type numbering specification:



■ 尺寸及重量 Dimensions (mm) & weights(kg) :

DN	D	C	g	T	f	n-d	L	H	D1	D2	重量weight
80	200	160	133	22	3	8-18	165	366	54	65	24.3

高性能三偏心全金属密封蝶阀

VALVES

High Performance Triple Eccentric
Metallic Sealing Butterfly Valve

■ 概述:

- 本产品是我公司考察了世界各国蝶阀行业后,研制的一种新型蝶阀,至今已有十余年历史,产品远销全国各地。该蝶阀采用三偏心结构,斜圆锥面密封形式。三偏心结构是指阀杆旋转中心偏离密封面、偏离阀体流动中心和偏离斜锥角平分线。这样在阀门启闭过程中,阀体密封面与密封圈之间不会产生干涉,也没有磨损,使密封更安全可靠,寿命长。
- 我公司在金属密封蝶阀研制中发明了先进的金属弹性密封圈,该密封圈不含任何石棉、石墨、碳纤维等软材料,该密封圈内圆部分为刚体,而外侧斜圆锥密封面为多层金属构成,具有一定弹性,密封性能极佳,能适应使用温度的骤变。根据不同材料,这种全金属密封蝶阀能适用各种相应的腐蚀性介质,使用温度范围为-253℃超低温至800℃的高温,公称压力最高900LB(15.0MPa),公称口径目前已设计、制造到1400MM。此发明已获得了国家专利局受理,文本编号为98218323.2。本产品有蜗轮手动、电动、气动等传动形式。

□ Summarize

This kind of butterfly valve adopt triple eccentricity and oblique cone sealing. Triple eccentricity means that rotation center of stem deflect sealing face, flow passage of body and oblique corner bisector. During valve open and close, disc and sealing ring won't bring interference and abrasion. This kind of ring will not contain any asbestos、graphite、carbon fiber and other flexible material. Inner round of sealing ring is rigid body, and out side of oblique cone sealing face is multilayer metal, with certain flexibility and good sealing performance, can suit the sudden change of used temperature. According to different material, this kind of metallic sealing butterfly valve can be applied in many kinds of corresponding corrosive medium, using temperature from -253℃ to 800℃, highest nominal pressure can reach 900LB (15.0MPa), The valve commonly use worm gear operation、electric actuator and pneumatic actuator etc.



产品型号
Production type

500GD941H-6C



■ 独特的设计：

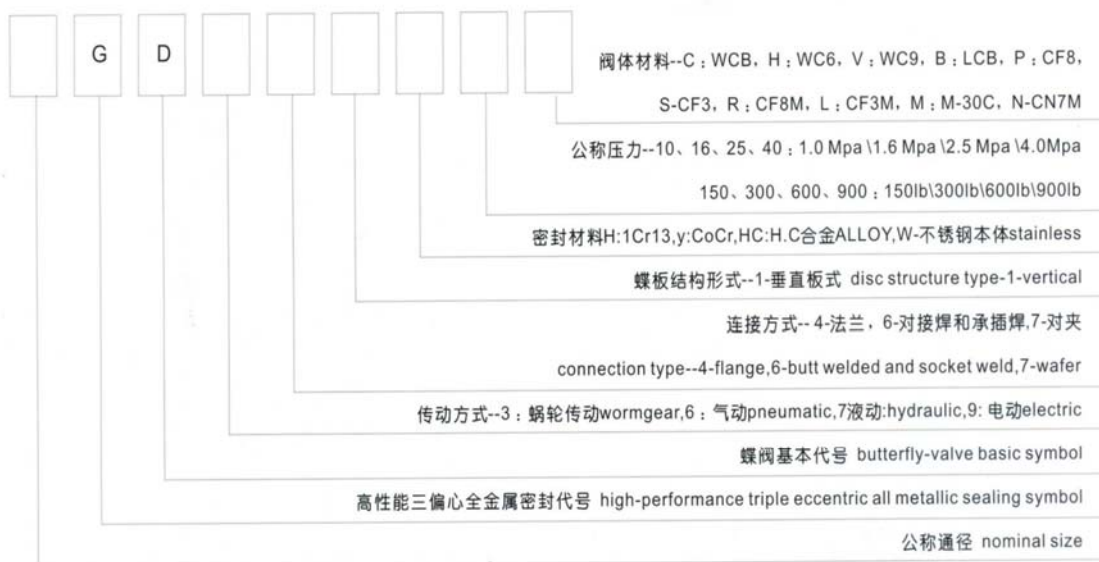
- 阀体、蝶板密封圈为全金属结构, 不含任何石墨、石棉、碳纤维成份, 不会造成对介质的任何污染。
- 阀体、蝶板密封圈的斜锥密封面非线密封和薄壁件, 而是实体面, 所以能适用于高温、高压及深冷的工况。即使使用温度、压力骤变, 仍有可靠的密封性和启闭操作的灵活性。
- 密封面是具有一定弹性的斜圆锥面对面密封, 能适用各种气体介质。当用户特别需要时能达到“零泄漏”。
- 三偏心结构能达到密封面无理论磨擦, 蝶阀的密封力直接来源于阀杆上驱动装置提供的扭矩。随着阀门公称通径和公称压力的变化, 阀体、密封圈锥角也随之变化, 这样用最小的径向偏心、最小启闭扭矩, 保证了密封面之间无干涉现象和密封要求, 节约了驱动能源, 减小了阀门的阻力系数且启闭可靠。
- 阀杆采用整根直通, 使用更安全可靠。

Specific Property

- Sealing ring of body、disc is all metallic structure, not contain any graphite、asbestos、carbon fibre, won't produce any pollution to medium.
- Oblique cone sealing face of sealing ring is solid face, not line sealing or thin-wall structure, so can be suitable for high temperature、high pressure and deep subzero condition. Even though temperature and pressure suddenly change, still with sealing quality and open-close operation.
- Sealing face is oblique cone opposite sealing face with certain resilience, can be suitable for all kinds of gas medium. Can realize "zero leakage" when user especially demand.
- Triple eccentric structure can attain no-friction in theory, sealing force directly from torque provided by actuator fixed in stem. With the change of nominal diameter and nominal pressure, cone angle between body and sealing ring will also change. Using min-radial eccentricity、min-torque, ensure sealing and no interference between sealing face, save driving energy, minish the resistance coefficient.
- Adopted stem is whole stem, more safety and credibility .

■ 适用范围:

- 可广泛用于发电、冶金、石化和有特殊需要的医药、食品等行业。
Appliancescope: Powerplant, Metallurgy, Petrochemical, Medicine, and Food industry.
- 设计标准 Design standard: MSS SP 68, API609, ANSI B16.34, JB/T8527
- 连接法兰 Flange: ANSI B16.48, API605, JB/T79.1~79.4, GB9113.1~9113.6, MSS SP44
或其他DIN、JIS、NF
- 对焊端 Weld end: 按ANSI B16.25及用户提供的管号、管道尺寸
- 试验标准 Test standard: 可按API598, MSS SP 68, API609, JB/T8527标准中相关规定。
- 产品型号编制说明 Product type numbering specification



示例 For example: 500GD941H-16C 即 500-公称通径 nominal size; 9-电动 electric actuator; 4-法兰 flange; 1-垂直式 vertical;

H-密封面材料 sealing material: 1Cr13; 16-公称压力 nominal pressure: 1.6MPa; C-阀体材料 body material: WCB。

主要材料Main Material

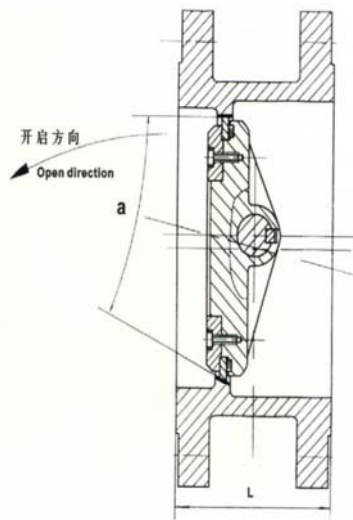
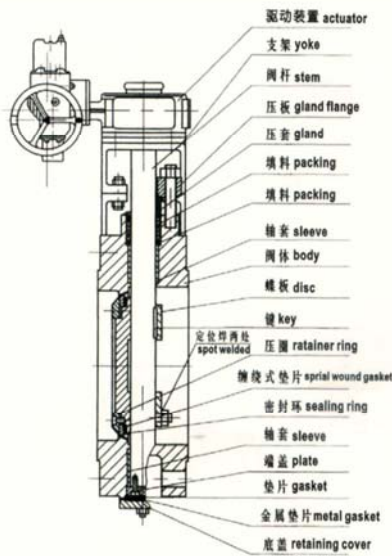
表5

主体 body	阀体密封面/蝶板密封面 body sealing face/sealing ring	填料 packing	缠绕式垫片 spiral wound gasket
WCB	13Cr/0Cr18Ni9	夹不锈钢丝编织柔性石墨带和柔性石墨 anti-Extrusion Stainless steel Rings of Braided Graphite and Flexible Graphite	0Cr18Ni9+柔性石墨 0Cr18Ni9 and flexible graphite
WC6 WC9	EDCoCr或13Cr/0Cr18Ni9 EDCoCr or 13Cr/0Cr18Ni9	夹蒙乃尔丝编织柔性石墨带 anti-Extrusion Monel Rings of Braided Graphite	
CF8	CF8或堆EDCoCr/0Cr18Ni9 CF8 or EDCoCr/0Cr18Ni9	1.夹不锈钢丝编织柔性石墨和柔性石墨 2.聚四氟乙烯编织带 3.碳纤维填料VF-10W	
CF8M	CF8M或堆EDCoCr/0Cr18Ni12Mo2Ti CF8M or EDCoCr/0Cr18Ni12Mo2Ti	1.anti-Extrusion Stainless steel Rings of Braided Graphite and Flexible Graphite	0Cr18Ni12Mo2Ti+柔性石墨或PTFE 0Cr18Ni12Mo2Ti and Flexible Graphite or PTFE
CF3	CF3或堆哈氏合金/00Cr19Ni10 CF3 or h.c Alloy/00Cr19Ni10	2.PTFE Braided belt 3.VF-10W	00Cr19Ni10+柔性石墨或PTFE 00Cr19Ni10 and Flexible Graphite or PTFE
CF3M	CF3M或堆 哈氏合金 /00Cr17Ni14Mo2 CF3M or h.c.ALloy/00Cr17Ni14Mo2		00Cr17Ni14Mo2+柔性石墨或PTFE 00Cr17Ni14Mo2 and Flexible Graphite or PTFE
MONEL	MONEL / Ni-Cu400	1.聚四氟乙烯编织带 2.碳纤维填料VF-10W	Monel+柔性石墨或PTFE Monel and Flexible Graphite or PTFE
CN7M	CN7M或堆哈氏合金/UNSM08020 CN7M or h.c. Alloy/UNSM08020	1.PTFE Braided belt 2.VF-10W	镍+柔性石墨或PTFE Ni and Flexible Graphite or PTFE

注:主体材料符合ASTM规范。 Note:body material comply with specification ASTM.

法兰式阀门结构长度 L :

公称通径MM		100	125	150	200	250	300	350	400	450	500	600	700	800	900	1000	1100	1200	1300	1400
150lb 1.0, 1.6,2.5 Mpa	L	127	140	140	152	165	178	190	216	222	229	267	292	318	330	410	440	470	500	530
300,600lb 5.0, 10 Mpa					230	250	270	290	310	330	350	390								



高性能三偏心斜圆锥面全金属密封蝶阀结构图
High-properties three eccentric oblique cone surface all metallic sealing figure of butterfly valve structure

密封结构图
figure of sealing structure

■ 常用材料压力--温度额定值
Common Material Pressure--Temperature Rating

表6

℃ temperature	额定值工作压力 Mpa working pressure-rating															
	WCB压力--温度额定值 WCB pressure-temperature rating				WC9压力--温度额定值 WC9 pressure-temperature rating				CF8压力--温度额定值 CF8 pressure-temperature rating				CF8M压力--温度额定值 CF8M pressure-temperature rating			
	PN2.0 150lb	PN5.0 300lb	PN10.0 600lb	PN15.0 900lb	PN2.0 150lb	PN5.0 300lb	PN10.0 600lb	PN15.0 900lb	PN2.0 150lb	PN5.0 300lb	PN10.0 600lb	PN15.0 900lb	PN2.0 150lb	PN5.0 300lb	PN10.0 600lb	PN15.0 900lb
-29~38	1.96	5.11	10.21	15.32	2.0	5.17	10.34	15.51	1.9	4.96	9.92	14.89	1.9	4.96	9.93	14.89
50	1.92	5.01	10.02	15.02	1.92	5.12	10.24	15.36	1.84	4.78	9.57	14.35	1.84	4.81	9.63	14.44
100	1.77	4.64	9.28	13.91	1.77	4.9	9.81	14.71	1.57	4.09	8.18	12.26	1.62	4.22	8.44	12.66
150	1.58	4.52	9.05	13.57	1.58	4.66	9.33	13.9	1.39	3.63	7.27	10.09	1.48	3.85	7.7	11.55
200	1.4	4.38	8.75	13.15	14.0	4.48	8.97	13.45	1.26	3.28	6.55	9.83	1.37	3.77	7.13	10.7
250	1.21	4.17	8.34	12.52	12.1	4.42	8.84	13.2	1.17	3.05	6.11	9.16	1.21	3.34	6.68	10.02
300	1.02	3.87	7.75	11.62	10.2	4.24	8.49	12.73	1.02	2.91	5.81	8.72	1.02	3.16	6.33	9.49
350	0.84	3.7	7.39	11.09	8.4	4.02	8.05	12.07	0.84	2.81	5.61	8.42	0.84	3.04	6.08	9.13
375	0.74	3.65	7.29	10.94	7.4	3.88	7.76	11.64	0.74	2.78	5.55	8.33	0.74	2.97	5.94	8.91
400	0.65	3.45	6.9	10.35	6.5	3.66	7.32	10.98	0.65	2.75	5.49	8.24	0.65	2.91	5.82	8.73
425	0.56	2.88	5.75	8.63	5.6	3.51	7.02	10.05	0.56	2.72	5.43	8.15	0.56	2.87	5.73	8.6
450	0.47	2.0	4.01	6.01	4.7	3.38	6.76	10.14	0.47	2.69	5.37	8.06	0.47	2.81	5.62	8.42
475	0.37	1.35	2.71	4.06	3.7	3.17	6.33	9.5	0.37	2.66	5.31	7.97	0.37	2.74	5.47	8.21
500	0.28	0.88	1.76	2.64	2.8	2.78	5.56	8.34	0.28	2.61	5.21	7.82	0.28	2.68	5.37	8.05
525	0.19	0.52	1.04	1.55	1.9	2.19	4.38	6.58	0.19	2.39	4.78	7.16	0.19	2.58	5.16	7.74
540	0.13	0.33	0.65	0.98												
550					0.13	1.64	3.27	4.91	0.13	2.18	4.36	6.54	0.13	2.5	4.99	7.49
575					0.13	1.17	2.34	3.51	0.13	2.01	4.01	6.02	0.13	2.41	4.82	7.23
600					0.13	0.76	1.53	2.29	0.13	1.67	3.34	5.01	0.13	2.14	4.29	6.43
625									0.13	1.31	2.62	3.92	0.13	1.83	3.65	5.48
650									0.13	1.05	2.1	3.16	0.13	1.41	2.82	4.24
675									0.13	0.78	1.55	2.33	0.13	1.26	2.53	3.79
700									0.13	0.6	1.2	1.79	0.13	0.99	1.99	2.98
725									0.13	0.46	0.93	1.39	0.13	0.77	1.54	2.31
750									0.13	0.37	0.73	1.1	0.13	0.59	1.0	1.76
775									0.13	0.28	0.56	0.84	0.13	0.46	0.91	1.37
800									0.13	0.21	0.41	0.62	0.13	0.35	0.7	1.05
备注 note	允许使用,但不推荐长时间使用温度超过425℃。 working-temperature not more than 425℃ long time				仅适用对焊连接阀门, 法兰连接阀门的温度限额为540℃。 Only use for vale of connection by welded end, limited-rating is 540℃ for valve of connection with flanged end.											

液控止回蝶阀 VALVES

Hydraulic Controlled Butterfly Valve ,
Weight-loaded

先进性体现:

■概述:

苏阀达尔液控止回蝶阀是一种结构新型的泵站用自动保压液控止回蝶阀。一旦停电,蝶板在停泵时刻能自动关闭,用户可根据压力差自行调整关闭速度。这样既有效的保护了泵的安全,又能克服回流冲击引起的水锤现象。一旦通电,阀门与泵能联动,同时开启,恢复正常运行。

■独特的设计:

- 阀门设计紧凑,液压线路、电气线路设计简明高效。
- 专门设计一种同时适合离心泵和柱塞泵的电路,用户只需根据标志拨动按钮,即可切换。订货时无需特别说明采用哪种泵式。
- 液压油路上设计装有蓄能器,能长期保持工作压力,使开启蝶板稳定而不颤动,电路系统设计装有触保器,保证了用电人员的安全性。
- 通电时,万一阀门液压系统出现意外降压,电路即会报警,警铃大作,工作人员能及时做出处理,因而通电时绝不会出现阀门意外关闭。这样保证了供水的正常性。
- 液压油路上装有手动装置,必要时,停电时也能打开阀门。
- 阀门开启时,控制柜亮出信号灯明示。阀门还配有远程控制箱,在中心控制室内即能明了阀门的工作状况。有特殊情况时,无论电控柜和远程控制箱都能关闭阀门。关闭阀门的按钮上配有钥匙,工作人员应严格掌握,防止意外出现。
- 阀体及蝶板表面全部静电喷涂环氧树脂粉末,有较强的防腐性能,涂层符合GB/T17219-1998卫生规定。

ADVANTAGE:

□ Summary:

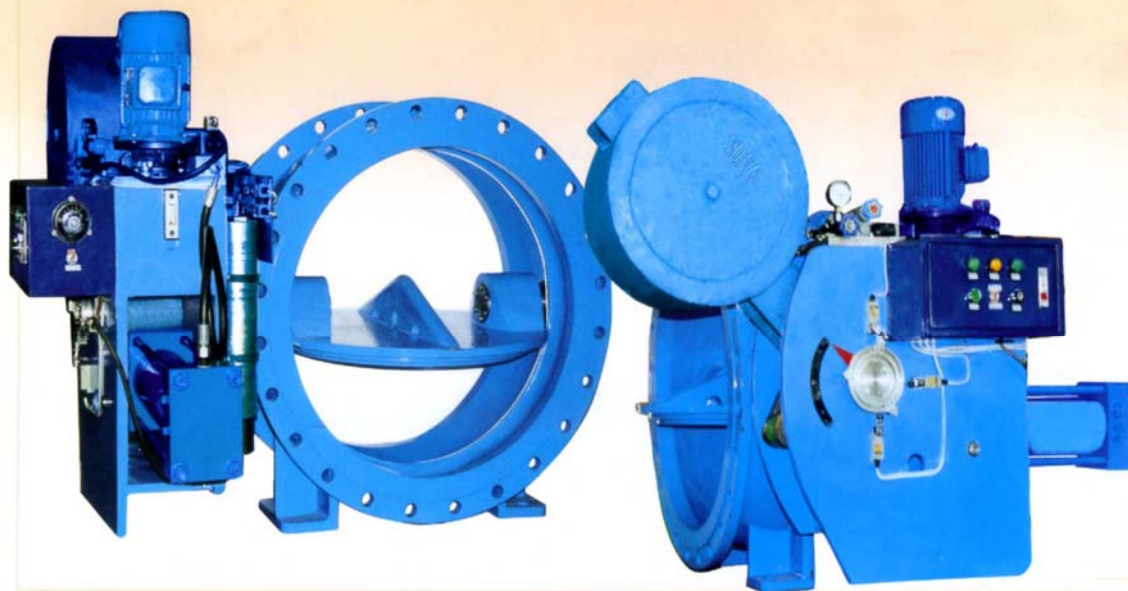
○ This Valve is a new type valve. It can be shut off automatically according to the pre-set law when power cut, minimizing of water hammer. It can be controlled linked with hydraulic pump when power on.

□ Unique Design:

- Compact-design actuator firmly incorporated in the valve.
- It can be used for centrifugal pump or axial pump by the selector button.
- Hydraulic accumulator can keep the continue pressure, which ensure the valve keep its position without vibration
- If the sudden differential pressure happens when power on, the wiring will alarm.
- Hydraulic and valve linkage control, remote control and local control and so on.
- The valve can be opened by the manual equipment when the power is off.
- High-grade corrosion protection of complete unit with EKB epoxy coating which comply with hygiene standard GB/T17219-1998.

产品型号
Production type

800~2600YHD741X-16Q





CNNC SUFA TECHNOLOGY INDUSTRY CO.,LTD.

Add: 501 Zhujiang Road,SND,Suzhou,China

Postcode: 215129

Tel: 86-512-66672562 6672550

E-mail: sales_526wu@163.com

Website: www.chiansufa.com