

### 结构特点 Structure characteristic

- 1、隔膜阀阀体流道呈流线形，故流体阻力小，可适用于腐蚀性及高粘度的介质。
  - 2、隔膜阀的关闭是靠压缩富有弹性的橡胶隔膜来达到，故具有良好的密封性能和较小的关闭扭矩，且无外泄和渗漏。
  - 3、可选择不同的阀体衬里和隔膜材质以适合不同温度下的各种腐蚀性介质。
  - 4、根据不同的介质压力和操作气源压力，选择不同规格的气动执行机构，以达到最理想的使用效果。
  - 5、根据需要可配置相应的附件，实现自控、遥控或流量控制。
  - 6、维修、保养方便。
- 1, the valve body flow channel is linear, so the fluid resistance is small, can be applied to corrosive and high viscosity of the medium.  
 2, the diaphragm valve is closed by the compression of the elastic rubber diaphragm to achieve, it has good sealing performance and smaller off torque, and no leakage and leakage.  
 3, can choose different valve body lining and diaphragm material to suit different temperature of various corrosive medium.  
 4, according to the different media pressure and operating gas source pressure, choose different specifications of pneumatic actuator, in order to achieve the best use effect.  
 5, according to the need to configure the corresponding annex, to achieve automatic control, remote control or traffic control.  
 6, maintenance, easy maintenance.

### 主要零件材料 Main parts material

表Table 2

零件名称 Part name	EG型(引进型) EG type (Imported Type)	HG型(核电) HG type (nuclear)	SEG型(卫生型) SEG type (Sanitary)	G型(普通型) G-type (ordinary)
阀体 Body	※灰铸铁、不锈钢、碳钢、球墨铸铁 gray cast iron, stainless steel, carbon steel, ductile iron	碳钢、※不锈钢 carbon steel, stainless steel	不锈钢 stainless steel	灰铸铁 Gray cast iron
阀盖 Bonnet	※灰铸铁、不锈钢、碳钢 gray cast iron, stainless steel, carbon steel	碳钢、※不锈钢 carbon steel, stainless steel	※不锈钢、灰铸铁 ※ stainless steel, gray cast iron	灰铸铁 Gray cast iron
阀瓣 Disc	※灰铸铁、不锈钢、碳钢 gray cast iron, stainless steel, carbon steel	碳钢、※不锈钢 carbon steel, stainless steel	※不锈钢、灰铸铁 ※ stainless steel, gray cast iron	灰铸铁 Gray cast iron
隔膜 Diaphragm	※橡胶、氟塑料 rubber, fluorine plastic	橡胶 rubber	橡胶、※氟塑料 Rubber, ※ fluoroplastic	橡胶、※氟塑料 Rubber, ※ fluoroplastic
阀杆 Stem	※碳钢、不锈钢 carbon steel, stainless steel	不锈钢 stainless steel	碳钢、※不锈钢 carbon steel, stainless steel	碳钢 carbon steel
气缸、气缸盖 Cylinder, cylinder head	铝合金、※碳钢 Aluminum, stainless steel	碳钢 carbon steel	碳钢 carbon steel	灰铸铁 Gray cast iron

※为本公司基型产品 Company based products

### 橡胶衬里材质及适用范围 Rubber lining materials and Scope

表Table 3

衬里材质(代号) Lining material (code)	适用温度 Applicable temperature	适用介质 Applicable medium
※硬橡胶(NR) ※Hard rubber (NR)	-10℃~85℃	除强氧化剂(如硝酸、铬酸、浓硫酸及氯化氢等和有机溶剂)外的氢氟酸、氟硅酸、蚊酸和酚酸、盐酸、30%硫酸、50%氢氟酸、80%磷酸、碱、盐类、镀金属溶液、氢氧化钠、氢氧化钾、中性盐水溶液、10%次氯酸钠、湿氯气、氯气、大部分醇类，有机酸及醛类等。In addition to a strong oxidizing agent (such as nitric acid, chromic acid, concentrated sulfuric acid and hydrogen peroxide and an organic solvent) outside of the hydrochloric acid, fluorosilicic acid, formic acid, and phenolic acids, hydrochloric acid, 30% sulfuric acid, 50% hydrofluoric acid, 80% phosphoric acid, alkali, salts, metal plating solution, sodium hydroxide, potassium hydroxide, a neutral salt solution, 10% sodium hypochlorite, wet chlorine, nitrogen, most of the alcohols, organic acids and aldehydes.
软橡胶(BR) Soft rubber (BR)	-10℃~85℃	具有良好的耐磨性能。主要用于50%以下的硫酸、氢氧化钠、氢氧化钾、中性盐溶液及氯液，水泥、粘土、煤渣灰、颗粒状化肥及磨损性较强的固态流体，各种浓度粘液等。It has good wear resistance. Sulfuric acid is mainly used for 50% or less, sodium hydroxide, potassium hydroxide, neutral salt solution and ammonia solution, cement, clay, cinder ash, granular fertilizers and strong solid abrasive fluids, mucus, etc. in various concentrations.
丁基胶(IIR) Butyl rubber (IIR)	-10℃~120℃	抗腐蚀、耐磨损。能耐绝大多数的有机酸，碱和氢氧化物、无机盐及无机酸、元素气体、醇类、醚类、醛类、酮类、酯类等。Corrosion, abrasion. The ability of the vast majority of acids, alkalis and hydroxides, salts and inorganic acids, elemental gas, alcohols, ethers, ketones, lipids and the like.
氯橡胶(CR) Chlorine rubber (CR)	-10℃~105℃	动物油、植物油和无机润滑油及PH值变化范围很大的腐蚀性泥浆，抗磨型好。Animal oils, vegetable oils and mineral lubricants and PH values vary widely corrosive mud, good anti-wear type.

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### 氟塑料和搪瓷衬里材料及适用范围 Fluorine plastic and enamel lining materials and their application

表Table 4

衬里材料(代号) Lining material (code)	适用温度 Applicable temperature	适用介质 Applicable medium
※聚全氟丙烯(FEP) fluorinated ethylene propylene (FEP)	≤150℃	各种浓度的盐酸、硫酸、氢氟酸以及王水、硝酸、各种有机酸、强碱、强氧化剂或浓稀酸交替、酸碱交替、多种有机溶剂和除熔融碱金属、元素氟及芳香烃类外的其它强腐蚀性介质。Various concentrations of hydrochloric acid, sulfuric acid, hydrofluoric acid and aqua, nitric acid, organic acid, alkali, strong oxidizing agent or concentrated and dilute acid alternate, alternating alkaline, a variety of organic solvents and in addition to molten alkali metals, fluorine and aromatic hydrocarbons other strong corrosive medium.
聚偏氟乙烯(PVDF) Polyvinyl fluoride (PVDF)	≤100℃	
聚四氟乙烯和乙烯共聚物(ETFE) PTFE and ethylene copolymer (ETFE)	≤120℃	
可溶性聚四氟乙烯(PFA) Soluble PTFE (PFA)	≤180℃	
耐酸搪瓷 Acid proof enamel	≤100℃	除氢氟酸、浓磷酸、强碱外的一般腐蚀性介质。General corrosive medium except hydrofluoric acid, concentrated phosphoric acid, alkali and.

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### 隔膜材质及适用范围 Diaphragm material and applicable scope

表Table 5

隔膜材质 Diaphragm material	代号 Code	适用温度 Applicable temperature	适用介质 Applicable medium
定睛胶(B级) When the glue (B)	IIR	≤120℃	85%硫酸、盐酸、氢氟酸、磷酸、苛性碱和多种酯类等。Sulfuric acid, hydrochloric acid, hydrofluoric acid, phosphoric acid, caustic soda and a variety of esters.
※天然胶(Q级) NR(Q)	NR	≤100℃	净化水、无机盐、稀释无机酸等。Purified water, inorganic salts, dilute inorganic acid.
三元乙丙胶 EPDM	EPDM	≤120℃	具有天然橡胶相识的耐酸、碱性能，用于低压蒸汽、热水、冷水性能极为良好。Natural rubber has met resistance to acid, alkali can be used for low pressure steam, hot water, cold water performance is extremely good.
氯丁胶 Neoprene	CR	≤85℃	耐酸、耐碱、耐油和非极性溶剂。耐磨性优于天然胶。Acid, alkali, oil and non-polar solvents. Wear resistance than natural rubber.
丁腈胶 NBR	NBR	≤85℃	耐油、耐碱、其耐酸性能与天然橡胶相似。Oil, alkali, its acid resistance similar to natural rubber.
氟橡胶 Viton	FPM	≤150℃	具有类似氟塑料的耐腐蚀性能，在浓酸、强氧化性能中极稳定，在有机溶剂和碱溶液中稳定。Corrosion resistance can have similar fluorine plastic, very stable in concentrated acid, strong oxidizing properties, and stable in organic solvents and alkali solution.
聚全氟丙烯 Poly FEP	FEP	≤120℃	
可溶性聚四氟乙烯 Soluble Teflon	PFA	≤150℃	

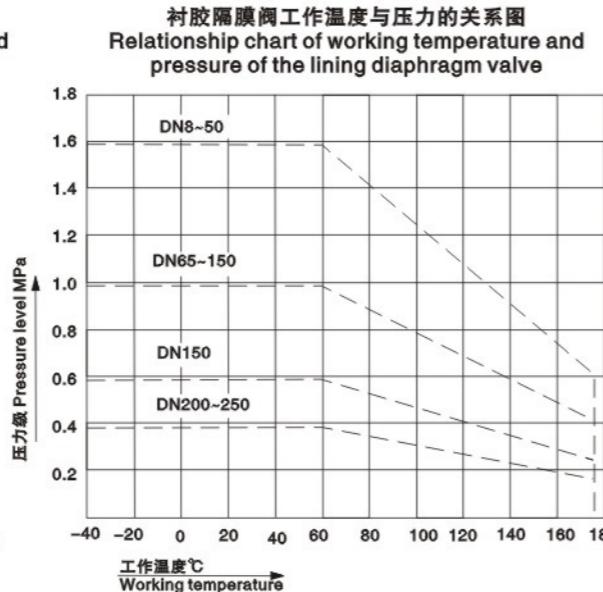
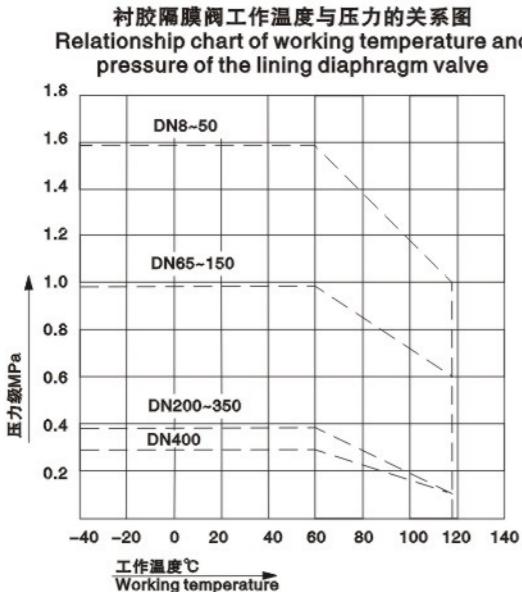
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### 增强聚丙乙烯(RPP)的适用范围 Enhanced ethylene polypropylene (RPP) scope

表Table 6

适用温度 Applicable temperature	适用介质 Applicable medium
≤100℃	除浓硝酸，发烟硫酸、氯磺酸及强氧化剂外的大多数有机酸、无机酸、无机溶剂等。In addition to concentrated nitric acid, fuming sulfuric acid, chlorosulfonic acid and strong oxidant of most organic acids, inorganic acids, inorganic solvents.

### 隔膜阀工作温度与压力的关系 Relationship between working temperature and pressure of diaphragm valve

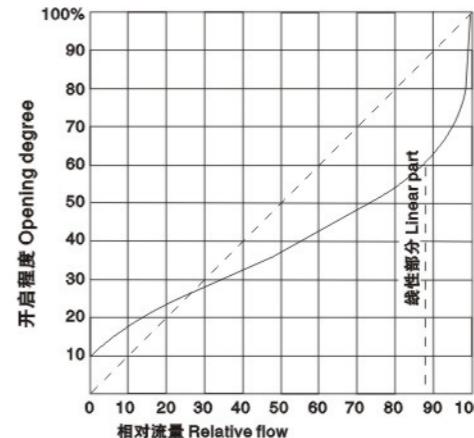


### 隔膜阀CV值(CV-美加仑/分 Kv-升) Diaphragm CV value (CV - US gal / min Kv- liter)

表Table 7

公称通径 Nominal diameter DN(mm)	20		25		32		40		50		65		80	
开度 Opening	Cv	Kv	Cv	Kv	Cv	Kv	Cv	Kv	Cv	Kv	Cv	Kv	Cv	Kv
100%	9.2	2.2	14	3.3	22	5.23	35	8.3	64	15.2	102	24.28	148	35
90%	9	2.15	13.7	3.26	21.12	5.02	34	8.1	63	15	97.92	23.31	145	34.5
80%	8.8	2.1	13.4	3.2	20.24	4.81	33.6	8	61	14.5	93.84	22.34	142	33.8
70%	8.4	2	12.7	3	19.35	4.6	32	7.6	58	13.8	89.75	21.36	135	32
60%	7.7	1.8	11.6	2.8	18.47	4.39	29	6.9	53	12.6	85.67	20.39	123	29.3
50%	6.7	1.6	10.2	2.4	15.39	3.66	26	6.2	47	11	71.4	17	108	26
40%	5.5	1.3	8.4	2	12.32	2.93	21	5	38	9	57.11	13.59	89	21
30%	4.1	1	6.3	1.5	9.23	2.19	16	3.8	29	7	42.83	10.19	67	16
20%	2.5	0.6	3.8	0.9	6.16	1.46	9.5	2.25	17	4	28.55	6.79	40	9.5
10%	1	0.24	1.5	0.4	3.08	0.73	3.9	0.93	7	1.7	14.27	3.39	16	3.8
0%	0	0	0	0	0	0	0	0	0	0	0	0	0	0
公称通径 Nominal diameter DN(mm)	100		125		150		200		250		300		350	
开度 Opening	Cv	Kv	Cv	Kv	Cv	Kv	Cv	Kv	Cv	Kv	Cv	Kv	Cv	Kv
100%	252	60	363	86.42	484	115	1309	311	2000	475	2600	619	3750	892
90%	247	59	348	82.97	474	113	1256	299	1920	457	2496	594	3600	857
80%	242	57	333	79.51	465	110	1204	286	1840	438	2392	569	3450	821
70%	229	54	319	76.05	440	105	1151	274	1760	419	2288	544	3300	785
60%	209	50	304	72.59	402	96	1099	261	1679	399	2184	520	3149	749
50%	184	44	254	60.49	353	84	916	218	1400	333	1820	433	2625	625
40%	151	36	203	48.39	290	69	733	174	1120	266	1456	346	2100	500
30%	113	26.9	152	36.29	218	52	549	130	839	199	1092	260	1574	374
20%	68	16.2	101	24.19	131	31	366	87.26	560	133	728	173	1050	250
10%	28	6.7	50.81	12.09	53	12.6	183	43.63	280	66.66	364	86.66	525	125
0%	0	0	0	0	0	0	0	0	0	0	0	0	0	0

### 隔膜阀流量特性曲线 Diaphragm flow characteristic curve



#### 附件 Accessory

气动隔膜阀可根据需要配置以下附件:

- 1、反馈信号装置：可将阀门启闭状况以开关量信号反馈到控制室。
- 2、限位装置：可以限止阀门的最大开度，以实现定流量调节。
- 3、阀门定位器：

电-气阀门定位器：以输入4-20mA电信号来控制阀门的启、闭量，以实现流量调节。

气-气阀门定位器：以输入0.02-0.10MPa的信号气源来控制阀门的启、闭量，以实现流量调节。

4、阀门位置传感器：可使阀门在任意位置的启闭状况以4-20mA的电信号输出。

5、减压阀：可将气源压力调节到所需的压力。

6、电磁阀：由电信号来控制气动阀门操作气源的转换，以实现阀门启闭动作。

7、也可根据需要，配置其它附件。

Pneumatic diaphragm valve can be configured as needed following accessories:

1, the feedback signal means: You can open and close the valve condition to switch signal feedback to the control room.

2, limit device: Can limiting the maximum opening of the valve, in order to achieve constant flow regulation.

3, the positioner:

Electric – gas valve positioner: The 4–20mA input signals to control the valve open, closed volume, in order to achieve flow regulation.

Gas – gas valve positioner: to enter 0.02–0.10MPa signal to control the air valve open, closed volume, in order to achieve flow regulation.

4, valve position sensor: 4–20mA signal output allows the valve to any position in the opening and closing conditions.

5, the pressure relief valve: The supply pressure can be adjusted to the desired pressure.

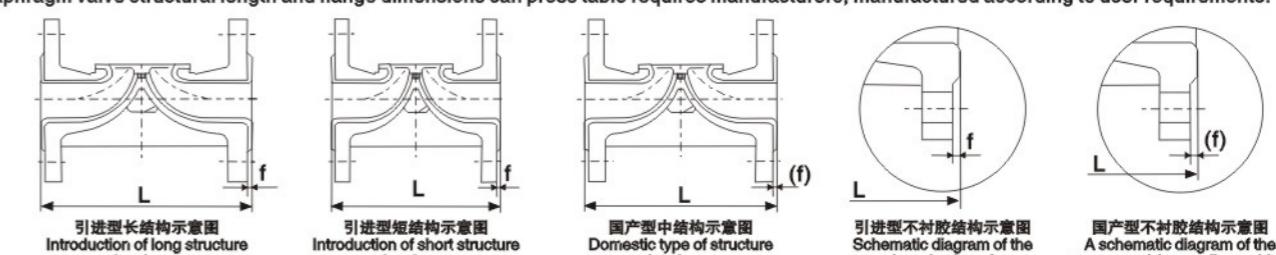
6, the solenoid valve: the electrical signal to control the pneumatic valve operation to convert the gas source to achieve valve opening and closing action.

7, you may also need to configure other accessories.

### 结构长度、法兰连接尺寸 Structural length, flange dimensions

隔膜阀阀体结构长度和法兰连接尺寸可按下列要求制造，也可按用户要求进行制造。

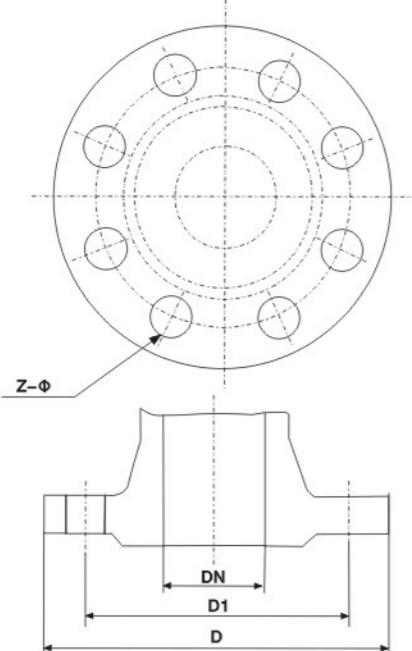
Diaphragm valve structural length and flange dimensions can press table requires manufacturers, manufactured according to user requirements.



### 结构长度尺寸和标准 Length of the structure size and standard

口径(DN) Caliber Category	尺寸Size	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400	符合标准 Accord with standard
引进型短结构 Short introduction structure	L	108	117	127	146	159	190	216	254	305	356	406	521	635				

**法兰连接尺寸和标准(mm)**  
**Flange dimensions and standards (mm)**



采用标准 Standard	表Table 9-1					
	ISO2084、BS4504、DIN2501、GB9113、GB/T17241.6					
	PN10(1.0MPa)		PN16(1.6MPa)			
DN(mm)	D1	D	Z-φ	D1	D	Z-φ
15	65	95	4-14	65	95	4-14
20	75	105	4-14	75	105	4-14
25	85	115	4-14	85	115	4-14
32	100	140	4-18	100	140	4-18
40	110	150	4-18	110	150	4-18
50	125	165	4-18	125	165	4-18
65	145	185	4-18	145	185	4-18
80	160	200	8-18	160	200	8-18
100	180	220	8-18	180	220	8-18
125	210	250	8-18	210	250	8-18
150	240	285	8-22	240	285	8-22
200	295	340	8-22	295	340	12-22
250	350	395	12-22	355	405	12-26
300	400	446	12-22	410	460	12-26
350	460	505	16-22	470	520	16-26
400	515	565	16-28	525	580	16-30

表Table 9-2

采用标准 Standard	ISO2531(PN10)			JIS B 2220(10K)			ANSI B16.5(150Lb)			GB/T17241.6(PN)		
	DN(mm)	D1	D	Z-φ	D1	D	Z-φ	D1	D	Z-φ	D1	Z-φ
15	65	95	4-15	70	95	4-15	60.5	89	4-15	65	95	4-14
20	75	105	4-15	75	100	4-15	70	98	4-15	75	105	4-14
25	85	115	4-19	90	125	4-19	79.5	108	4-15	85	115	4-14
32	100	140	4-19	100	135	4-19	89	117	4-15	100	135	4-18
40	110	150	4-19	105	140	4-19	98.5	127	4-15	110	145	4-18
50	125	165	4-19	120	155	4-19	120.5	152	4-19	125	160	4-18
65	145	185	4-19	140	175	4-19	139.5	178	4-19	145	180	4-18
80	160	200	8-19	150	185	8-19	152.5	190.5	4-19	160	195	8-18
100	180	220	8-19	175	210	8-19	190.5	228.5	8-19	180	215	8-18
125	210	250	8-19	210	250	8-23	216	254	8-22	210	245	8-18
150	240	285	8-23	240	280	8-23	241.5	279	8-22	240	280	8-22
200	295	340	8-23	290	300	12-23	298.5	343	8-22	295	335	8-22
250	350	395	12-23	355	400	12-25	362	406	12-25	350	390	12-22
300	400	445	12-23	400	445	16-25	432	483	12-25	400	440	12-22
350	460	505	16-23	445	490	16-25	476	533	12-29	460	500	16-22
400	515	565	16-26	510	560	16-27	540	597	16-29	515	565	16-28

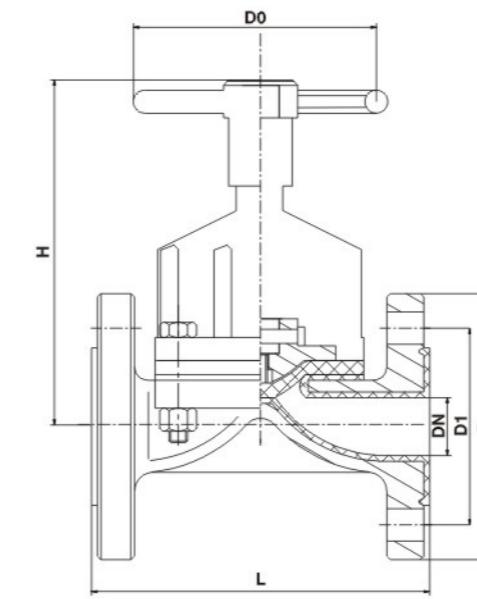
EG41W/J-10(16)

## 隔膜阀/衬胶隔膜阀 Diaphragm valve / lined diaphragm valve

**主要性能规范 Main performance specification**

适用温度 Applicable temperature	适用介质 Applicable medium
≤85°C	一般腐蚀性介质 General corrosive media

\*此为本公司基型产品适用温度，如有不同要求请参阅P9、10表3、5进行选择。  
This is the company based product application temperature, if there are different requirements, please refer to the P9, 10 Table 3, 5 for selection.



**主要零件材料 Main parts material**

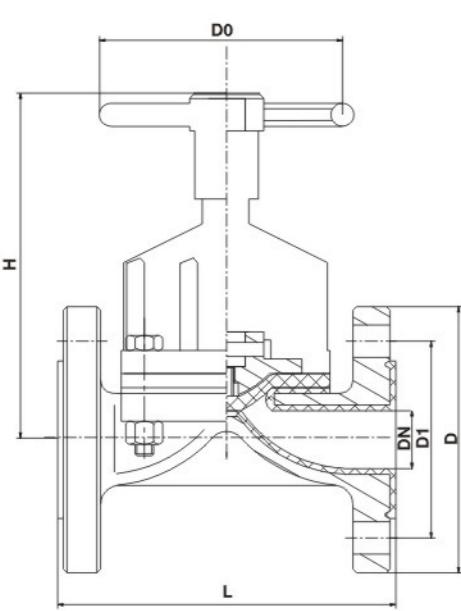
零件名称 Part name	材料 Material
阀体 Body	灰铸铁、灰铸铁/衬胶 Gray cast iron, gray cast iron / rubber lined
阀盖 Bonnet	灰铸铁 Gray cast iron
阀瓣 Disc	灰铸铁 Gray cast iron
手轮 Handwheel	灰铸铁 Gray cast iron
隔膜 Diaphragm	天然胶、丁晴橡胶 Natural rubber, rubber eye
阀杆 Stem	碳钢 Carbon steel

**主要外形尺寸和连接尺寸 Main dimensions and connection dimensions**

公称通径 Nominal diameter (DN)	公称压力 Pressure rating (MPa)	工作压力 Working pressure (MPa)	L	D	D1	Z-φ	f	H1	H2	D0	重量 Weight (Kg)
15	1.6	1.6	107	95	65	4-14	2	90	99	75	2.5
20			117	105	75	4-14	2	93	103	75	3
25			127	115	85	4-14	2	100	112	85	4
32			146	140	100	4-18	2	127	144	120	6.5
40			159	150	110	4-18	2	136	156	120	7.5
50			190	165	125	4-18	2	151	177	120	10
65	1.0	1.0	216	185	145	4-18	2	183	213	165	16
80			254	200	160	8-18	2	198	273	230	23.5
100			305	220	180	8-18	2	266	320	280	34
125			356	250	210	8-18	2	319	386	280	44
150			406	285	240	8-22	3	380	453	368	67.5
200	0.6	0.6	521	340	295	8-22	3	506	626	400	141.5
250			635	395	350	12-22	3	598	734	500	229
300			749	445	400	12-22	3	698	778	560	321
350			749	505	460	16-22	3	723	883	560	360
400			-	565	515	16-26	3	868	1078	640	584

采用标准  
Adopt standard  
设计以制造: BS5156; 结构长度: BS5156; 法兰尺寸BS4504, 也可按表8、表9标准制造。  
Design to

**衬氟塑料隔膜阀**  
**Fluorine plastic diaphragm valve**

**主要性能规范 Main performance specification**

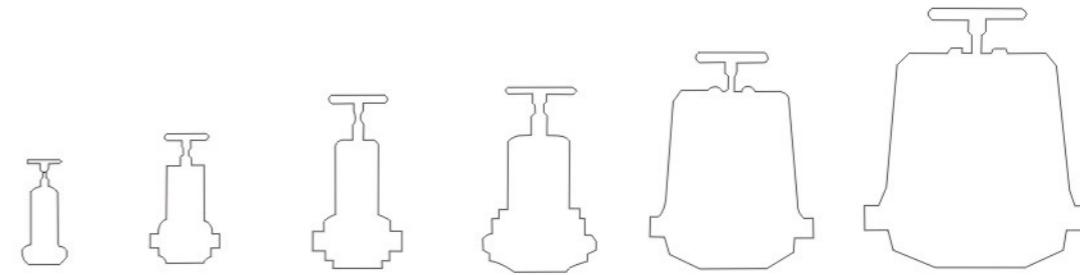
适用温度 Applicable temperature	适用介质 Applicable medium
≤120℃	强腐蚀性介质 Strongly corrosive medium

**主要零件材料 Main parts material**

零件名称 Part name	材料 Material
阀体 Body	灰铸铁/氟塑料 Grey cast iron
阀盖 Bonnet	灰铸铁 Gray cast iron
阀瓣 Disc	灰铸铁 Gray cast iron
手轮 Handwheel	灰铸铁 Gray cast iron
隔膜 Diaphragm	氟塑料/橡胶 Fluorine plastic / rubber
阀杆 Stem	碳钢 Carbon steel

**主要外形尺寸和连接尺寸 Main dimensions and connection dimensions**

公称通径 Nominal diameter (DN)	公称压力 Pressure rating (MPa)	工作压力 Working pressure (MPa)	L	D	D1	Z-φ	f	H1	H2	D0	重量 Weight (Kg)	mm
15	1.0	0.6	108	95	65	4-14	2.5	90	99	66	2	
20			117	105	75	4-14	2.5	93	103	66	3	
25			127	115	85	4-14	2.5	100	112	66	4	
32			146	140	100	4-18	2.5	127	114	96	6.5	
40			159	150	110	4-18	3	136	156	96	8.5	
50			190	165	125	4-18	3	151	177	118	12	
65			216	185	145	4-18	3	183	213	165	17	
80			254	200	160	8-18	3	198	273	230	27	
100			305	220	180	8-18	3.5	266	320	280	39	
125			356	250	210	8-18	3.5	319	386	280	62	
150			406	285	240	8-22	3.5	380	453	368	83	
200			521	340	295	8-22	4	506	626	400	152	
250			635	395	350	12-22	4	605	741	500	245	
采用标准 Adopt standard	设计与制造: GB12239; 结构长度: BS5156; 法兰尺寸: BS4504, 也可按有8、表9标准制造。 Design and manufacturing: GB12239; structure length: BS5156; flange size: BS4504, also can be made according to 8, table 9.											

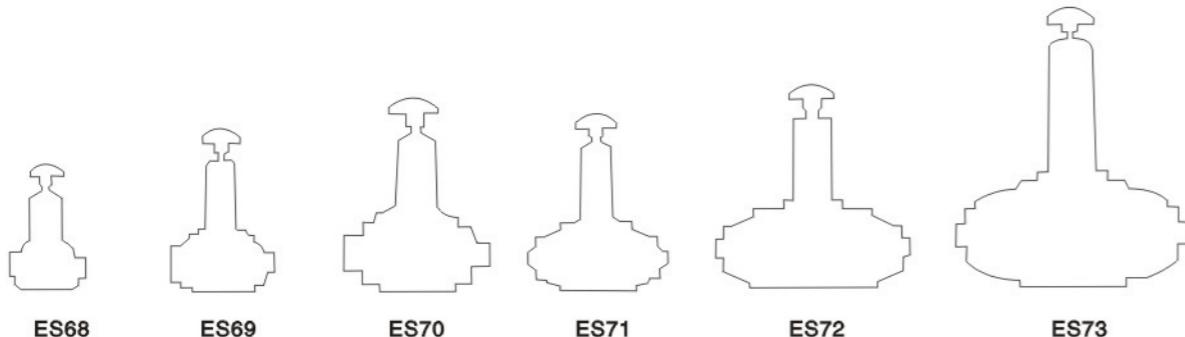
**引进型气动隔膜阀(常闭型)****Introduction of pneumatic diaphragm valve (normally closed)****隔膜阀型号编制说明 Diaphragm Model preparation instructions**

- 1、气动隔膜阀可根据不同的介质压力和操作压力,按下表选择不同规格的执行机构,以达到最经济的使用效果。
  - 2、下表中带※标记的为本公司基型配置产品。
  - 3、当用户不提出要求时,气动隔膜阀的密封压力一般均调试为0.66MPa,只有当LP<0.6MPa的阀门,其密封压力按表中的LP值进行调试。
  - 4、表中OP为气源操作压力,LP为管道压力。
- 1, pneumatic diaphragm according to different media pressure and operating pressure, the press table selection of different specifications of the implementing agencies, in order to achieve the most economical use of effects.  
2, the following table with a group-based company ※ mark configure the product.  
3, when the user is not required, the sealing pressure of the pneumatic diaphragm valve is generally 0.66MPa, only if the LP<0.6MPa valve, the sealing pressure in the table LP value for debugging.  
4, table OP operating pressure gas source, LP for the pipeline pressure.

**EG6B41J常闭型气动(衬胶)隔膜阀的气动装置型式、代号及适用范围****Pneumatic device type EG6B41J normally closed pneumatic (rubber lined) diaphragm, code and scope**

公称通径 Nominal diameter DN(mm)	工况条件 Working conditions	气动装置操作压力范围 Pneumatic device operating pressure range(MPa)					
		ES60	ES61	ES62	ES63	ES64	ES65
20	OP	0.36	0.26				
	LP	0.7	1.6※				
25	OP	0.42	0.4	0.26			
	LP	1.0	1.2※	1.6			
32	OP		0.34	0.24			
	LP		0.75※	1.6	0.24		
40	OP		0.32	0.3	1.6		
	LP		0.6	1.6※	0.34	0.2	
50	OP		0.36	0.4	1.6	1.6	
	LP		0.25	1.0※	0.36	0.22	
65	OP			0.32	1.0※	1.0	
	LP			0.5	0.36	0.32	
80	OP			0.38	0.6※	1.0	
	LP			0.3	0.45	0.4	0.39
100	OP				0.2	0.8※	0.9
	LP				0.4	0.38	0.49
125	OP					0.1	0.5※
	LP					0.45	0.5
150	OP					0.25	0.55※
	LP						0.7
200	OP						0.38
	LP						0.4※
250	OP						0.41
	LP						0.2※

## 引进型气动隔膜阀(常开型) Introduction of pneumatic diaphragm valve (normally open type)



**隔膜阀型号编制说明 Diaphragm Model preparation instructions**

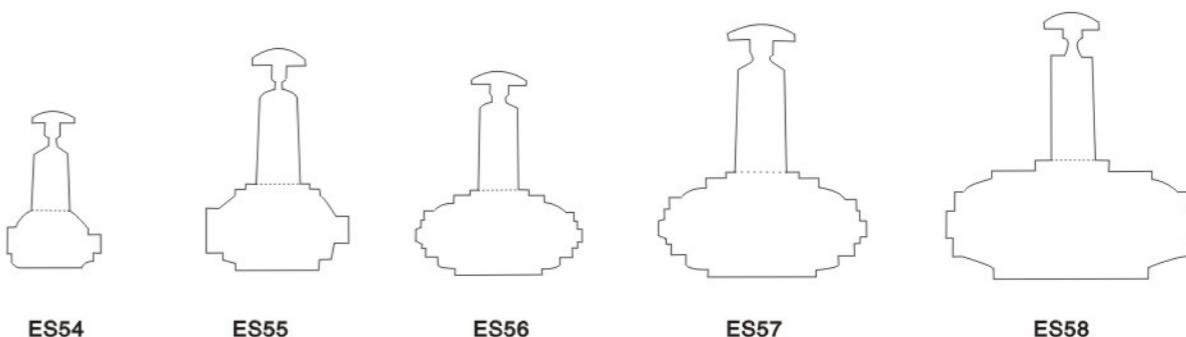
- 1、气动隔膜阀可根据不同的介质压力和操作压力，按下表选择不同规格的执行机构，以达到最经济的使用效果。
  - 2、下表中带※标记的为本公司基型配置产品。
  - 3、当用户不提出要求时，气动隔膜阀的密封压力一般均调试为0.66MPa，只有当LP<0.6MPa的阀门，其密封压力按表中的LP值进行调试。
  - 4、表中OP为气源操作压力，LP为管道压力。
- 1, pneumatic diaphragm according to different media pressure and operating pressure, the press table selection of different specifications of the implementing agencies, in order to achieve the most economical use of effects.  
 2, the following table with a group-based company ※ mark configure the product.  
 3, when the user does not request, pneumatic diaphragm seal pressure generally debugging of 0.66MPa, and only when the LP <0.6MPa valve, the sealing pressure according to the table LP values for debugging.  
 4, table OP operating pressure gas source, LP for the pipeline pressure.

**EG6B41J常闭型气动(衬胶)隔膜阀的气动装置型式、代号及适用范围**

**Pneumatic device type EG6B41J normally closed pneumatic (rubber lined) diaphragm, code and scope**

公称通径 Nominal diameter DN(mm)	工况条件 Working conditions	气动装置操作压力范围 Pneumatic device operating pressure range(MPa)						
		ES67	ES68	ES69	ES70	ES71	ES72	ES73
20	OP	0.6	0.33	0.2				
	LP	1.3	1.6※	1.6				
25	OP	0.6	0.42	0.26	0.14			
	LP	0.4	1.6※	1.6	1.6			
32	OP		0.6	0.38	0.21			
	LP		1.2※	1.6	1.6			
40	OP		0.6	0.34	0.23			
	LP		1.0	1.6※	1.6			
50	OP		0.6	0.42	0.34	0.21		
	LP		0.7	1.6	1.6※	1.6		
65	OP			0.52	0.35	0.22		
	LP			1.0	1.0※	1.0		
80	OP			0.6	0.46	0.29		
	LP			0.9	1.0	1.0※	0.16	
100	OP			0.6	0.6	0.44	1.0	
	LP			0.4	0.8	1.0※	0.25	
125	OP				0.6	0.48	1.0	0.19
	LP				0.6	1.0※	0.31	1.0
150	OP					0.6	0.46	0.27
	LP					0.8	1.0※	1.0
200	OP						0.46	0.34
	LP						0.6※	0.6
250	OP							0.44
	LP							0.6※

## 引进型气动隔膜阀(往复型) Introduction of pneumatic diaphragm valve (reciprocating)



**注：虚线下部为无手操 Note: The lower part of the dotted line for hands-free operation**

**隔膜阀型号编制说明 Diaphragm Model preparation instructions**

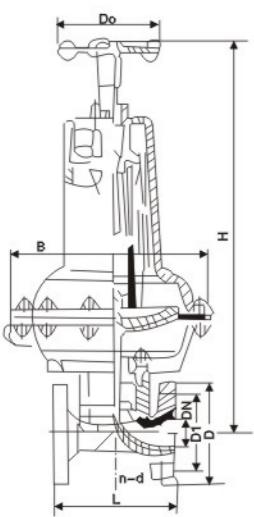
- 1、气动隔膜阀可根据不同的介质压力和操作压力，按下表选择不同规格的执行机构，以达到最经济的使用效果。
  - 2、下表中带※标记的为本公司基型配置产品。
  - 3、当用户不提出要求时，气动隔膜阀的密封压力一般均调试为0.66MPa，只有当LP<0.6MPa的阀门，其密封压力按表中的LP值进行调试。
  - 4、表中OP为气源操作压力，LP为管道压力。
- 1, pneumatic diaphragm according to different media pressure and operating pressure, the press table selection of different specifications of the implementing agencies, in order to achieve the most economical use of effects.  
 2, the following table with a group-based company ※ mark configure the product.  
 3, when the user does not request, pneumatic diaphragm seal pressure generally debugging of 0.66MPa, and only when the LP <0.6MPa valve, the sealing pressure according to the table LP values for debugging.  
 4, table OP operating pressure gas source, LP for the pipeline pressure.

**EG6B41J常闭型气动(衬胶)隔膜阀的气动装置型式、代号及适用范围**

**Pneumatic device type EG6B41J normally closed pneumatic (rubber lined) diaphragm, code and scope**

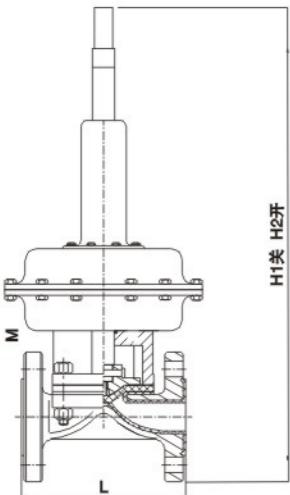
公称通径 Nominal diameter DN(mm)	工况条件 Working conditions	气动装置操作压力范围 Pneumatic device operating pressure range(MPa)					
		ES53	ES54	ES55	ES56	ES57	ES58
20	OP	0.6	0.29				
	LP	1.4	1.6※				
25	OP	0.6	0.48				
	LP	0.75	16※				
32	OP		0.6	0.3			
	LP		1.05	1.6※			
40	OP		0.6	0.32			
	LP		0.95	1.6※			
50	OP		0.6	0.45			
	LP		0.65	1.6※			
65	OP			0.47			
	LP			1.0※			
80	OP			0.6	0.39		
	LP			0.75	1.0※		
100	OP				0.6	0.36	
	LP					0.95	1.0※
125	OP					0.6	0.47
	LP					0.65	1.0※
150	OP						0.6
	LP						0.75
200	OP						0.5
	LP						0.6※

## 气动隔膜阀 Pneumatic diaphragm valve



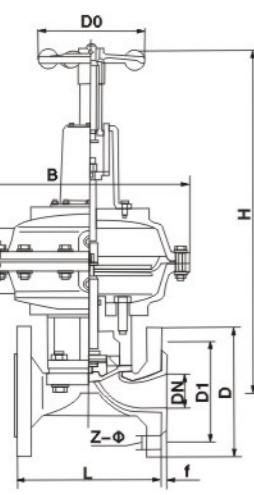
**常闭型气动隔膜阀的外形尺寸和重量**  
Normally closed pneumatic diaphragm valve dimensions and weight

代号Code	ES61	ES62	ES63	ES64	ES65	ES66
D <sub>0</sub> ▷	120	165	165	280	310	483
B▷	168	260	318	425	549	749
DN	H Kg	H Kg	H Kg	H Kg	H Kg	H Kg
20	390 11					
25	391 11.4	452 23.4				
32	413 13.4	474 24.6				
40	418 15.7	478 29.9				
50	449 19.2	487 30	620 39.7			
65		503 32.7	636 45.2			
80		512 43.9	645 51.7	780 88.5		
100		549 53.4	686 61.7	819 99	918 175	
125			702 69.2	835 110	940 183.2	
150				898 119.2	998 210	1153 324
200						1231 407
250						1297 475



**常开型气动隔膜阀的外形尺寸和重量**  
Normally opened pneumatic diaphragm valve dimensions and weight

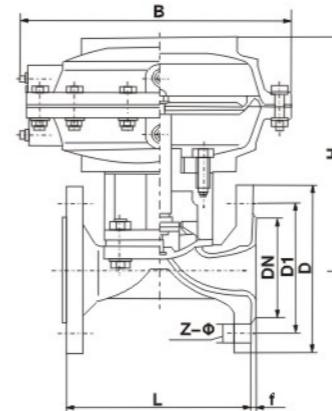
代号Code	ES67	ES68	ES69	ES70	ES71	ES72	ES73
D <sub>0</sub> ▷		140	140	165	280	280	483
B▷		168	260	318	425	549	749
DN	H Kg	H Kg	H Kg	H Kg	H Kg	H Kg	H Kg
20	149 3.5	266 7					
25	153 4.5	358 9.5	404 16.1				
32		374 12	424 19.6				
40		388 13	434 19.9				
50		411 17	534 22.6	579 28.2			
65			550 29.1	595 33.7			
80			573 35.6	604 39.5	772 63		
100			600 44.6	644 51	810 74.3	883 164.8	
125				662 59	829 81.8	953 181	
150					889 108.8	1027 223.8	
200						1267 284	
250						1333 353	



**往复型气动隔膜阀的外形尺寸和重量**  
Reciprocating pneumatic diaphragm valve dimensions and weight

代号Code	ES53	ES54	ES55	ES56	ES57	ES58
D <sub>0</sub> ▷		140	140	165	280	280
B▷		168	260	318	425	549
DN	H Kg	H Kg	H Kg	H Kg	H Kg	H Kg
20	155 3.5	249 7				
25	159 4.5	347 8	404 13			
32		363 10	424 16.5			
40		377 13	434 16			
50		400 15.5	440 19	568 23.5		
65			456 25	583 31.5		
80			479 29.5	596 44	784 55	
100			507 37	637 44.5	822 72	
125				665 54	847 80	906 152
150					901 101	930 175
200						998 217.5

## 气动隔膜阀 Pneumatic diaphragm valve



**往复(不带手操)型气动隔膜阀的外形尺寸和重量**  
Reciprocating (without manual operator) pneumatic diaphragm valve dimensions and weight

代号Code	ES53	ES54	ES55	ES56	ES57	ES58
B▷			168	260	318	425
DN	H Kg	H Kg	H Kg	H Kg	H Kg	H Kg
20	138 3	141 4.5				
25	142 4	145 6	205 11			
32			153 8	213 13.5		
40			169 11	229 14		
50			178 13.5	238 17	258 20.5	
65				253 22.5	273 27.5	
80				266 28.5	286 34	326 45
100				302 37	322 41.5	362 62
125					337 49	377 70.5
150						401 121
200						441 76.5
						471 122.5
						544 207.5

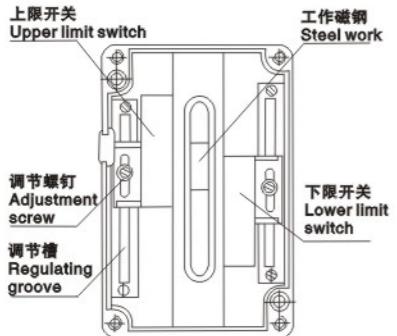
**气动装置在不同通径阀门上的耗气量及接头尺寸**

Pneumatic devices and fittings air consumption on different size diameter of the valve

公称通径 DN (mm)	ES53 ES60 ES67		ES54 ES61 ES68		ES62		ES55 ES69		ES63		ES56 ES70		ES64		ES57 ES71		ES65		ES58 ES72		ES66		ES73	
	in³	cm³	in³	cm³	in³	cm³	in³	cm³	in³	cm³	in³	cm³	in³	cm³	in³	cm³	in³	cm³	in³	cm³	in³	cm³	in³	cm³
20	2.2	36.05	10	163.87																				
25	2.5	40.97	12	196.65	70	1147.1	70	1147.1																
32			14	229.4	83	1360.1	74	1212.6																
40			16	262.19	87	1425.7	89	1458.4																
50			20	327.74	91	1491.2	85	1392.9	176	2884.1	193	3262.7												
65									96	1573.5	90	1474.8	186	3047.9	204	3342.9								
80									102	1671.5	97	1589.5	198	3244.7	215	3523.7	405	6636.7	405	6636.7				
100																								

## 反馈信号装置(直行程) Signal feedback device (straight trip)

GXF



### 结构原理及特点 Structure principle and characteristics

GXF型(直行程)反馈信号装置采用了磁控原理，具有记忆功能，且发讯可靠。开关采用全密封结构，防潮、耐腐蚀，性能优异。

GXF type (direct travel) feedback signal device uses the magnetic control principle, with memory function, and reliable. Switch with full seal structure, moisture, corrosion resistance, excellent performance.

### 技术指标 Technical Specifications

- 1、接触电阻≤0.2欧姆
- 2、绝缘电阻≥10兆欧
- 3、接触容量
  - 1, the ohmic contact resistance ≤0.2
  - 2, the insulation resistance ≥10 megohms
  - 3, the contact capacity

代号及触点形式 Code and contact form	DK: 一副常开触点 one normally open contact	SK: 二副常开触点 Two normally open contacts	DZ: 一对转换型触点 One pair of transformational contacts	SB: 二对转换型触点 Two pairs of transformational contacts
额定电压 Rated voltage	AC 200V DC 200V		AD 100V DC 100V	
最大开关电流(阻性负载) Maximum switching current (resistive load)	1A		0.25	
最大功率 Maximum power	25W		3W	

### 连接示意图 Connection diagram

代号及触点形式 Code and contact form	DK: 一副常开触点 one normally open contact	SK: 二副常开触点 Two normally open contacts	DZ: 一对转换型触点 One pair of transformational contacts	SB: 二对转换型触点 Two pairs of transformational contacts
上限开关 Upper limit switch				
下限开关 Limit switch				

注：1、XF系列反馈信号装置内的限位开关的最大开关电源及额定电压，均指在阻性负载的情况下得容许值。  
2、对电感性负载，例如电动机、电磁阀、继电器等在触点断开的瞬间会有数倍的高压产生，这种高感应电压可能会损害开关或明显地降低开关的使用寿命，因此建议采用保护电路，例如阻容（吸收）电路，钳位二极管电路。

3、对电容性负载，例如电容器、白炽灯或长电缆在接通的瞬间，触点将受到大浪涌电流的冲击，因此建议采用浪涌抑制器或限流电阻保护电路，或提出由本厂有特殊要求的反馈信息号装置。

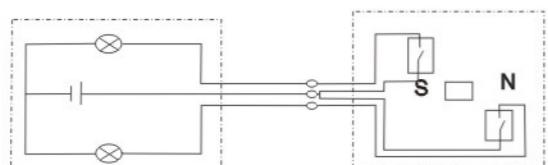
Note: 1, XF series signal feedback device within the maximum limit switch switching power supply and the rated voltage, refer to the allowable value in the case of resistive load under.

2, the contact is opened at the moment there will be multiple high pressure inductive load, for example, motors, solenoids, relays, and other produce, such a high induced voltage may damage the switch or significantly reduce the life of the switch, and therefore recommended protection circuit, for example, RC (absorption) circuit, a clamp diode circuit.

3, capacitive load, for example capacitors, incandescent or long cable in an instant turned contacts will be affected large inrush current, it is recommended that the use of a surge suppressor or limiting resistor protection circuit, or by the factory there are special requirements of feedback information number means.

### 如图接线(在现场调试也可直接与由控制室引出的电缆线相接)

As shown wiring (in site commissioning can also be directly in contact with the control room cable wire)



校验装置 Calibration device

R= $\frac{U}{10(1-\frac{50}{U})}$	感性负载保护电路 Inductive load protection circuit		容性负载保护电路 Capacitive load protection circuit	
	阻容电路 Resistance capacitance circuit	阻钳位二级管路线 Stop clamp two level pipe line	阻容电路 Resistance capacitance circuit	阻钳位二级管路线 Stop clamp two level pipe line

ZPQ

## 阀门定位器(气-气定位器) Positioner (gas - gas locator)

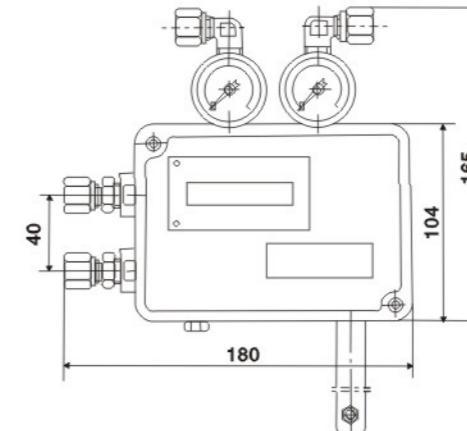
阀门定位器与气动阀门配套使用可实现流量调节。  
Valve positioner supporting the use of pneumatic valves can achieve flow adjustment.

### 气-气定位器原理 Gas - gas locator principle

把气动调节器输出的0.02-0.10MPa的气动模拟信号，输入到定位器，转换成气动操作信号来控制气动阀门动作，同时根据气动阀门的位移进行反馈，使阀门的位置能够按调节器输出的模拟信号进行正确定位。

The pneumatic analog signal output 0.02-0.10MPa pneumatic regulator, the input to the positioner, converted into a pneumatic signal to control the operation of pneumatic valve operation, while according to the displacement of the pneumatic valve feedback, so that the position of the valve can be output by the regulator analog signal correctly positioned.

### ZPQ型气定位器外形图 ZPQ type pneumatic positioner Dimensions



### 气-气定位器技术参数 Gas - gas locator technical parameters

制造商 Manufacturers		光辉自仪厂 Brilliant self Instrument Factory			
参数 Parameters	型号 Model	ZPQ-A(直线型 Straight line type)		ZPQ-B(回转型 Rotary type)	
内容 Contents		单作用 Single-acting	双作用 Double-acting	单作用 Single-acting	双作用 Double-acting
输出信号 output signal				0.02~0.1MPa	
气源压力 Air pressure				0.14~0.6MPa	
行程 Trip		10~100mm		0~90°	
接管 Take over				φ 6x1	
环境温度 Ambient temperature				-25~+55°C	
相对湿度 Relative humidity				≤95%	
基本温差 Basic temperature difference		1.5%		2.5%	
回差 Backlash		1.5%		2.5%	
耗气量 Air Consumption		1.5m³/h	3.6m³/h	1.5m³/h	3.6m³/h
材料 Material		铝合金 Aluminium alloy			
重量 Weight		1.5			

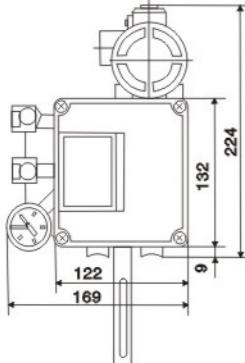
## 阀门定位器(电-气定位器) Positioner (electric - gas locator)

阀门定位器与气动阀门配套使用可实现流量调节。  
Valve positioner and pneumatic valve supporting the use of flow regulation.

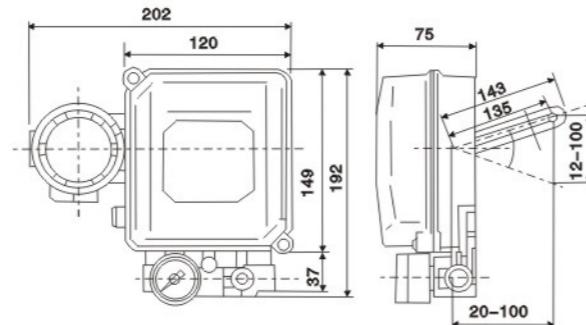
### 电-气定位器原理 Electro pneumatic positioner

把调节器的直流信号转换成气压控制气动阀门动作，同时根据气动阀门的位移进行反馈，使阀门的位置能够按调节器输出的控制信号进行正确定位。

The regulator's direct current signal is converted to gas pressure to control the pneumatic valve operation, and according to the displacement of the pneumatic valve to feedback, so that the valve position can be adjusted according to the control signal output.



YT1000L型电-气定位器外形尺寸  
YT1000L type electro pneumatic positioner



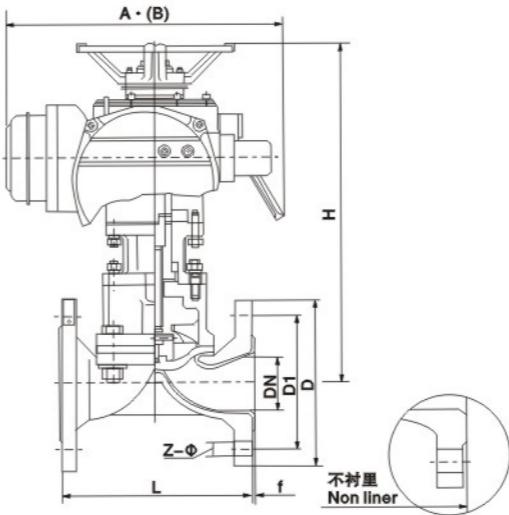
E-EPA801型电-气定位器外形图  
E-EPA801 type electro pneumatic positioner

### 气-气定位器技术参数 Gas and gas locator technical parameters

制造商 Manufacturer	光辉自仪厂 Light from the instrument factory									
	YT1000L(直线型 Straight)		YT1000L(回转型 Rotary)		E/P(直线型 Straight)		E/P(回转型 Rotary)			
参数 Parameter	型号 Model	单作用 Single-acting	双作用 Double-acting	单作用 Single-acting	双作用 Double-acting	单作用 Single-acting	双作用 Double-acting			
输入信号 Input signal	4~20mA DC below 24V				4~20mA.D.C					
电阻 Resistance	250±15Ω				250±5%(20℃时)					
供气压力 Supply pressure	1.4~7kgf/cm²(20~100psig)				0.14~0.7MPa					
行程 Itinerary	10~150mm	0~90°		12~100mm	0~90°					
导管接口 Catheter Interface	PT(NPT)1/4				RC1/4					
压力表接口 Pressure gauge connection	PT(NPT)1/8				RC1/8					
导管 Catheter	PF1/2				G1/2					
防爆等级 Explosion levels	Exia II Bt6 Exdm II Bt6				Exia II Bt4					
防护等级 Protection class	IP66				IP55					
环境温度 Ambient temperature	-20℃~70℃				-20℃~80℃					
线性度 Linearity	±1%	±2%		±1.0%	±1.5%	±1.0%	±1.5%			
滞后度 Hysteresis	1%		0.5%	0.8%	0.5%	0.8%				
灵敏度 Sensitivity	±0.2%	±0.5%		0.1%	0.2%	0.1%	0.2%			
重复性 Repeatability	±0.5%		0.2%	0.3%	0.2%	0.3%				
空气消耗量 Air consumption	3LPM(Sup=20spi)		☆5NL/min	☆15NL/min	☆5NL/min	☆15NL/min				
流量 Flow	80LPM(Sup=20spi)		☆175NL/min	☆400NL/min	☆175NL/min	☆400NL/min				
材料 Material	铸铝 Aluminum				铝合金 Aluminum					
重量 Weight	2.8kg(Approx)				2.4kg					

★供气压：但作用为0.14MPa，双作用为0.4 ★ for pressure: but the role is 0.14MPa, double-acting 0.4

## 电动衬氟隔膜阀 Electric lined diaphragm valve



### 主要性能规范 Main performance specification

适用温度 Applicable temperature	适用介质 Applicable medium
≤85℃	一般腐蚀性介质 General corrosive media

\*此为本公司基型产品适用温度，如有不同要求请参阅P9、10表3、5进行选择。  
This is the company based product application temperature, if there are different requirements, please refer to the P9, 10 Table 3, 5 for selection.

### 主要零件材料 Main parts material

零件名称 Part name	材料 Material
阀体 Body	灰铸铁、不锈钢、灰铸铁衬胶 Gray iron, stainless steel, gray cast iron / rubber lined
阀盖 Bonnet	灰铸铁 Gray cast iron
阀瓣 Disc	灰铸铁 Gray cast iron
手轮 Handwheel	组合键 Combined key
隔膜 Diaphragm	天然胶、丁基胶、氟塑料等 Natural rubber, butyl rubber, fluorine plastic, etc.
阀杆 Stem	碳钢 Carbon steel

### 主要外形尺寸和连接尺寸 Main dimensions and connection dimensions

公称通径 Nominal diameter (DN)	公称压力 Pressure rating (MPa)	工作压力 Working pressure (MPa)	L	D	D1	Z-φ	f	H	A (长 Long)	B (宽 Wide)	重量 Weight (Kg)
20	1.6	1.6	117	105	75	4-14	2	320	395	268	32
25			127	115	85	4-14	2	33			
32			146	140	100	4-18	2	348			
40			159	150	110	4-18	2	366			
50			190	165	125	4-18	2	366			
65	1.0	1.0	216	185	145	4-18	2	435	526	425	67
80			254	200	160	8-18	2	455			
100			305	220	180	8-18	2	560			
125			356	250	210	8-18	3	583			
150			406	285	240	8-22	3	647			
200	0.6	521	340	295	8-22	3	716	228.5			

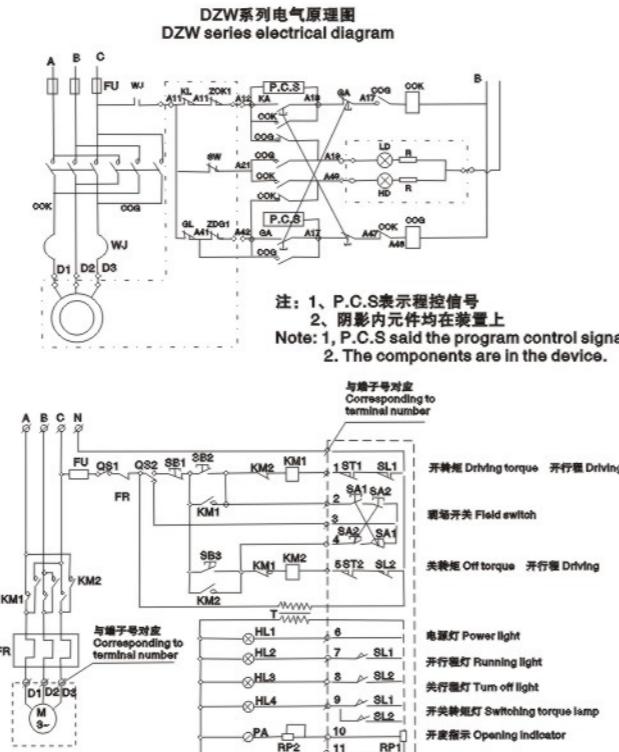
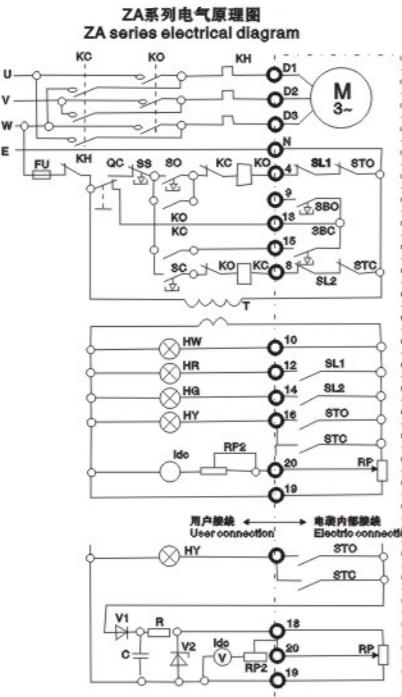
采用标准 Adopt standard  
设计与制造: BS5156; 结构长度: BS5156; 法兰尺寸BS4504, 也可按表8、表9标准制造。  
Design and manufacturing: BS5156; structure length: BS5156; flange size BS4504, also can be made according to table 8, table 9.

注: 表中H、A、B尺寸及重量为ZA型电动装置(即本厂基型产品)。Note: H, A, ZA, and B in the form of a power plant, which is the basis of the factory.

**电动装置选配 Electric equipment selection**

生产厂 Production plant	天津二通 Tianjin two		黄山良业 Mount Huangshan good industry		扬州电力设备 Yangzhou electric power equipment				
	参数 Parameter 口径 Caliber	电动装置型号 Electric device model	输出力矩 Output torque (N.m)	电机功率 Motor power (Kw)	电动装置型号 Electric device model	输出力矩 Output torque (N.m)	电机功率 Motor power (Kw)	电动装置型号 Electric device model	输出力矩 Output torque (N.m)
20	ZA1-2.5-14	25	0.06	HZ5-18	50	0.12	DZW5	50	0.12
25	ZA1-2.5-14	25	0.06	HZ5-18	50	0.12	DZW5	50	0.12
32	ZA1-2.5-14	25	0.06	HZ5-18	50	0.12	DZW5	50	0.12
40	ZA1-5-14	50	0.12	HZ5-18	50	0.12	DZW5	50	0.12
50	ZA1-5-14	50	0.12	HZ5-18	50	0.12	DZW5	50	0.12
65	ZA2-10-18	100	0.25	HZ10-18	100	0.25	DZW10	100	0.25
80	ZA2-10-18	100	0.25	HZ10-18	100	0.25	DZW10	100	0.25
100	ZA2-10-18	100	0.25	HZ10-18	100	0.25	DZW10	100	0.25
125	ZA2-15-18	150	0.37	HZ15-18	150	0.37	DZW15	150	0.37
150	ZA2-20-18	200	0.55	HZ20-18	200	0.55	DZW20	200	0.37
200	ZA2-30-18	300	0.75	HZ30-18	300	0.75	DZW30	300	0.55

注：天津二通ZA系列装置为本厂基型产品。 Note: Tianjin two - way ZA series device for the factory based products.

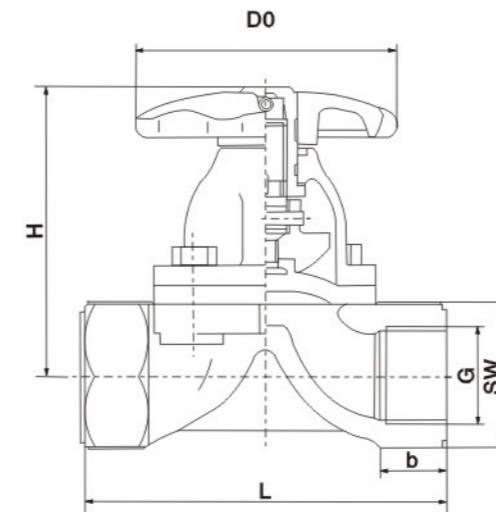


注：1、阴影内各原件均在主机内。  
2、图示为阀门在开、关之间位置，开关QC在现场位置。  
3、STO·STC正常工作时是受压状态。  
4、图下部分为稳定性系统，用户如采用，订货时请说明。  
Note: 1, the shadow of the original within the host.  
2, the icon for the valve to open and close the position between the switch QC in the field position.  
3, STC - STO normal operation is under the pressure state.  
4, the figure is part of the stability of the system, the user if the use, please specify when ordering.

注：1、阴影内各元件均在主机内。  
2、图示为阀门在开、关之间位置，开关QC在现场位置。  
3、STO·STC正常工作时是受压状态。  
Note: 1. All components within the shadow are within the host.  
2, the icon for the valve to open and close the position between the switch QC in the field position.  
3, STC - STO normal operation is under the pressure state

**主要性能规范 Main performance specification**

适用温度 Applicable temperature	适用介质 Applicable medium
≤85℃	空气, 水 Air, water



**主要零件材料 Main parts material**

零件名称 Part name	材料 Material
阀体 Body	铸铁、不锈钢、球墨铸铁 Cast iron, stainless steel, ductile iron
阀盖 Bonnet	铸铁 Cast iron
阀瓣 Disc	铸铁 Cast iron
手轮 Handwheel	铸铁 Cast iron
隔膜 Diaphragm	天然胶、乙丙胶等 Natural rubber, EPDM rubber etc.
阀杆 Stem	碳钢 Carbon steel

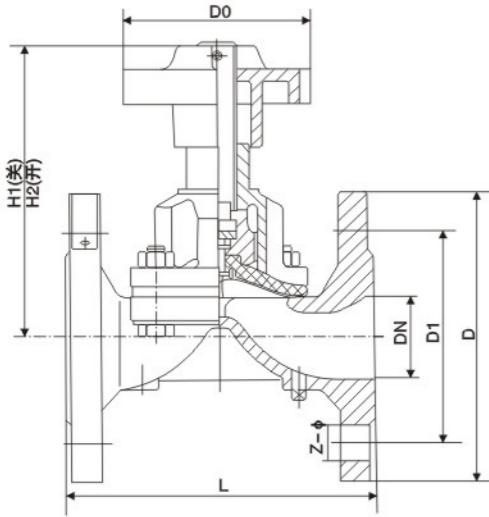
**主要外形尺寸和连接尺寸 Main dimensions and connection dimensions**

公称通径 Nominal diameter	DN G(in)	公称压力 Pressure rating (MPa)	工作压力 Working pressure (MPa)	L	SW	b	H	Do	重量 Weight (Kg)
1.6	8	1/4	1.6	50	20	-	66	45	0.6
	10	3/8		50	24	-	70	45	0.7
	15	1/2		65	38	8	95	50	0.8
	20	3/4		85	40	12	105	50	1.1
	25	1		110	48	18	122	66	1.9
	32	1 1/4		120	58	18	148	96	3.3
	40	1 1/2		140	69	18	155	96	4.2
	50	2		165	82	20	183	96	5.8
	65	2 1/2		203	90	30	188	165	9.5
	80	3		254	105	32	210	230	16.2
采用标准 Adopt standard	设计与制造: GB12239; 结构长度: GB/T15188.3(N8) Design and manufacturing: GB12239; structure length: GB/T15188.3 (N8)								



SEG41W-10(16)P

## 卫生型隔膜阀 Sanitary diaphragm valve



### 主要性能规范 Main performance specification

适用温度 Applicable temperature	适用介质 Applicable medium
≤120℃	植物油、动物油、酒类、香精、果汁、饮料和各类生化试剂等。 Vegetable oil, animal oil, alcohol, essence, fruit juice, beverage and all kinds of biochemical reagents, etc..

### 主要零件材料 Main parts material

零件名称 Part name	材料 Material
阀体 Body	不锈钢 Stainless steel
阀盖 Bonnet	铸铁、不锈钢 Cast iron, stainless steel
阀瓣 Disc	铸铁、不锈钢 Cast iron, stainless steel
手轮 Handwheel	铸铁、不锈钢 Cast iron, stainless steel
食品级隔膜 Food grade separator	天然胶、丁基胶、氟塑料、丁腈胶、三元乙丙胶等 Natural rubber, butyl rubber, fluorine plastic, nitrile rubber, EPDM rubber and other three yuan
阀杆 Stem	不锈钢 Stainless steel

### 主要外形尺寸和连接尺寸 Main dimensions and connection dimensions

公称通径 Nominal diameter (DN)	公称压力 Pressure rating (MPa)	工作压力 Working pressure (MPa)	L	D	D1	Z-φd	H1	H2	D0	重量 Weight (Kg)
15	1.6	1.6	107	95	65	4-14	90	99	75	2
20			117	105	75	4-14	93	103	75	3
25			127	115	85	4-14	100	112	85	4
32			146	140	100	4-18	127	144	120	6.5
40			159	150	110	4-18	136	156	120	7.5
50			190	165	125	4-18	151	177	120	10.5
65	1.0	1.0	216	185	145	4-18	183	213	165	17.5
80			254	200	160	8-18	198	273	230	25.5
100			305	220	180	8-18	266	320	280	36
125			356	250	210	8-18	319	386	280	47.5
150			406	285	240	8-22	380	453	368	74
200			0.6	521	340	8-22	506	626	483	143
采用标准 Adopt standard	设计与制造: GB12239、Q/JBGN10-2000; 结构长度: BS5156; 法兰连接尺寸: GB9113 Design and manufacture: GB12239, Q/JBGN10-2000, structure length: BS5156, flange connection size: GB9113									

SKEG-PN6~16

## 系列生物的抗菌隔膜阀 Series biological antibacterial diaphragm valve



### 结构特点和作用原理 Structure characteristics and function principle

- SKEG型系列生物抗菌隔膜阀主要适用于制药、食品、生物工程等行业。
  - 阀体内表面采用抛光处理，表面粗糙度最早可达到0.4-0.2um。且流道呈线性结构，内腔无死角，不积垢、易清洗、从根本上杜绝了细菌的繁殖，符合生物工程要求。
  - 隔膜材质符合生物抗菌要求，耐热橡胶可达150℃。
  - 本阀是依据旋转手轮带动隔膜的上升、下降，以达到开启、关闭阀门的作用，阀盖上部标有显示开度的指示色标，以避免误操。
  - 本系列阀门可配装气动、电动装置。
- 1, SKEG series of biological antibacterial diaphragm valve is mainly used in pharmaceutical, food, biological engineering and other industries.  
2, valve body surface using polishing treatment, the surface roughness can reach 0.4-0.2um. And the flow channel is a linear structure, no dead cavity, no fouling, easy to clean, fundamentally put an end to the breeding of bacteria, conform to the requirements of the biological engineering.  
3, diaphragm material in line with the requirements of biological antibacterial, heat resistance rubber can reach 150.  
4, the valve is based on the rotating wheel to drive the diaphragm of rise and fall, in order to achieve the role of opening and closing the valve. The upper part of the valve cover marked display on an indicator of the level of color, in order to avoid misoperation.  
5, this series of valves can be equipped with pneumatic, electric device.

### 主要零件材料 Main parts material

零件名称 Part name	材料 Material
阀体 Body	CF3、CF3M、CF8、CF8M
阀盖 Bonnet	CF3、CF3M、CF8、CF8M、HT200
阀瓣 Disc	CF3、CF3 M、CF8、CF8M、HT200
阀杆 Stem	304、316、316L、QA19-2
隔膜 Diaphragm	氟橡胶、氟塑料 Fluorine rubber, fluorine plastic
手轮 Handwheel	ABS(黑色)、CF8、HT200

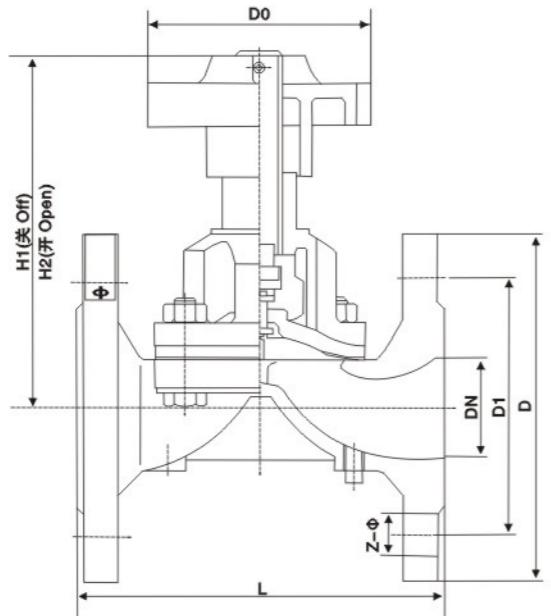
### 主要技术参数 Main technical parameters

公称压力PN(MPa) Nominal pressure	0.6	1.0	1.6
工作压力WP(MPa) Working pressure	0.6	1.0	1.6
密封试验压力(MPa) Seal test pressure	0.66	1.1	1.76
强度试验压力(MPa) Strength test pressure	0.9	1.5	2.4
试验温度(℃) Test temperature	常温 Normal atmospheric temperature	常温 Normal atmospheric temperature	常温 Normal atmospheric temperature
工作介质 Working medium	生物医药、食品饮料等 Biological medicine, food and beverage, etc.		
试验介质 Test medium	水 Water		



SKEG41W-6P、10P、16P

**生物抗菌隔膜阀(法兰式)**  
Biological antibacterial diaphragm valve (flange type)



主要外形尺寸和连接尺寸 Main dimensions and connection dimensions

公称通径 Nominal diameter	公称压力 Pressure rating	工作压力 Working pressure	L	D	D1	Z-Φ	f	H	H1	Do	重量 Weight (Kg)
15	1.6	1.6	108	95	65	4-14	2.5	90	99	66	2
20			117	105	75	4-14	2.5	93	103	66	3
25			127	115	85	4-14	2.5	100	112	66	4
32			146	140	100	4-18	2.5	127	144	96	6.5
40			159	150	110	4-18	3	136	156	96	7.5
50			190	165	125	4-18	3	151	177	118	10.5
65	1.0	1.0	216	185	145	4-18	3	183	213	165	17.5
80			254	200	160	8-18	3	198	273	230	25.5
100			305	220	180	8-18	3.5	266	320	280	36
125			356	250	210	8-18	3.5	319	386	280	47.5
150			406	285	240	8-22	3.5	380	453	368	74
200	0.6	0.6	521	340	295	8-22	4	506	626	400	143
采用标准 Adopt standard	设计与制造: BS EN13397:2002; 结构长度: BS EN13397:2002; 法兰连接: BS EN1092-1:2002 Design and manufacturing:BS EN13397:2002; structure length:BS EN13397:2002; flange connection:BS EN1092-1:2002										

EG46W/J-10

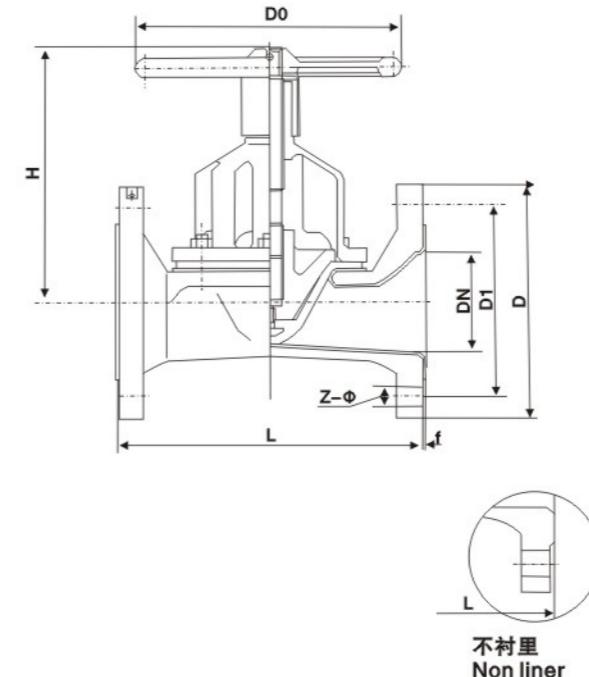
**直通式隔膜阀/直通式衬胶隔膜阀**  
Straight through diaphragm valve / straight through type lining rubber diaphragm valve



## 主要性能规范 Main performance specification

适用温度 Applicable temperature	适用介质 Applicable medium
≤85℃	一般腐蚀性介质 General corrosive media

\*此为本公司基型产品适用温度，如有不同要求请参阅P9、10表3、5进行选择。  
This is the company based product application temperature, if there are different requirements, please refer to the P9, 10 Table 3, 5 for selection.



## 主要零件材料 Main parts material

零件名称 Part name	材料 Material
阀体 Body	球铁、铸铁、铸钢/衬胶 Ductile iron, cast iron, cast steel, cast iron
阀盖 Bonnet	铸铁 Cast iron
阀瓣 Disc	铸铁 Cast iron
手轮 Handwheel	铸铁 Cast iron
隔膜 Diaphragm	天然胶、丁基胶等 Natural rubber, butyl rubber, etc.
阀杆 Stem	碳钢 Carbon steel

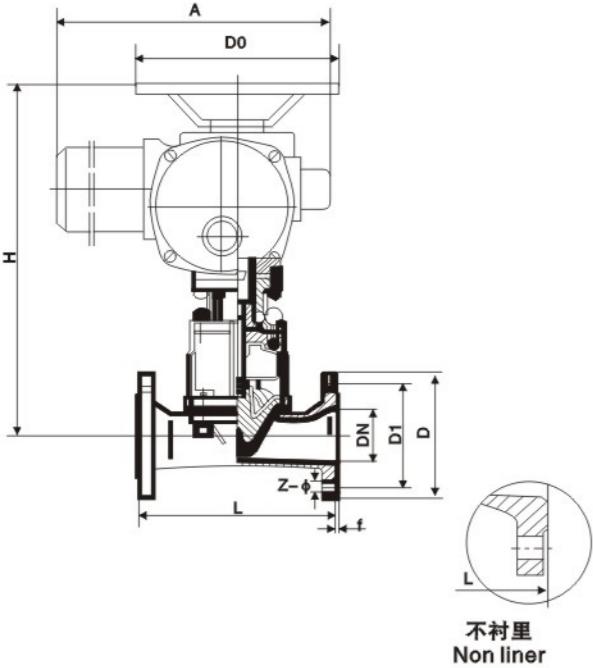
主要外形尺寸和连接尺寸 Main dimensions and connection dimensions

公称通径 Nominal diameter	公称压力 Pressure rating	工作压力 Working pressure	L	D	D1	Z-Φ	f	H	Do	重量 Weight (Kg)
20	1.0	1.0	117	105	75	4-14	2	140	120	3.2
25			127	115	85	4-14	2	146	120	3.5
32			146	140	100	4-18	2	152	120	5
40			159	150	110	4-18	2	152	120	6
50			190	165	125	4-18	2	163	120	8.5
65			216	185	145	4-18	2	205	230	16
80			254	200	160	8-18	2	220	230	22
100			305	220	180	8-18	2	262	280	32
125			356	250	210	8-18	3	290	280	43.5
150			406	285	240	8-22	3	368	368	65
200	0.6	0.4	521	340	295	8-22	3	410	368	112.5
300			636	395	350	12-22	3	559	483	192.5
采用标准 Adopt standard	设计与制造: GB12239; 结构长度: BS5156; 法兰连接: BS4504, 也可按表8、表9标准生产 Design and manufacturing: GB12239; structure length: BS5156; flange connection: BS4504, also can be according to table 8, table 9 standard production									



EG946W/J-PN10

**电动直通式隔膜阀/电动直通式衬胶隔膜阀**  
**Electric diaphragm type diaphragm valve and electric straight through type lining rubber diaphragm valve**

**主要性能规范 Main performance specification**

适用温度 Applicable temperature	适用介质 Applicable medium
≤85℃	一般腐蚀性介质 General corrosive media

※此为本公司基型产品适用温度，如有不同要求请参阅P9、10表3、5进行选择。  
This is the company based product application temperature, if there are different requirements, please refer to the P9, 10 table 3, 5 for selection.

**主要零件材料 Main parts material**

零件名称 Part name	材料 Material
阀体 Body	铸铁、不锈钢、铸铁/衬胶 Cast iron, stainless steel, cast iron, cast iron
阀盖 Bonnet	铸铁 Cast iron
阀瓣 Disc	铸铁 Cast iron
手轮 Handwheel	天然胶、丁基胶等 Natural rubber, butyl rubber, etc.
隔膜 Diaphragm	碳钢 Carbon steel
阀杆 Stem	※组合件 Composite parts

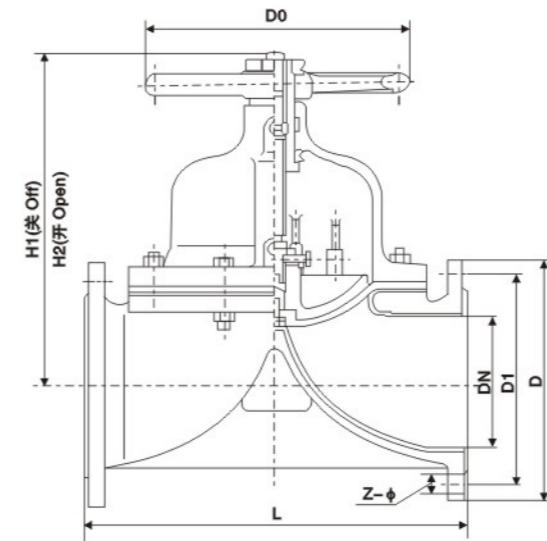
※电动装置配天二通ZA型 Electric device with days of two-ZA type

**主要外形尺寸和连接尺寸 Main dimensions and connection dimensions**

公称通径 Nominal diameter (DN)	公称压力 Pressure rating (MPa)	工作压力 Working pressure (MPa)	L	D	D1	Z-φ	f	H	A	D0	重量 Weight (Kg)	mm
20	1.0	1.0	117	105	78	4-14	2	340	531	220	18	
25			127	115	85	4-14	2	416	531	220	18.5	
32			146	140	100	4-18	2	416	531	-	69	
40			159	150	110	4-18	2	423	531	-	70	
50			190	165	125	4-18	2	429	531	-	72.5	
65			216	184	145	4-18	2	509	552	305	80	
80			254	200	160	8-18	2	554	552	305	86	
100			305	220	180	8-18	2	556	552	305	96	
采用标准 Adopt standard	设计与制造: GB12239; 结构长度: BS5156; 法兰连接: BS4504, 也可按表8、表9标准生产 Design and manufacture: GB12239; length of the structure: BS5156; flange connection: BS4504, also according to Tables 8 and 9 standards											

G41W/J-PN6(10)

**隔膜阀/衬胶隔膜阀**  
**Diaphragm valve / lined diaphragm valve**

**主要性能规范 Main performance specification**

适用温度 Applicable temperature	适用介质 Applicable medium
≤85℃	一般腐蚀性介质 General corrosive media

※此为本公司基型产品适用温度，如有不同要求请参阅P9、10表3、5进行选择。  
This is the company based product application temperature, if there are different requirements, please refer to the P9, 10 Table 3, 5 for selection.

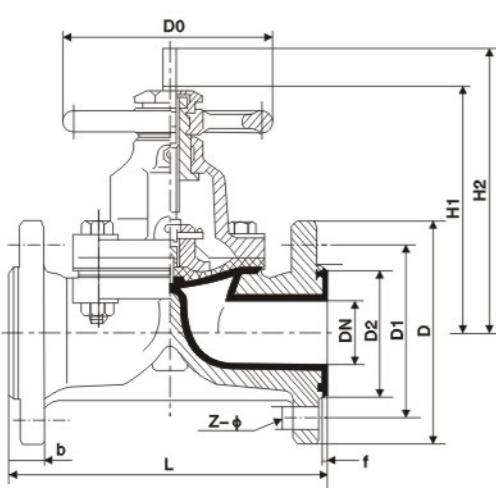
**主要零件材料 Main parts material**

零件名称 Part name	材料 Material
阀体 Body	铸铁、铸铁、衬胶、氟塑料 Cast iron, cast iron, rubber lined, fluorine plastic
阀盖 Bonnet	铸铁、铸钢 Cast iron, cast steel
阀瓣 Disc	铸铁、铸钢 Cast iron, cast steel
手轮 Handwheel	铸铁、铸钢 Cast iron, cast steel
隔膜 Diaphragm	天然胶、丁基胶等 Natural rubber, butyl rubber, etc.
阀杆 Stem	碳钢 Carbon steel

**主要外形尺寸和连接尺寸 Main dimensions and connection dimensions**

公称通径 Nominal diameter (DN)	公称压力 Pressure rating (MPa)	工作压力 Working pressure (MPa)	L	D	D1	Z-φ	f	H	B	D0	重量 Weight (Kg)	mm
25	1.0	0.4	145	115	85	4-14	100	112	85	4.5		
32			160	135	100	4-18	127	144	120	7		
40			180	145	110	4-18	136	156	120	9		
50			210	160	125	4-18	151	177	120	12.5		
65			250	180	145	4-18	183	213	165	19		
80			300	195	160	4-18	198	273	230	25.5		
100			350	215	180	8-18	266	320	280	40		
125			400	245	210	8-18	319	386	280	62		
150			460	280	240	8-23	380	453	368	80.5		
200			570	335	295	8-23	506	626	400	146		
250			680	390	350	12-23	598	734	500	240		
300			790	440	400	12-23	698	778	560	334		
350			900	500	460	16-23	723	883	560	371		
400			1000	565	515	16-25	868	1078	640	584		
采用标准 Adopt standard	设计与制造: GB12239; 结构长度: JB1668; 法兰连接: JB78(PN1.0MPa) Design and manufacture: GB12239; length of the structure: JB1668; flange connection: JB78 (PN1.0MPa)											

**衬氟塑料隔膜阀**  
**Fluorine plastic diaphragm valve**

**主要性能规范 Main performance specification**

适用温度 Applicable temperature	适用介质 Applicable medium
≤120℃	强酸、碱及各类有机溶剂 Strong acid, alkali and organic solvents

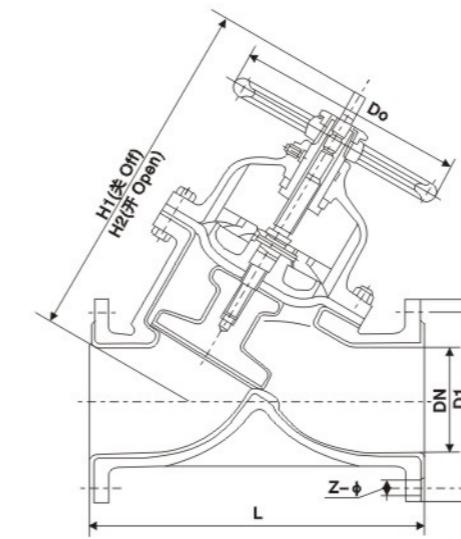
**主要零件材料 Main parts material**

零件名称 Part name	材料 Material
阀体 Body	铸钢、氟塑料 Cast steel, fluorine plastic
阀盖 Bonnet	铸钢 Cast steel
阀瓣 Disc	铸钢 Cast steel
手轮 Handwheel	铸钢 Cast steel
隔膜 Diaphragm	氟塑料/橡胶 Fluorine plastic / rubber
阀杆 Stem	碳钢 Carbon steel

**主要外形尺寸和连接尺寸 Main dimensions and connection dimensions**

公称通径 Nominal diameter (DN)	公称压力 Pressure rating (MPa)	工作压力 Working pressure (MPa)	L	D	D1	Z-φ	H1	H2	D0	重量 Weight (Kg)	mm
15	0.6	1.6	125	95	65	4-14	90	97	60	4	
20			135	105	75	4-14	95	104	70	4.5	
25			145	115	85	4-14	125	139	120	5	
32			160	135	100	4-18	136	154	120	7.5	
40			180	145	110	4-18	163	183	140	9.5	
50			210	160	125	4-18	175	201	140	14	
65			250	180	145	4-18	215	249	200	22.5	
80			300	195	160	4-18	230	270	200	27.5	
100			350	215	180	8-18	282	334	280	40	
125			400	245	210	8-18	340	408	320	66	
150			460	280	240	8-22	382	462	320	95	
200			570	335	295	8-22	509	629	400	162.5	
250			680	390	350	12-22	610	746	500	260	
采用标准 Adopt standard	设计与制造: GB12239; 结构长度: JB1688; 法兰连接: JB78(PN1.0MPa) Design and manufacturing: GB12239; structure length: JB1688; flange connection: JB78 (PN1.0MPa)										

**直流式衬胶隔膜阀**  
**Direct current type lined diaphragm valve**

**主要性能规范 Main performance specification**

适用温度 Applicable temperature	适用介质 Applicable medium
≤85℃	一般腐蚀性介质 General corrosive media

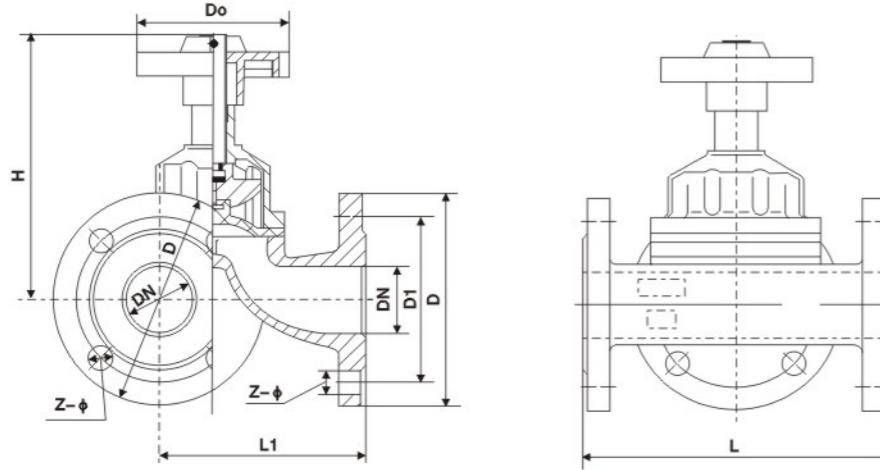
\*此为本公司基型产品适用温度，如有不同要求请参阅P9、10表3、5进行选择。  
This is the company based product application temperature, if there are different requirements, please refer to the P9, 10 Table 3, 5 for selection.

**主要零件材料 Main parts material**

零件名称 Part name	材料 Material
阀体 Body	铸铁/衬胶 Cast iron / liner
阀盖 Bonnet	铸铁 Cast iron
阀瓣 Disc	铸铁 Cast iron
手轮 Handwheel	铸铁 Cast iron
隔膜 Diaphragm	天然胶、丁基胶等 Natural rubber, butyl rubber, etc.
阀杆 Stem	碳钢 Carbon steel

**主要外形尺寸和连接尺寸 Main dimensions and connection dimensions**

公称通径 Nominal diameter (DN)	公称压力 Pressure rating (MPa)	工作压力 Working pressure (MPa)	L	D	D1	Z-φ	H	B	D0	重量 Weight (Kg)	mm
50	0.6	0.6	210	160	125	4-18	213	229	140	14	
65			250	180	145	4-18	255	279	200	20	
80			300	195	160	4-18	281	305	200	29	
100			350	215	180	8-18	332	362	280	42	
125			400	245	210	8-18	402	442	320	61	
150			460	280	240	8-23	450	496	320	49.5	
200			570	335	295	8-23	594	654	400	150	
250			680	390	350	12-23	695	771	500	236.5	
采用标准 Adopt standard	设计与制造: GB12239; 结构长度: JB1688; 法兰连接: JB78(PN1.0MPa) Design and manufacturing: GB12239; structure length: JB1688; flange connection: JB78 (PN1.0MPa)										

**主要性能规范 Main performance specification**

适用温度 Applicable temperature	适用介质 Applicable medium
≤85°C	一般腐蚀性介质 General corrosive media

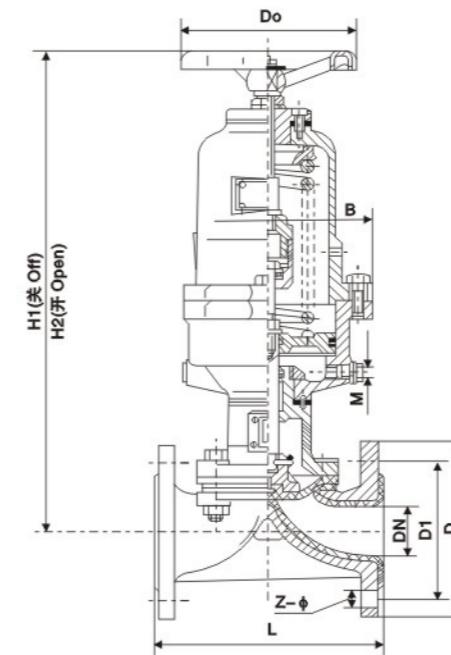
※此为我公司基型产品使用温度，如有不同要求请参阅P10表5进行选择。  
 This is my company based products temperature, if different requirements,  
 please refer to Table 5 to select P10.

**主要零件材料 Main parts material**

零件名称 Part name	材料 Material
阀体 Body	铸铁、不锈钢 Cast iron, stainless steel
阀盖 Bonnet	铸铁 Cast iron
阀瓣 Disc	铸铁 Cast iron
手轮 Handwheel	铸铁 Cast iron
隔膜 Diaphragm	天然胶、丁基胶等 Natural rubber, butyl rubber, etc.
阀杆 Stem	碳钢 Carbon steel

**主要外形尺寸和连接尺寸 Main dimensions and connection dimensions**

公称通径 Nominal diameter (DN)	公称压力 Pressure rating (MPa)	工作压力 Working pressure (MPa)	L	L1	D	D1	Z-φ	H	Do	重量 Weight (Kg)
25	1.0	1.0	160	95	115	85	4-14	116	85	5.5
32			180	118	135	100	4-18	153	120	8.5
40			200	135	145	110	4-18	167	120	12.5
50			230	150	160	125	4-18	198	120	17
65			290	182	180	145	4-18	234	165	24.5
80			310	210	195	160	4-18	258	230	33.5
100			350	245	220	180	8-18	329	280	37.5
采用标准 Adopt standard	设计与制造: GB12239; 结构长度: GB12221(系列1); 法兰连接: GB/T17421.6(PN1.0MPa) Design and manufacture: GB12239; Structure length: GB12221 (Series 1); flange connection: GB/T17421.6 (PN1.0MPa)									

**主要性能规范 Main performance specification**

适用温度 Applicable temperature	适用介质 Applicable medium
≤85°C	一般腐蚀性介质 General corrosive media

※此为本公司基型产品适用温度，如有不同要求请参阅P9、10表3、5进行选择。  
 This is the company based product application temperature, if there are different requirements, please refer to the P9, 10 table 3, 5 for selection.

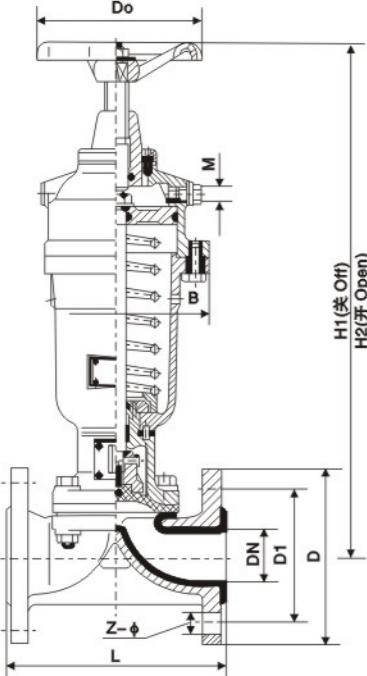
**主要零件材料 Main parts material**

零件名称 Part name	材料 Material
阀体 Body	铸铁、铸铁/衬胶 Cast iron, cast iron / rubber lining
阀盖 Bonnet	铸铁 Cast iron
气缸盖 Cylinder head	铸铁 Cast iron
弹簧 Spring	弹簧钢 Spring steel
螺杆 Screw	碳钢 Carbon steel
螺杆套 Screw sleeve	碳钢 Carbon steel
阀瓣 Disc	铸铁 Cast iron
手轮 Handwheel	铸铁 Cast iron
隔膜 Diaphragm	天然胶、丁基胶等 Natural rubber, butyl rubber, etc.
阀杆 Stem	碳钢 Carbon steel

**主要外形尺寸和连接尺寸 Main dimensions and connection dimensions**

公称通径 Nominal diameter (DN)	公称压力 Pressure rating (MPa)	工作压力 Working pressure (MPa)	L	D	D1	Z-φ	H1	H2	Do	B	启动装置参数 Starting device parameters			重量 Weight (Kg)
											气源压力 (MPa) Air pressure	气源接头(M) Gas source joint	耗气量(cm³/min) Air Consumption	
25	0.6	145	115	85	4-14	296	310	120	94	0.4	10x1	2.395x10²	8	
32		160	135	100	4-18	398	416	140	120	0.4	12x1.25	6.082x10²	15	
40		180	145	110	4-18	406	426	140	120	0.4	12x1.25	6.082x10²	17.5	
50		210	160	125	4-18	464	489	160	185	0.4	12x1.25	1.235x10³	26	
65		250	180	145	4-18			160		0.5			32	
80		300	195	160	4-18	645	685	200	245	0.5	16x1.5	3.725x10³	56.5	
100		350	215	180	8-18	710	760	240	330	0.5	16x1.5	9.458x10³	94.5	
125		400	245	210	8-18	832	900	320	380	0.5	20x1.5	1.409x10⁴	170	
150		460	280	240	8-22	933	1013	320	470	0.5	20x1.5	2.868x10⁴	229	
200		0.4	570	335	295	8-22	1275	1395	400	470	0.5	20x1.5	4.619x10⁴	387
采用标准 Adopt standard	设计与制造: GB12239; 结构长度: JB1688; 法兰连接: JB78(PN1.0MPa) Design and manufacturing: GB12239; structure length: JB1688; flange connection: JB78 (PN1.0MPa)													

**常开式气动隔膜阀/常开式气动衬胶隔膜阀**  
**Normally open type pneumatic diaphragm valve /**  
**normally open type pneumatic rubber lined diaphragm valve**

**主要性能规范 Main performance specification**

适用温度 Applicable temperature	适用介质 Applicable medium
≤85°C	一般腐蚀性介质 General corrosive media

\*此为本公司基型产品适用温度，如有不同要求请参阅P9、10表3、5进行选择。  
 This is the company based product application temperature, if there are different requirements, please refer to the P9, 10 table 3, 5 for selection.

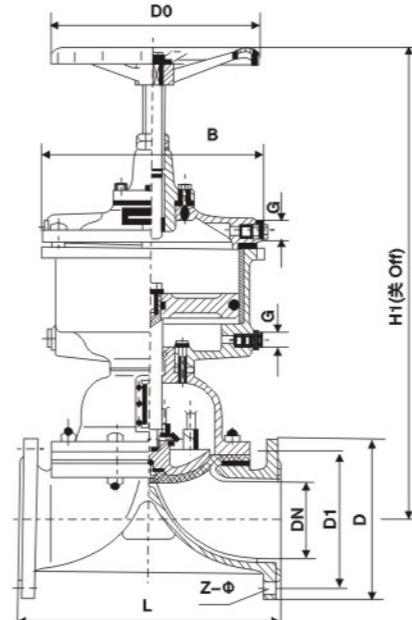
**主要零件材料 Main parts material**

零件名称 Part name	材料 Material
阀体 Body	铸铁、铸铁/衬胶 Cast iron, cast iron / rubber lining
阀盖 Bonnet	铸铁 Cast iron
气缸盖 Cylinder head	铸铁 Cast iron
弹簧 Spring	弹簧钢 Spring steel
螺杆 Screw	碳钢 Carbon steel
螺杆套 Screw sleeve	碳钢 Carbon steel
阀瓣 Disc	铸铁 Cast iron
手轮 Handwheel	铸铁 Cast iron
隔膜 Diaphragm	天然胶、丁基胶等 Natural rubber, butyl rubber, etc.
阀杆 Stem	碳钢 Carbon steel

**主要外形尺寸和连接尺寸 Main dimensions and connection dimensions mm**

公称通径 Nominal diameter (DN)	公称压力 Pressure rating (MPa)	工作压力 Working pressure (MPa)	L	D	D1	Z-Φ	H1	H2	Do	B	启动装置参数 Starting device parameters			重量 Weight (Kg)
											气源压力 (MPa) Air pressure	气源接头(M) Gas source joint	耗气量(cm³) Air Consumption	
0.6	0.6	25	145	115	85	4-14	306	320	120	94	0.4	10x1	2.395x10²	7.5
			160	135	100	4-18		140	120	0.4	12x1.25	6.082x10²	14.5	
		32	180	145	110	4-18	415	435	140	120	0.4	12x1.25	6.082x10²	16
			210	160	125	4-18	463	488	160	185	0.4	12x1.25	1.235x10³	24.5
		40	250	180	145	4-18		160			0.5			30
			300	195	160	4-18	627	667	200	245	0.5	16x1.5	3.725x10³	51.5
		50	350	215	180	8-18	719	769	240	330	0.5	16x1.5	9.458x10⁴	86.5
			400	245	210	8-18	804	872	320	380	0.5	20x1.5	1.409x10⁴	133
		65	460	280	240	8-22	920	1000	320	470	0.5	20x1.5	2.868x10⁴	196.5
			570	335	295	8-22	1145	1265	400	470	0.5	20x1.5	4.619x10⁴	279.5
		0.4	570	335	295	8-22	1145	1265	400	470	0.5	20x1.5	4.619x10⁴	279.5
			设计与制造: GB12239; 结构长度: JB1688; 法兰连接: JB78(PN1.0MPa) Design and manufacture: GB12239; length of the structure: JB1688; flange connection: JB78 (PN1.0MPa)											
			145	115	85	4-14	250	264	120	94	0.4	10x1	2.395x10²	6.5
			160	135	100	4-18					0.4	12x1.25	6.082x10²	
			180	145	110	4-18					0.4	12x1.25	6.082x10²	
			210	160	125	4-18	379	405	160	185	0.4	12x1.25	1.235x10³	25
			250	180	145	4-18					0.5			31.5
			300	195	160	4-18	483	523	200	245	0.5	16x1.5	3.725x10³	62.5
			350	215	180	8-18	565	617	240	330	0.5	16x1.5	9.458x10³	93.5
			400	245	210	8-18	664	732	320	380	0.5	20x1.5	1.409x10⁴	114
			460	280	240	8-22	750	830	320	470	0.5	20x1.5	2.868x10⁴	164
			570	335	295	8-22	930	1050	400	470	0.5	20x1.5	4.619x10⁴	249
			145	115	85	4-14	250	264	120	94	0.4	10x1	2.395x10²	605
			160	135	100	4-18					0.4	12x1.25	6.082x10²	
			180	145	110	4-18					0.4	12x1.25	6.082x10²	
			210	160	125	4-18	379	405	160	223	0.4	12x1.25	2.467x10³	25.5
			250	180	145	4-18					0.4			31.5
			300	195	160	4-18	483	523	240	330	0.5	16x1.5	8.759x10³	63.5
			350	215	180	8-18	565	617	280	380	0.5	20x1.5	1.609x10⁴	93.5
			400	245	210	8-18	668	734	320	440	0.5	20x1.5	2.055x10⁴	125
			460	280	240	8-22	771	851	320	515	0.5	20x1.5	4.873x10⁴	213.5
			570	335	295	8-22	968	1078	500	620	0.5	30x2	1.232x10⁵	248.5

**往复式气动隔膜阀**  
**Reciprocating pneumatic diaphragm valve**

**主要性能规范 Main performance specification**

适用温度 Applicable temperature	适用介质 Applicable medium
≤85°	一般腐蚀性介质 General corrosive media

\*此为本公司基型产品适用温度，如有不同要求请参阅P9、10表3、5进行选择。  
 This is the company based product application temperature, if there are different requirements, please refer to the P9, 10 table 3, 5 for selection.

**主要零件材料 Main parts material**

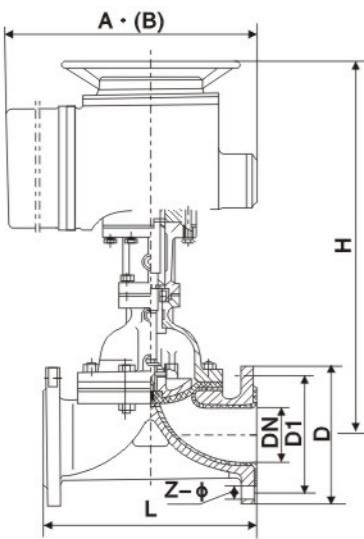
零件名称 Part name	材料 Material
阀体 Body	铸铁、铸钢/衬胶 Cast iron, cast steel, cast iron / rubber lining
阀盖 Bonnet	铸铁 Cast iron
气缸盖 Cylinder head	铸铁 Cast iron
弹簧 Spring	弹簧钢 Spring steel
螺杆 Screw	碳钢 Carbon steel
螺杆套 Screw sleeve	碳钢 Carbon steel
阀瓣 Disc	铸铁 Cast iron
手轮 Handwheel	铸铁 Cast iron
隔膜 Diaphragm	天然胶、丁基胶等 Natural rubber, butyl rubber, etc.

**主要外形尺寸和连接尺寸 Main dimensions and connection dimensions mm**

公称通径 Nominal diameter (DN)	公称压力 Pressure rating	工作压力 Working pressure	L	D	D1	Z-Φ	H1	H2	D0	B	气动装置参数 Aerodynamic device parameters		重量 Weight (Kg)
气源压力 (MPa) Air pressure													
<th



## 电动隔膜阀/电动衬氟隔膜阀 Electric diaphragm valve / electric lined diaphragm valve

**主要性能规范 Main performance specification**

适用温度 Applicable temperature	适用介质 Applicable medium
≤85℃	一般腐蚀性介质 General corrosive media

\*此为本公司基型产品适用温度，如有不同要求请参阅P9、10表3、5进行选择。  
This is the company based product application temperature, if there are different requirements, please refer to the P9, 10 table 3, 5 for selection.

**主要零件材料 Main parts material**

零件名称 Part name	材料 Material
阀体 Body	铸铁、铸铁/衬胶、氟塑料 Cast iron, cast iron/rubber lined
阀盖 Bonnet	铸铁 Cast iron
阀瓣 Disc	铸铁 Cast iron
隔膜 Diaphragm	天然胶、丁腈胶等 Natural rubber, Ding Jingjiao, etc.
阀杆 Stem	碳钢 Carbon steel
电动装置 Electric equipment	组合件 Composite parts

**主要外形尺寸和连接尺寸 Main dimensions and connection dimensions**

公称通径(DN) Nominal diameter	公称压力(MPa) Pressure rating	工作压力(MPa) Working pressure	L	D	D1	Z-φ	H	A (长 Long) (Long)	B (宽 Width) (Width)	重量 (Kg) Weight (Kg)
25	0.6	0.6	145	115	85	4-14	381	395	168	22
32			160	135	100	4-18	394	395	168	24
40			180	145	110	4-18	416	395	168	26.5
50			210	160	125	4-18	428	395	168	29.5
65			250	180	145	4-18	523	525	470	69.5
80			300	195	160	4-18	546	525	470	76
100			350	215	180	8-18	583	525	470	97
125			400	245	210	8-18	641	525	470	117.5
150			460	280	240	8-22	680	525	470	137
200			570	335	295	8-22	806	525	470	211
250	0.4	0.4	680	390	350	12-22	-	525	470	304
300			790	440	400	12-22	968	525	470	381

设计与制造: GB12239; 结构长度: JB1688; 法兰连接: GB/T17241.6(PN1.0MPa)  
Design and manufacture: GB12239; length of the structure: JB1688; flange connection: GB/T17241.6 (PN1.0MPa)

注: 表中H、A、B尺寸及重量为ZA型电动装置(即本公司基型产品)。

Note: The table H, A, B size and weight of ZA-type electric apparatus (ie, the company based products).

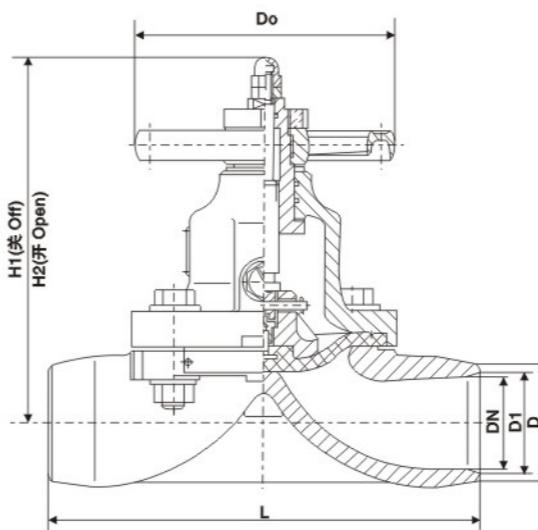
**电动装配选配 Electric fitting**

口径 Caliber (mm)	天津二通 Tianjin Two-way			黄山良业 Mount Huangshan good industry			扬州电力设备 Yangzhou electric power equipment		
	生产厂 Production plant parameters Electric device model	输出力矩 (N.m) Output torque	电机功率 (kW) Motor Power	电动装置型号 Electric device model	输出力矩 (N.m) Output torque	电机功率 (kW) Motor Power	电动装置型号 Electric device model	输出力矩 (N.m) Output torque	电机功率 (kW) Motor Power
25、32	AZ1-2.5-14	25	0.06	HZ5-18	50	0.12	DZW5	50	0.12
40、50	ZA1-5-14	50	0.12	HZ5-18	50	0.12	DZW5	50	0.12
65、80	ZA2-10-18	100	0.25	HZ10-18	100	0.25	DZW10	100	0.25
100、125、150	ZA2-15-36	150	0.55	HZ15-35	150	0.55	DZW15	150	0.37
200	ZA2-20-36	200	0.75	HZ20-35	200	0.75	DZW20	200	0.37
250、300	ZA2-30-36	300	1.10	HZ30-36	300	1.10	DZW30	300	0.55

注: 1、AZ型电动装置为本厂基型产品; 2、电动装置电气原理图参阅引进型电动隔膜阀。

Note: 1, AZ electric equipment for the factory based products; 2, the electric device electrical schematics see the introduction of electric diaphragm valve.

## 核电隔膜阀 Nuclear power diaphragm valve

**主要性能规范 Main performance specification**

适用温度 Applicable temperature	适用介质 Applicable medium
≤110℃	除盐水、含硼水、循环水、冷却水、空气、氮气、化学试剂 In addition to salt water, boron containing water, circulating water, cooling water, air, nitrogen, chemical reagent

**核级要求 Nuclear level requirements**

核规范级 Nuclear grade	1、2、3、NC级 Level
核安全级 Nuclear safety grade	1、2、3、NC级 Level
抗震级 Seismic grade	1A、2I、NC级 Level

**主要零件材料 Main parts material**

零件名称 Part name	材料 Material
阀体 Body	WCB、CF3、CF8、CF3M、CF8M
阀盖 Bonnet	WCB、CF3、CF8、CF3M、CF8M
阀瓣 Disc	WCB、CF8、CF8
阀杆 Stem	17-4PH
隔膜 Diaphragm	EPDM
手轮 Handwheel	WCB

**主要外形尺寸和连接尺寸 Main dimensions and connection dimensions**

公称通径 Nominal diameter (DN)	公称压力 Pressure rating (MPa)	工作压力 Working pressure (MPa)	L	D	D1	H1	H2	Do	重量 Weight (Kg)
20	1.0	1.0	150	27	23	136	146	100	2
25			160	34	28	145	159	120	4
32			180	42	36	157	175	120	7
50			230	60	34	194	220	140	9.2
80			310	89	82	256	296	200	24
150			480	168	161	425	505	320	70
采用标准 Adopt standard	设计与制造: ASME; 结构长度: GB12221; 法兰连接: PC-11-001-10 Design and Manufacturing: ASME; Structure length: GB12221; flange connection: PC-11-001-10								