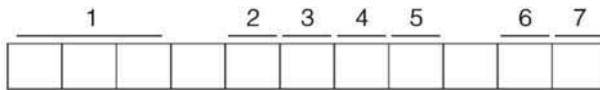


隔膜阀型号编制 Express ways of types of diaphragm valves



1	类型 Type	G		GB标准隔膜阀 GB standard diaphragm valve
		E G		BS标准隔膜阀 BS standard diaphragm valve
		S	E G	卫生型隔膜阀 Sanitary diaphragm valve
		A GD		ANSI 标准隔膜阀 ANSI standard diaphragm valve
2	传动方式 Way of actuator	※		手动 Manual
		6		气动(往复型) Pneumatic(Reciprocal)
		6b		气动(常闭型) Pneumatic(Normaly closed)
		6k		气动(常开型) Pneumatic(Normaly open)
		9		电动 Electric
3	连接形式 Type of connection	1		内螺纹 Female screwed
		2		外螺纹 Male screwed
		4		法兰 Flanged
		6		焊接 Weld
		8		卡箍 Hoop
4	结构形式 Type of construction	1		堰式 Weir pattern
		5		直流式 Y globe pattern
		6		直通式 Straight through pattern
		9		三通式 Three way pattern
5	衬里材料 Lining material	W		无衬里 Unlined
		J		衬胶 Rubber lined
		Fs		衬氟塑料 Fluorine plastic lined
		C		衬搪瓷 Enamel lined
6	公称压力 Nominal pressure	6		0.6MPa
		10		1.0MPa
		16		1.6MPa
7	阀体材质 Material of body	Z		※※铸铁 Cast iron
		Q		球墨铸铁 Spheroidal graphite cast iron
		C		※※碳钢 Carbon steel
		P		不锈钢 Stainless steel
		S		增强聚丙烯 Reinforced polypropylene

说明 Illustration:

※省略

※※PN≤1.6MPa的铸铁阀体和PN≥2.5MPa的碳素钢阀体可省略本代号。

例: EG6B41J-10

表示: BS标准隔膜阀, 气动常闭型, 法兰连接, 堰式结构, 衬里材质为硬胶, 公称压力1.0MPa, 阀体材质铸铁。

※Be omitted

※※The code can be abbreviatory for PN≤1.6MPa cast iron body andPN≥2.5MPa carbon steel body.For example: EG6B41J-10

Express: BS standard diaphragm valve, pneumally closed, flanged connection, weir pattern, hard rubber lined, 1.0MPa nominal pressure, cast iron body.

阀体衬里材料及使用范围 Material and scope of application of body lining

材料 Material	代号 Code	适用温度 Suitable temperature	适用介质 Applicable medium
★聚全氟乙丙烯 Fluorinated ethylene propylene	FEP、F46	≤150° C	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。 Different density hydrochloric acid, sulfuric acid, hydrofluoric acid, aqua regia, nitric acid, all kinds of organic acid, alkali, alternation of strong acid and weak acid weak acid, alternation of acid and alkali, many kinds of organic solvent and other strong corrosive media except for melt alkali metals, element fluorin and aromatic hydrocarbon.
聚三氟氯乙烯 Polychlorotri fluoroethylene	PCTFE、F3	≤120° C	
聚偏氟乙烯 Polychlorotri fluoride	PVDF、F2	≤120° C	
四氟乙烯 乙烯共聚物 Ethylene tetraflu- oroethylene, Tefzel	TFE/E、F40	≤120° C	
可溶性聚四氟乙烯 Perfluoroalkoxy	PFA	≤180° C	
耐酸搪瓷 Acid- resistant enamel		≤100° C	除氢氟酸、浓磷酸、强碱外的一般腐蚀性介质。 General corrosive media except fox hydrofluoric acid, strong phosphoric acid and strong alkali.
增强聚丙烯 Polyolefin	RPP	≤100° C	除浓硝酸、发烟硫酸、氯磺酸及强氧化剂外的太多数有机酸、无机酸、无机溶剂等。 Most of organicacids, mineral acids and inorganic solvents.except for strong nitric and, oleum, chloride sulfonic acid and stong oxidant.
聚烯烃 Polyolefin	PO	≤100° C	适用于腐蚀性气体、液体及固液浆体等流通体介质的输送，对盐酸、稀硫酸、氢氟酸、碱和盐溶液都有良好的耐蚀性，防静电、无毒辣毒。 The product adapts to transport current medium, for example corrosive gas, liquid as well as solid and liquid slurry. It has good corrosion resistance to hydrochloric acid, dilute sulfuric acid, hydrofluoric acid, alkali and salt solution. It has the features of static resistance, innocuity.
铸铁，无衬里 Castiron unlined		≤100° C	非腐蚀性介质 Noncorrosive medium
不锈钢，无衬里 Stainless steel, unlined		≤150° C	一般腐蚀性介质 Usual corrosive medium

隔膜材料及使用范围 Materials and scope of application of diaphragm

材料 Material	代号 Code	适用温度 Suitable temperature	适用介质 Applicable medium
聚全氟乙丙烯 Fluorinated ethylene propylene	FEP	≤120。 C	多种浓度的硫酸、氢氟酸、王水、高温浓硝酸、各类有机酸、强氧化剂、浓稀酸交替、酸碱交替和各种有机溶剂等腐蚀性介质。 Different density sulfuric acid, hydrofluoric acid, aqua regia, high-temperature strong nitric acid, all kinds of organic acid, strong oxidant, alternation of strong acid and weak acid, alternation of acid and alkali, many kinds of organic solvent etc.
可溶性聚四氟乙烯 Perfluoroalkoxy	PFA	≤150。 C	
聚四氟乙烯 Teflon	PTFE	≤180。 C	具有优良的耐蚀、耐热性能、电性能、抗粘性和低摩擦系数。 Also have the good features of corrosion resistance, heat and electric resistance, viscosity resistance and low fric-tional coefficient.

注： 1、★为本公司基型产品

2、上述适用温度仅供参考，不同的工况条件决定不同的工作温度。

Note: 1、 The products with ★ are the basic products of our company.

2、 The temperature of application are shown as guide only. The many aspects of conditions the different working temperature.

阀体衬里材料及使用范围 Material and scope of application of body lining

材料 Material	代号 Code	适用温度 Suitable temperature	适用介质 Applicable medium
★硬橡胶 Hard rubber, Ebonite	NR	NR-10°C~85°C	除强氧化剂(如硝酸、铬酸、浓硫酸及过氧化氢等和有机溶剂)外的氢氟酸、50%氟硅酸、盐酸、30%硫酸、50%氢氟酸、85%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、氨水、大部分醇类，有机酸及醛类等。 Hydrocyanic acid, 50% fluorosilicic acid, hydrochloric acid, 30% sulfuric acid, 50% hydrofluoric acid, 85% phosphoric acid, alkali, salt, metal-plated solution, sodium hydroxide, potassium hydroxide, neutral salt solution, 10% sodium hypochlorite, humid chlorine, ammonia, alcohol, organic acid and aldehyde except for the strong oxidant (such as nitric acid, chromic acid, strong sulfuric acid and perhydrol and organic solvent).
软橡胶 Soft rubber	BR	BR-10°C~85°C	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、中性盐溶液及氨液，水泥、粘土、煤渣灰、颗粒状化肥及磨损性较强的固态流体，各种浓度稠粘液等。 Have good abrasion resistance. Be mainly suitable for less than 50% sulfuric acid, sodium hydroxide, potassium hydroxide, neutral salt solution, ammonia, cement, clay, cinder, chemical fertilizer grain, strong abrasive solid-state liquid and slime in all kinds of densities.
丁基胶 Isobutylene- isoprene rubber, butyl rubber	IIR	IIR-10°C~120°C	抗腐蚀、耐磨耗。能耐极大多数的有机酸、碱和氢氧化合物、无机盐及无机酸、元素气体、醇类、醛类、醚类、酮类、酯类等，≤30%硫酸、磷酸、氢氟酸、动物油、植物油、苛性碱和多种酯类。 Be corrosion resistant and abrasion resistant. Be suitable for some organic acid, alkali, hydrate, mineral salt, elementary gas, alcohol, aldehyde, aether, ketone, ester, ≤30% sulfuric acid, phosphoric acid, hydrofluoric acid, animal oil, plant oil, corrosive alkali and ester.
氯丁胶 Neoprene rubber	CR	CR-10°C~105°C	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，耐磨性好。 Animal oil, plant oil, inorganic lube, corrosive slurry with large change scope of PH value. Good abrasion resistance.
铸铁，无衬里 Cast iron, unlined		≤100°C	非腐蚀性介质 Noncorrosive medium
不锈钢，无衬里 Stainless steel, unlined		≤150°C	一般腐蚀性介质 Usual corrosive medium

注：1、★为本公司基型产品

2、上述适用温度仅供参考，不同的工况条件决定不同的工作温度。

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隔膜材料及使用范围Material and scope of application of body lining

材料 Material	代号 Code	适用温度 Suitable temperature	适用介质 Applicable medium
丁基胶 (B级) Isobutylene- isoprene rubber	IIR	≤120 °C	除 >75%硫酸、>20%盐酸、<60%氢氟酸、>85磷酸、苛性碱和多种酯类等。 Except for >75% sulfuric acid, >20% hydrochloric acid, <60% hydrofluoric acid, >85phosphoric acid, corrosive alkali and ester.
★天然胶 (Q级) Natural rubber	NR	≤85 °C	净化水、无机盐、释放无机酸等。 Purified water, mineral salt and diluent mineral acid etc.
三元乙丙胶 Ethylene- propylenediene meyhylene, Vistalon	EPDM	≤120 °C	具有天然胶相似的耐酸、碱性能, 用于低压蒸汽、热水、冷水性能极为良好。 Have the acid resistance and alkali resistance like the natural rubber and be suitable for application in the low-pressure steam, hot water and cold water.
氯丁胶 Neoprene rubber	CR	≤85 °C	耐酸、耐碱、耐油和非极性溶剂。耐磨性优于天然胶。 Acid-resistant and alkali-resistant and the non-polar solvent and the abrasion resistance are better than the natural rubber.
丁腈胶 Nitrile, Buna-N	NBR	≤85 °C	耐油耐磨, 其耐酸性能与天然胶相似。 Oil-resistant and abrasion resistant and the acid resistance is the same as the natural rubber.
海帕隆 Hypalon	CSPE	≤120 °C	具有优良的耐臭氧、耐大气老化、耐酸碱、耐氧化剂及多种化学药品, 耐燃、耐热性, 但不耐石油类和芳烃。 The product has the features of ozone resitants, atmospheric aging resistance, acid and alkali resistance, oxidant and many kinds of chemical medicine resistance, and burning resistance, heat resistance but no resistance to petroleum and arene.
氟橡胶 Fluoroelastomer, Viton	FKM	≤150 °C	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。 Have the corrosive resistance like the flouroplastic. Be very stable in the strong acid and strong oxidant and be stable in the organic solvent and alkali solvent.
硅橡胶 Silicone rubber	SI	≤200 °C	耐高温, 电绝缘性能优良, 耐磨性良好, 能耐稀酸、稀碱、盐、水腐蚀, 不耐汽油、煤油等石油产品腐蚀。 Be heatproof, excellent electricity insulation capability and wear-able; may resist corrosion of dilute acid, dilute alkali, salt and water, can't resist corrosion of petrolic products such as gasoline, coal oil etc.

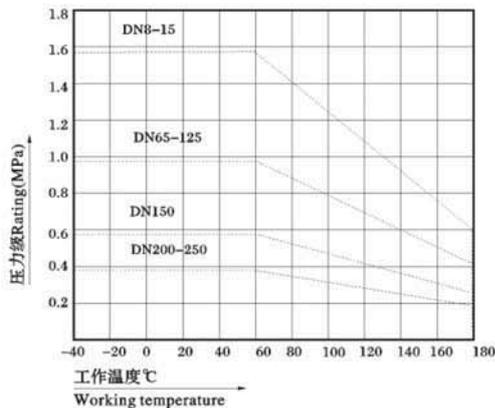
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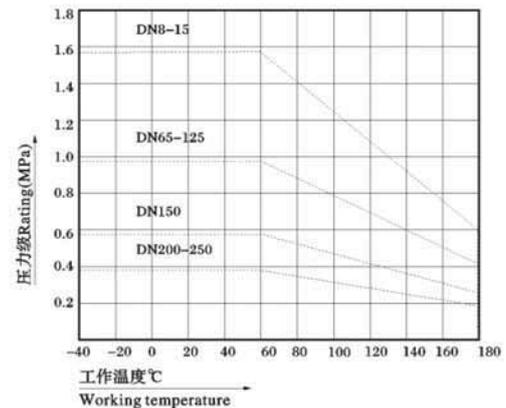
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2、The temperature of application are shown as guide only. The many aspects of service conditions the different working temperature.

衬氟塑料隔膜阀工作温度与压力的关系图
Relation diagram between working temperature and pressure of the rubber lined diaphragm valve



衬胶隔膜阀工作温度与压力的关系图
Relation diagram between working temperature and pressure of the rubber lined diaphragm valve



结构特点 Features:

隔膜阀是一种特殊形式的截断阀:

- ◆ 1. 弹性密封的开闭件, 确保没有内漏;
- ◆ 2. 流线型的流道, 使得压力损失小;
- ◆ 3. 没有填料函, 因此没有外漏;
- ◆ 4. 阀体与盖被中间隔膜隔开, 使得隔膜上方的阀盖, 阀杆等零件不受介质侵蚀;
- ◆ 5. 隔膜可更换, 维护费用低;
- ◆ 6. 衬里材料的多样性, 可适用于各种介质, 并具有强度高、耐腐蚀性能好的特点。

The diaphragm valve is an especial break valve:

1. The elastic sealed open and close element can avoid the inner leak.
2. The clipper-built interval channel can keep the small loss of pressure.
3. It hasn't the stuffing box, so it doesn't leak.
4. The body and bonnet are separated by the middle diaphragm in order that the bonnet and stem over the diaphragm aren't corroded by the medium.
5. The diaphragm is changeable and the expense of main tence is low.
6. The various lining materials can be suitable for kinds of media and feature a high strength and a prominent performance of corrosion resistance.

选配附件 Equipped accessories:

气动隔膜阀可根据需要配置以下附件

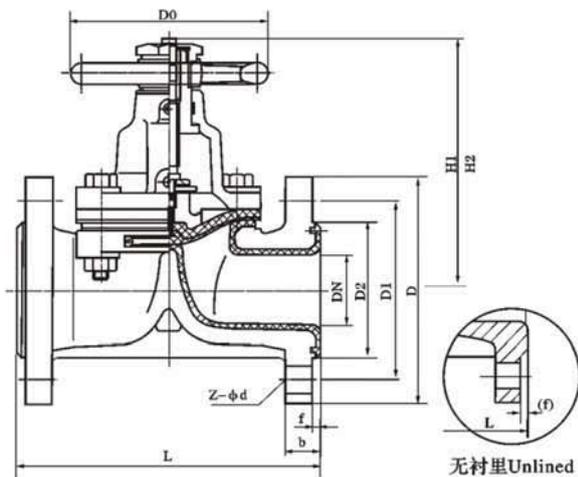
- ◆ 1. 反馈信号装置: 可将阀门启闭状况以开关量信号反馈到控制室。
- ◆ 2. 限位装置: 可以限制阀门的最大开度, 以实现定流量调节。
- ◆ 3. 阀门定位器
电-气阀门定位器: 以输入4~20mA的电信号来控制阀门的启、闭量, 以实现流量调节。
气-气阀门定位器: 以输入0.02~0.10MPa的信号气源来控制阀门的启、闭量, 以实现流量调节。
- ◆ 4. 阀位传感器: 可使阀门在任意位置的启闭状况以4~20mA的电信号输出。
- ◆ 5. 减压阀: 可将气源压力调节到所需的压力。
- ◆ 6. 电磁阀: 由电信号不控制气动阀门操作气源的转换, 以实现阀门启闭动作。
- ◆ 7. 也可根据需要, 配置其它附件。

The pneumatic diaphragm valve can be equipped with the following accessories according to the needs:

1. Signal feedback device: feed back the open or closed state to the control room by the open or closed degreesignal.
2. Limit device: can limit the maximal aperture of valve in order to realize the flow control.
3. Localizer:
Localizer of electric-pneumatic valve:input the signal of 4~20mA current to control the open and closed degree in order to realize the flow control.
Localizer of pneumatic-pneumatic valve: input the signal of 0.02~0.10MPa air pressure to control the open and closed degree in order to realize the flow control.
4. Sensor of the position of valve: can output the open and closed state of valve in any position by the signal of 4~20mA current.
5. Pressure reducing valve: can regulate the air pressure according to the needs.
6. Electromagnetic valve: can control the change of ariflow of pneumatic valve by the signal of current in order to open and close the valve.
7. The other accessories can be equipped according to the needs.

G41W/J/F₄₆ 国标衬胶、衬氟隔膜阀
GB Rubber lined, fluorine diaphragm valve

DAGO



无衬里Unlined

技术规范 Technical specification

设计与制造 Design and manufacture: GB12239
结构长度 Face to face dimension: GB12221、JB1688
法兰连接尺寸 Connection dimension of flange: GB4216、JB78

部件列表 Component list:

1	阀体	Body
2	阀体衬里	Body lining
3	隔膜	Diaphragm
4	阀瓣	Disc
5	阀盖	Bonnet
6	阀杆	Stem
7	阀杆螺母	Stem nut
8	手轮	Handwheel
9	锁紧螺母	Lock nut

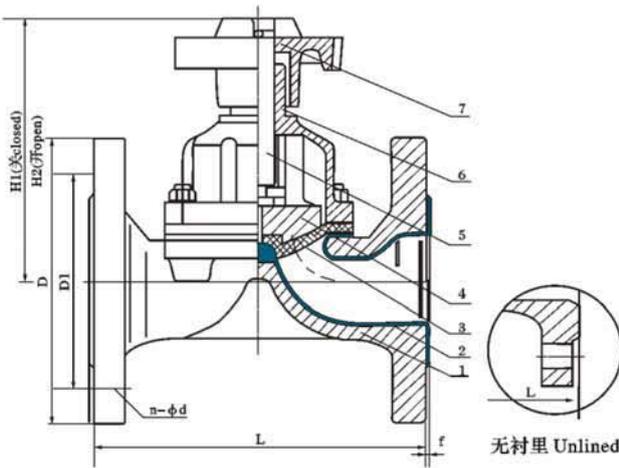
部件材料 Component Materials:

阀体: 铸铁、球墨铸铁、碳钢、不锈钢
阀盖: 铸铁、球墨铸铁、碳钢、不锈钢
衬里: 无衬里、氟塑料、橡胶
隔膜: 氟塑料、橡胶
阀瓣: 铸铁、不锈钢
阀杆: 碳钢、不锈钢
手轮: 铸铁

Body: Cast iron, spheroidal graphite cast iron, carbon steel, stainless steel
Bonnet: Cast iron, spheroidal graphite cast iron, carbon steel, stainless steel
Lining: Unlined, fluorine plastic, rubber
Diaphragm: Fluorine plastic, rubber
Disc: Cast iron, carbon steel
Cylinder: Spheroidal graphite cast iron
Piston: Carbon iron, stainless steel
Stem: Carbon steel, stainless steel
Handwheel: Cast iron

主要外形尺寸及重量 Main dimensions and weight

公称通径 Nominal DN		公称压力 Mpa Nominal pressure	工作压力 Mpa Working pressure	L mm	D mm	D1 mm	N-φd mm	F mm	H1 mm	H2 mm	D0 mm	重量 Weight kg/kilos		
mm	inch													
15	1/2"	1.0	1.0	125	95	65	4-14	2	105	116	120	4.5		
20	3/4"			135	105	75	4-14	2	117	128	120	4.5		
25	1"			145	115	85	4-18	2	121	135	120	5.3		
32	1 1/4"			160	135	100	4-18	2	132	150	120	7.5		
40	1 1/2"			180	145	110	4-18	3	156	176	140	10		
50	2"			210	160	125	4-18	3	169	195	140	13		
65	2 1/2"			250	180	145	4-18	3	200	236	200	20		
80	3"			300	195	160	4-18	3	216	256	200	25.5		
100	4"			350	215	180	8-18	3	270	322	280	38		
125	5"			400	245	210	8-18	3	315	380	320	62		
150	6"	0.6	0.6	460	280	240	8-22	3	378	458	320	85		
200	8"			570	335	295	8-22	3	518	638	400	150		
250	10"			680	390	350	12-22	4	583	720	500	249		
300	12"			790	440	400	12-22	4	698	778	500	365		
350	14"			900	500	460	16-22	4	723	883	500	420		
400	16"			1000	560	515	16-22	4	868	1078	640	630		
					0.4									



技术规范 Technical specification

设计与制造 Design and manufacture: Bs5156
 结构长度 Face to face dimension: BS5156
 法兰连接尺寸 Connection dimension of flange: BS4504、DIN2532、JIS B2212、ANSI B16.1 ISO2004

部件列表 Component list:

1	阀体	Body
2	阀体衬里	Body lining
3	隔膜	Diaphragm
4	阀瓣	Disc
5	阀杆	Stem
6	阀盖	Bonnet
7	手轮	Handwheel

部件材料 Component Materials:

阀体: 铸铁、球墨铸铁、碳钢、不锈钢
 阀盖: 铸铁、球墨铸铁、碳钢、不锈钢
 衬里: 无衬里、氟塑料、橡胶
 隔膜: 氟塑料、橡胶
 阀瓣: 铸铁
 阀杆: 碳钢、不锈钢
 手轮: 铸铁

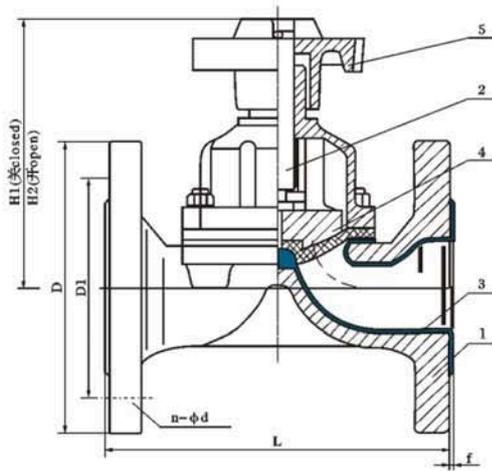
Body: Cast iron, spheroidal graphite cast iron, carbon steel, stainless steel
 Bonnet: Cast iron, spheroidal graphite cast iron, carbon steel, stainless steel
 Lining: Unlined, fluorine plastic
 Diaphragm: Fluorine plastic
 Disc: Cast iron
 Stem: Carbon steel, stainless steel
 Handwheel: Cast iron

主要外形尺寸及重量 Main dimensions and weight

公称通径 Nominal DN		公称压力 Mpa Nominal pressure	工作压力 Mpa Working pressure	L mm	D mm	D1 mm	N-φd mm	F mm	H1 mm	H2 mm	D0 mm	重量 Weight kg/kilos
mm	inch											
15	1/2"	1.6	1.6	108	95	65	4-14	2	90	99	66	2
20	3/4"			117	105	75	4-14	2	93	103	66	3
25	1"			127	115	85	4-14	2	100	112	66	4
32	1 1/4"			146	140	100	4-18	2	127	144	96	6.5
40	1 1/2"			159	150	110	4-18	2	136	156	96	7.5
50	2"			190	165	125	4-18	2	151	177	96	10
65	2 1/2"			216	185	145	4-18	2	183	213	165	16
80	3"	1.0	1.0	254	200	160	8-18	2	190	230	230	23.5
100	4"			305	220	180	8-18	2	242	285	280	34
125	5"			356	250	210	8-18	3	285	648	280	44
150	6"			406	285	240	8-22	3	353	431	368	67.5
200	8"	1.0	0.6	521	340	295	8-22	3	445	537	483	141.5
250	10"			635	395	350	12-22	5	598	734	500	229
300	12"			749	445	400	12-22	5	689	778	560	321
350	14"	0.6	0.4	787	505	460	16-22	5	723	883	560	360
400	16"			914	565	515	16-26	5	868	1078	640	584

AG41J/F₄₆ 美标衬胶、衬氟隔膜阀
ANSI Rubber lined, fluorine diaphragm valve

DAGO



技术规范 Technical specification

设计规范 Design spec: GB12239 BS 5156
结构长度 Face to face: GB12221 BS 5156
连接法兰 Flange ends: ANSI B1615
试验与检验 Test and inspection: BS 13927
产品标识 Marking: BS 12220
供货规范 Supply: BS 7928

部件列表 Component list:

1	阀体/阀盖	Body/bonnet
2	阀瓣/阀杆	Disc/Stem
3	衬里/阀座	Lining/Seat
4	隔膜	Diaphragm
5	手轮	Hand wheel

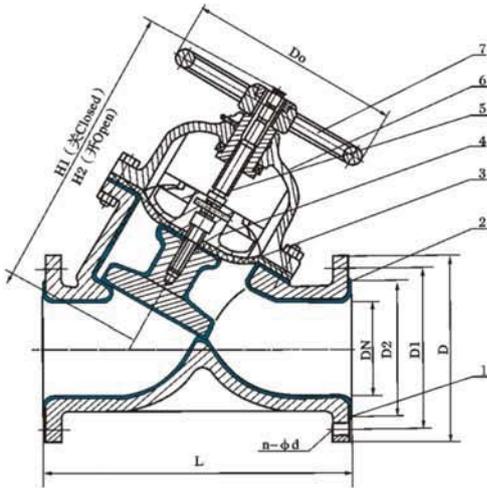
部件材料 Component Materials:

阀体: 铸铁、球墨铸铁、碳钢、不锈钢
阀盖: 铸铁、球墨铸铁、碳钢、不锈钢
衬里: 无衬里、氟塑料、橡胶
隔膜: 氟塑料、橡胶
阀瓣: 铸铁
阀杆: 碳钢、不锈钢
手轮: 铸铁

Body: Cast iron, spheroidal graphite cast iron, carbon steel, stainless steel
Bonnet: Cast iron, spheroidal graphite cast iron, carbon steel, stainless steel
Lining: Unlined, fluorine plastic
Diaphragm: Fluorine plastic
Disc: Cast iron
Stem: Carbon steel, stainless steel
Handwheel: Cast iron

主要外形尺寸及重量 Main dimensions and weight

公称通径 Nominal DN		公称压力 Nominal pressure Mpa	工作压力 Working pressure Mpa	L长	L短	D	D1	N-φd	F	H1	H2	D0	重量 Weight kg/kilos
mm	inch												
15	1/2"	150Lb	1.6	125	112	89	60.5	4-15	2	90	99	66	3.8
20	3/4"			135	121	98	70	4-15	2	93	103	66	4
25	1"			145	131	108	79.5	4-15	2	100	112	66	5
32	1 1/4"			160	150	117	89	4-15	2	127	144	96	9
40	1 1/2"			180	163	127	98.5	4-15	2	136	156	96	10
50	2"			210	194	152	120.5	4-19	2	151	177	96	12.5
65	2 1/2"			250	220	178	139.5	4-19	2	183	213	165	19
80	3"	150Lb	1.0	300	258	190	152.5	4-19	2	190	230	230	24
100	4"			350	309	229	190.5	4-19	2	242	285	280	39.5
125	5"			400	362	254	216	8-22	3	285	648	280	60
150	6"			460	412	279	241.5	8-22	3	353	431	368	79
200	8"			570	529	343	298.5	8-22	3	445	537	483	149.5
250	10"			680	639	406	362	12-25	5	598	734	500	260
300	12"			790	749	483	431.8	12-25	5	689	778	560	370
350	14"	150Lb	0.4	900	787	533	476.3	12-28	5	723	883	560	430
400	16"			1000	914	597	539.8	16-28	5	868	1078	640	620



技术规范 Technical specification

设计与制造 Design and manufacture: Gb12239
 结构长度 Face to face dimension: GB12221、JB1688
 法兰连接尺寸 Connection dimension of flange: GB4216、JB78

部件列表 Component list:

1	阀体	Body
2	阀体衬里	Body lining
3	隔膜	Diaphragm
4	阀瓣	Disc
5	阀杆	Stem
6	阀盖	Bonnet
7	手轮	Handwheel

部件材料 Component Materials:

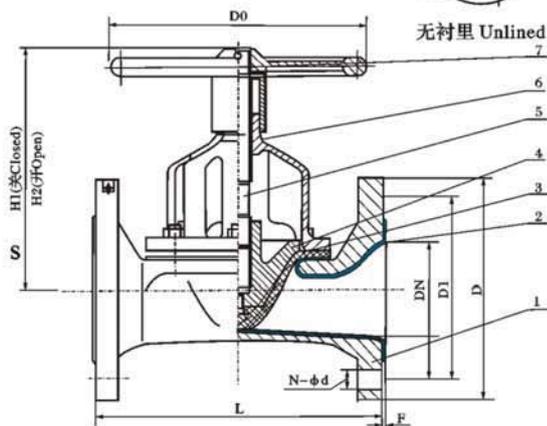
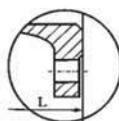
阀体: 铸铁、球墨铸铁、碳钢、不锈钢
 阀盖: 铸铁、球墨铸铁、碳钢、不锈钢
 衬里: 无衬里、橡胶
 隔膜: 橡胶
 阀瓣: 铸铁
 阀杆: 碳钢、不锈钢
 手轮: 铸铁

Body: Cast iron, spheroidal graphite cast iron, carbon steel, stainless steel
 Bonnet: Cast iron, spheroidal graphite cast iron, carbon steel, stainless steel
 Lining: Unlined, rubber
 Diaphragm: Rubber
 Disc: Cast iron
 Stem: Carbon steel, stainless steel
 Handwheel: Cast iron

主要外形尺寸及重量 Main dimensions and weight

公称通径 Nominal DN		公称压力 Mpa Nominal pressure	工作压力 Mpa Working pressure	L mm	D mm	D1 mm	N-φd mm	F mm	H1 mm	H2 mm	D0 mm	重量 Weight kg/kilos
mm	inch											
25	1"	0.6	0.6	145	115	85	4-18	2	121	135	120	5.5
32	1 1/4"			160	140	100	4-18	2	132	150	120	9.5
40	1 1/2"			180	145	110	4-18	3	156	176	140	11
50	2"			210	160	125	4-18	3	169	195	140	15
65	2 1/2"			250	180	145	4-18	3	200	236	200	20
80	3"			300	195	160	4-18	3	216	256	200	29
100	4"			350	215	180	8-18	3	270	322	280	42
125	5"			400	245	210	8-18	3	315	380	320	68
150	6"			460	280	240	8-22	3	378	458	320	83
200	8"			570	335	295	8-22	3	518	638	400	150
250	10"	0.4	0.4	680	390	350	12-22	4	583	720	500	236.5
300	12"			790	440	400	12-22	4	698	778	500	330

EG46J、G46J直通式衬胶隔膜阀 Through way rubber-lined diaphragm valves



技术规范 Technical specification

设计与制造 Design and manufacture: Bs5156
 结构长度 Face to face dimension: Bs5156
 法兰连接尺寸 Connection dimension of flange: BS4504、DIN2532、JIS B2212、ANSI B16.1 ISO2004

部件列表 Component list:

1	阀体	Body
2	阀体衬里	Body lining
3	隔膜	Diaphragm
4	阀瓣	Disc
5	阀杆	Stem
6	阀盖	Bonnet
7	手轮	Handwheel

部件材料 Component Materials:

阀体: 铸铁、球墨铸铁、碳钢、不锈钢
 阀盖: 铸铁、球墨铸铁、碳钢、不锈钢
 衬里: 无衬里、橡胶
 隔膜: 橡胶
 阀瓣: 铸铁
 阀杆: 碳钢、不锈钢
 手轮: 铸铁

Body: Cast iron, spheroidal graphite cast iron, carbon steel, stainless steel
 Bonnet: Cast iron, spheroidal graphite cast iron, carbon steel, stainless steel
 Lining: Unlined, rubber
 Diaphragm: Rubber
 Disc: Cast iron
 Stem: Carbon steel, stainless steel
 Handwheel: Cast iron

主要外形尺寸及重量 Main dimensions and weight

公称通径 Nominal DN		公称压力 Mpa Nominal pressure	工作压力 Mpa Working pressure	L mm	D mm	D1 mm	N-φd mm	F mm	H1 mm	H2 mm	D0 mm	重量 Weight kg/kilos
mm	inch											
15	1/2"	1.0	1.0	108	95	65	4-14	2	90	99	66	2
20	3/4"			117	105	75	4-14	2	93	103	66	3
25	1"			127	115	85	4-14	2	100	112	66	4
32	1 1/4"			146	140	100	4-18	2	127	144	96	6.5
40	1 1/2"			159	150	110	4-18	2	136	156	96	7.5
50	2"			190	165	125	4-18	2	151	177	96	10
65	2 1/2"			216	185	145	4-18	2	183	213	165	16
80	3"			254	200	160	8-18	2	190	230	230	23.5
100	4"			305	220	180	8-18	2	242	285	280	34
125	5"			356	250	210	8-18	3	285	648	280	44
150	6"	0.6	0.6	406	285	240	8-22	3	353	431	368	67.5
200	8"			521	340	295	8-22	3	445	537	483	141.5
250	10"	0.4	0.4	635	395	350	12-22	5	598	734	500	229
300	12"			749	445	400	12-22	5	689	778	560	321
350	14"			787	505	460	16-22	5	723	883	560	360
400	16"	0.25	0.25	914	565	515	16-26	5	868	1078	640	584

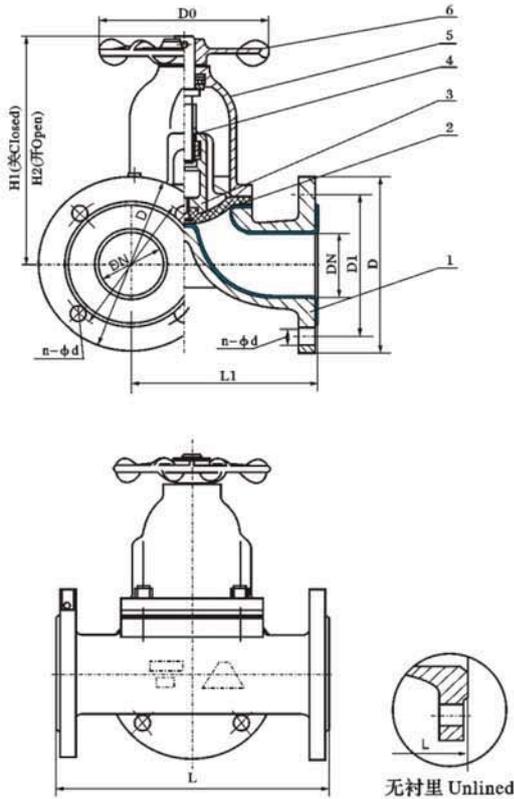


技术规范 Technical specification

设计与制造 Design and manufacture: Gb12239
 结构长度 Face to face dimension: GB12221、JB1688
 法兰连接尺寸 Connection dimension of flange: GB4216、JB78

部件列表 Component list:

1	阀体	Body
2	隔膜	Diaphragm
3	阀瓣	Disc
4	阀杆	Stem
5	阀盖	Bonnet
6	手轮	Handwheel



部件材料 Component Materials:

阀体: 铸铁、球墨铸铁、碳钢、不锈钢
 阀盖: 铸铁、球墨铸铁、碳钢、不锈钢
 衬里: 无衬里、橡胶
 隔膜: 橡胶、氟塑料
 阀瓣: 铸铁
 阀杆: 碳钢、不锈钢
 手轮: 铸铁

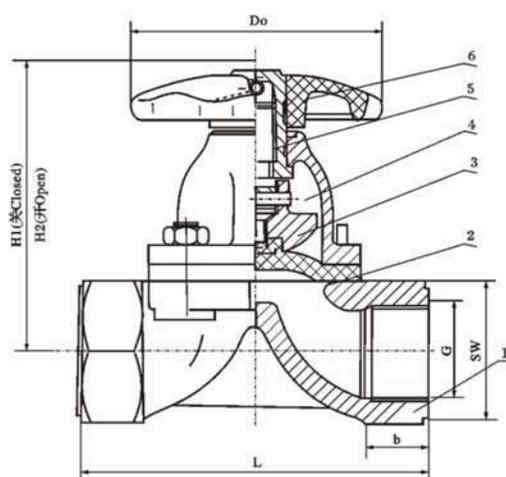
Body: Cast iron, spheroidal graphite cast iron, carbon steel, stainless steel
 Bonnet: Cast iron, spheroidal graphite cast iron, carbon steel, stainless steel
 Lining: Unlined, rubber
 Diaphragm: Rubber
 Disc: Cast iron
 Stem: Carbon steel, stainless steel
 Handwheel: Cast iron

主要外形尺寸及重量 Main dimensions and weight

公称通径 Nominal DN		公称压力 Mpa Nominal pressure	工作压力 Mpa Working pressure	L mm	D mm	D1 mm	N-φd mm	H1 mm	H2 mm	D0 mm	重量 Weight kg/kilos
mm	inch										
25	1"	1.0	1.0	160	96	115	4-14	108	120	66	5.5
32	1 1/4"			180	118	135	4-18	138	157	96	8.5
40	1 1/2"			200	135	145	4-18	147	167	96	12.5
50	2"			230	150	160	4-18	167	192	96	17
65	2 1/2"			290	182	180	4-18	194	229	165	24.5
80	3"			310	210	195	4-18	212	252	230	33.5

EG11W 内螺纹隔膜阀 Diaphragm Valve With Screwed Ends

DAGO



技术规范 Technical specification

设计与制造 Design and manufacture: BS12239
 结构长度 Face to face dimension: GB/T15188.3(N8)
 法兰连接尺寸 Connection dimension of flange: BS4504

部件列表 Component list:

1	阀体	Body
2	隔膜	Diaphragm
3	阀瓣	Disc
4	阀盖	Bonnet
5	阀杆	Stem
6	手轮	Handwheel

部件材料 Component Materials:

阀体: 铸铁、球墨铸铁、碳钢、不锈钢
 阀盖: 铸铁、球墨铸铁、碳钢、不锈钢
 隔膜: 氟塑料、橡胶
 阀瓣: 铸铁、不锈钢
 阀杆: 碳钢、不锈钢
 手轮: 铸铁

Body: Cast iron, spheroidal graphite cast iron, carbon steel, stainless steel
 Bonnet: Cast iron, spheroidal graphite cast iron, carbon steel, stainless steel
 Diaphragm: Rubber
 Disc: Cast iron, carbon steel
 Stem: Carbon steel, stainless steel
 Handwheel: Cast iron

主要外形尺寸及重量 Main dimensions and weight

公称通径 Nominal DN		公称压力 Mpa Nominal pressure	工作压力 Mpa Working pressure	L mm	SW mm	B mm	H1 mm	H2 mm	D0 mm	重量 Weight kg/kilos
mm	inch									
8	1/8"	1.6	1.6	50	20	-	60	66	45	0.6
10	1/4"			50	24	-			45	0.7
15	1/2"			65	38	8	84	92	50	0.8
20	3/4"			85	40	12	93	103	50	1.1
25	1"			110	48	18	106	120	66	1.9
32	1 1/4"			120	58	18	137	156	96	3.3
40	1 1/2"			140	69	18	142	163	96	4.2
50	2"			165	82	20	167	192	96	5.8
65	2 1/2"			1.0	1.0	203	90	30	190	225
80	3"	254	105			32	206	246	230	16.2

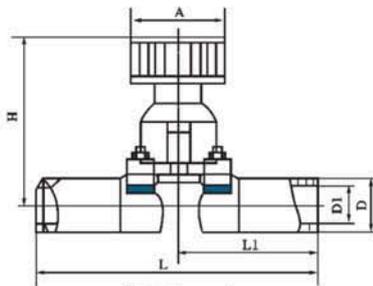


图1 Figure 1

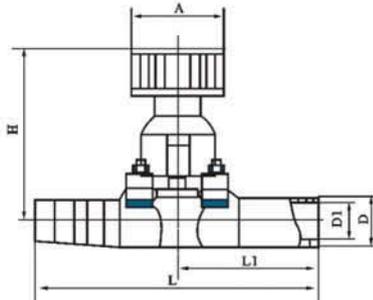


图2 Figure 2

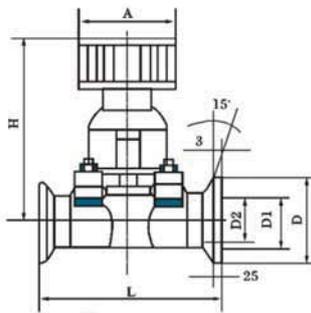


图3 Figure 3

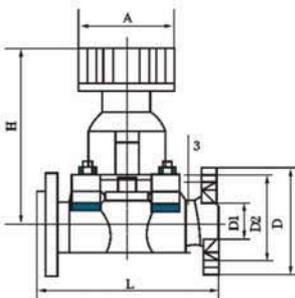


图4 Figure 4

技术规范 Technical specification

设计与制造 Design and manufacture: Q/YFC

结构长度 Face to face dimension: Q/YFC

法兰连接尺寸 Connection dimension of flange: GB6070、GB4982、Jb919

部件列表 Component list:

阀体: 碳钢、不锈钢

隔膜: 丁腈橡胶、氟橡胶

阀杆: 不锈钢

Body: Carbon steel, stainless steel

Diaphragm: Nitric-butadiene rubber, Fluoroelastomer

Stem: Stainless steel

I 型连接管焊接 (图1)

Connecting pipe welded of model I (Figure1)

型号 Model	DN mm	inch	D mm	H mm	A mm	L mm	L1 mm
GM-10C-H(I)	10	1/4"	19	80	55	240	120
GM-25C-H(I)	25	1"	32	105	80	240	120
GM-40C-H	40	1 1/2"	45	133	100	240	120
GM-50C-H	50	2"	57	157	100	240	120
GM-10D-H(I)	10	1/4"	19	77.5	50	150	150
GM-10D-H(I)	25	1"	32	105	60	75	75

II 型连接管焊接 (图2)

Connecting pipe welded of model II (Figure2)

型号 Model	DN mm	inch	D mm	H mm	A mm	L mm	L1 mm
GM-10C-H(II)	10	1/4"	19	80	55	240	120
GM-25C-H(II)	25	1"	32	105	80	240	120
GM-10D-H(II)	10	1/4"	19	77.5	50	150	75
GM-10D-H(II)	25	1"	32	105	66	75	75

快卸法兰连接 (图3)

Quick unload flanged connecting (Figure3)

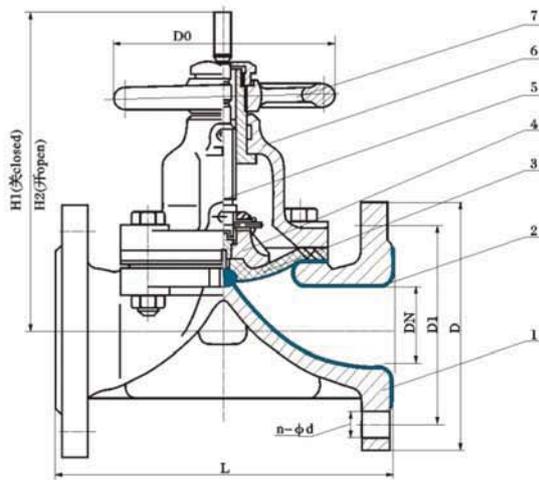
型号 Model	DN mm	inch	D mm	H mm	A mm	L mm	L1 mm
GM-10C-H(I)	10	1/4"	19	80	55	240	120
GM-25C-H(I)	25	1"	32	105	80	240	120
GM-40C-H	40	1 1/2"	45	133	100	240	120
GM-50C-H	50	2"	57	157	100	240	120
GM-10D-H(I)	10	1/4"	19	77.5	50	150	150
GM-10D-H(I)	25	1"	32	105	60	75	75

活套法兰连接 (图4)

Lap joint flanged connecting (Figure4)

型号 Model	DN mm	inch	D mm	H mm	A mm	L mm	n-φc mm
GM-10C	10	1/4"	46	36	80	75	4-6
GM-25C	25	1"	70	55	105	120	4-7
GM-40C	40	1 1/2"	100	80	133	150	4-9
GM-50C	50	2"	110	90	157	180	4-9

G41C 堰式搪瓷隔膜阀 Weir pattern enamel lined diaphragm valve



技术规范 Technical specification

设计与制造 Design and manufacture: GB12239
 结构长度 Face to face dimension: GB12221、JB1688
 法兰连接尺寸 Connection dimension of flange: GB4216、JB78

部件列表 Component list:

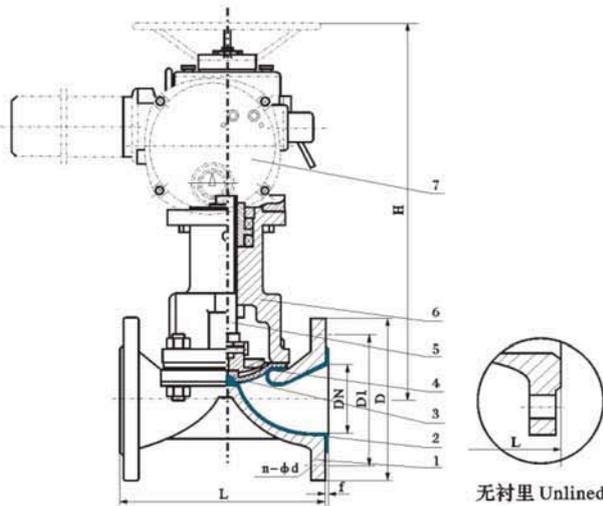
1	阀体	Body
2	阀体衬里	Body lining
3	隔膜	Diaphragm
4	阀瓣	Disc
5	阀杆	Stem
6	阀盖	Bonnet
7	手轮	Handwheel

部件材料 Component Materials:

阀体: 铸铁
 阀盖: 铸铁
 衬里: 玻璃搪瓷
 隔膜: 橡胶、氟塑料
 阀瓣: 铸铁
 阀杆: 碳钢
 手轮: 铸铁
 Body: Cast iron
 Bonnet: Cast iron
 Lining: Enamel glass
 Diaphragm: Rubber, fluorine plastic
 Disc: Cast iron
 Stem: Carbon steel
 Handwheel: Cast iron

主要外形尺寸及重量 Main dimensions and weight

公称通径 Nominal DN		公称压力 Mpa Nominal pressure	工作压力 Mpa Working pressure	L	D	D1	N-φd	H1	H2	D0	重量 Weight kg/kilos
mm	inch										
15	1/2"	1.0	0.6	125	95	65	4-14	105	112	100	3
20	3/4"			135	105	75	4-14	116	125	100	4
25	1"			145	115	85	4-14	123	137	120	5.5
32	1 1/4"			160	135	100	4-18	134	152	120	7
40	1 1/2"			180	145	110	4-18	155	175	140	9
50	2"			210	160	125	4-18	171	197	140	12
65	2 1/2"			250	180	145	4-18	206	240	200	19
80	3"	300	195	160	4-18	220	260	200	26		
100	4"	350	215	180	8-18	272	324	280	39		
125	5"	400	245	210	8-18	338	406	280	63		
150	6"	460	280	240	8-23	380	460	320	86		
200	8"	0.4	0.4	570	335	295	8-23	506	626	400	142
250	10"			680	390	350	12-23	590	726	500	261



技术规范 Technical specification

设计与制造 Design and manufacture: Bs5156
 结构长度 Face to face dimension: Bs5156
 法兰连接尺寸 Connection dimension of flange: BS4504、DIN2532、JIS B2212、ANSI B16.1 ISO2004

部件列表 Component list:

1	阀体	Body
2	阀体衬里	Body lining
3	隔膜	Diaphragm
4	阀瓣	Disc
5	阀杆	Stem
6	阀盖	Bonnet
7	电动头	Electric actuator

部件材料 Component Materials:

阀体: 铸铁、球墨铸铁、碳钢、不锈钢
 阀盖: 铸铁、球墨铸铁、碳钢、不锈钢
 衬里: 无衬里、氟塑料、橡胶
 隔膜: 氟塑料、橡胶
 阀瓣: 铸铁、碳钢
 阀杆: 碳钢、不锈钢
 支撑架: 铸铁、碳钢
 电动装置: 组合件

Body: Cast iron, spheroidal graphite cast iron, carbon steel, stainless steel
 Bonnet: Cast iron, spheroidal graphite cast iron, carbon steel, stainless steel
 Lining: Unlined, fluorine plastic, Rubber
 Diaphragm: Fluorine plastic, Rubber
 Disc: Cast iron, carbon steel
 Stem: Carbon steel, stainless steel
 Sustaining: Cast iron, carbon steel
 electric actuator :Assembly actuator

主要外形尺寸及重量 Main dimensions and weight

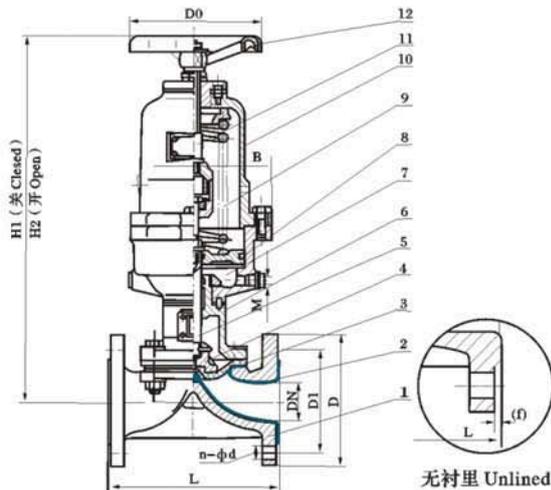
公称通径 Nominal DN		公称压力 Nominal pressure Mpa	工作压力 Working pressure Mpa	L mm	D mm	D1 mm	N-φd mm	F mm	H mm	型号 Model	输出力矩 Output torque N-m	启闭时间 On and off time S	重量 Weight kg/kilos
mm	inch												
15	1/2"	1.6		108	95	65	4-14	2					
20	3/4"			117	105	75	4-14	2					
25	1"			127	115	85	4-14	2	445	Z5-18/16	50	17	40
32	1 1/4"			146	140	100	4-18	2	457	Z5-18/16	50	20	41
40	1 1/2"			159	150	110	4-18	2	466	Z5-18/16	50	14	44
50	2"			190	165	125	4-18	2	480	Z10-18/16	50	20	50
65	2 1/2"	1.0		216	185	145	4-18	2	517	Z10-18/16	150	28	60
80	3"			254	200	160	8-18	2	539	Z10-36/25	100	160	70
100	4"			305	220	180	8-18	2	576	Z10-36/25	100	17	77
125	5"			356	250	210	8-18	3	634	Z15-18/25	150	32	92
150	6"			406	285	240	8-22	3	660	Z20-18/25	200	53	120
200	8"			521	340	295	8-22	3	860	Z20-18/25	300	33	180
250	10"	0.6		635	395	350	12-22	5					
300	12"			749	445	400	12-22	5					

注: 电动装置可按客户要求配置。

Note: The electric actuator can be equipped according to the requirement.

G6B41W/J/F₄₆ 国标气动隔膜阀(常闭式)
Pneumatic diaphragm valve(Normally close)

DAGO



技术规范 Technical specification

设计与制造 Design and manufacture: GB12239
结构长度 Face to face dimension: GB12221、JB1688
法兰连接尺寸 Connection dimension of flange: GB4216、JB78

部件列表 Component list:

1	阀体	Body
2	阀体衬里	Body lining
3	隔膜	Diaphragm
4	阀瓣	Disc
5	下阀杆	Lower Stem
6	阀盖	Bonnet
7	气缸	Cylinder
8	活塞	Piston
9	弹簧	Spring
10	气缸盖	Cylinder cover
11	上阀杆	Upper stem
12	手轮	Handwheel

部件材料 Component Materials:

阀体: 铸铁、球墨铸铁、碳钢、不锈钢
阀盖: 铸铁、球墨铸铁、碳钢、不锈钢
衬里: 无衬里、氟塑料、橡胶
隔膜: 氟塑料、橡胶
阀瓣: 铸铁、碳钢
气缸: 球墨铸铁
阀杆: 碳钢
手轮: 铸铁

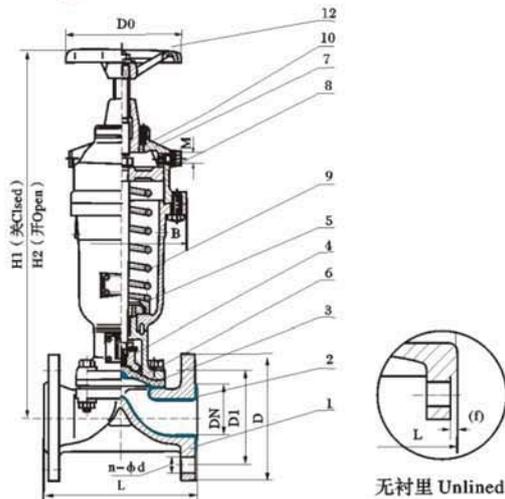
Body: Cast iron, spheroidal graphite cast iron, carbon steel, stainless steel
Bonnet: Cast iron, spheroidal graphite cast iron, carbon steel, stainless steel
Lining: Unlined, fluorine plastic, rubber
Diaphragm: Fluorine plastic, rubber
Disc: Cast iron, carbon steel
Cylinder: Spheroidal graphite cast iron
Piston: Carbon steel
Stem: Carbon steel
Handwheel: Cast iron

主要外形尺寸及重量 Main dimensions and weight

公称通径 Nominal DN	公称压力 Nominal pressure Mpa	工作压力 Working pressure Mpa	L mm	D mm	D1 mm	N-φd mm	F mm	H1 mm	H2 mm	D0 mm	B mm	气源压力 Air pressure Mpa	气源接头 Air joint in	耗气量 Air consu- mption cm3	重量 Weight kg/kilos
15	1/2"	1.0	125	95	65	4-14	2								
20	3/4"		139	105	75	4-14	2								
25	1"		145	115	85	4-18	2	296	310	120	94	0.4	10×1	2.395×102	8
32	1 1/4"		160	135	100	4-18	2	398	416	140	120	0.4	12×1.25	6.082×102	15
40	1 1/2"		180	145	110	4-18	3	406	426	140	120	0.4	12×1.25	6.082×102	17.5
50	2"		210	160	125	4-18	3	464	489	160	185	0.4	12×1.25	1.235×103	26
65	2 1/2"		250	180	145	4-18	3	635	675	160	245	0.5	16×1.5	1.235×103	56
80	3"		300	195	160	4-18	3	645	685	200	245	0.5	16×1.5	3.725×103	61
100	4"		350	215	180	8-18	3	710	760	240	330	0.5	16×1.5	9.458×103	94.5
125	5"		400	245	210	8-18	3	732	900	320	380	0.5	20×1.5	1.409×104	170
150	6"	460	280	240	8-22	3	933	1130	320	470	0.5	20×1.5	2.868×104	229	
200	8"	570	335	295	8-22	4	1275	1395	400	470	0.5	20×1.5	4.619×104	387	
250	10"	680	390	350	12-22	4									

- 注: 1. 气动隔膜阀尚可加装反馈信号、限位器或定位器, 以适应自控、程控或调节流量的需要。
2. 气动阀门的反馈信号采用无触点传感技术。
3. 采用薄膜式气缸替代活塞式气缸, 排除了活塞环易损漏而导致无法启闭阀门的弊端。
4. 当气源发生故障时, 可操作手轮使阀门开启。

- Note: 1. Pneumatic diaphragm valve also can be installed feedback signal, limited machine or localizer in order to adapt to the requirements of automatic control, programed control or flow rate eajustment.
2. The feedback signal of pneumatic valve is adopted the sense technology of non-contact.
3. Adop film cylinder in place of piston cylinder, which remove the abuse that piston ring is easily and lead to not open or close valve.
4. When gas source happen to trouble, can operate handwheel to open valve.



技术规范 Technical specification

设计与制造 Design and manufacture: GB12239
结构长度 Face to face dimension: GB12221、JB1688
法兰连接尺寸 Connection dimension of flange: GB4216、JB78

部件列表 Component list:

1	阀体	Body
2	阀体衬里	Body lining
3	隔膜	Diaphragm
4	阀瓣	Disc
5	下阀杆	Lower Stem
6	阀盖	Bonnet
7	气缸	Cylinder
8	活塞	Piston
9	弹簧	Spring
10	气缸盖	Cylinder cover
11	上阀杆	Upper stem
12	手轮	Handwheel

部件材料 Component Materials:

阀体: 铸铁、球墨铸铁、碳钢、不锈钢
阀盖: 铸铁、球墨铸铁、碳钢、不锈钢
衬里: 无衬里、氟塑料、橡胶
隔膜: 氟塑料、橡胶
阀瓣: 铸铁、碳钢
气缸: 球墨铸铁
活塞: 碳钢
阀杆: 碳钢
手轮: 铸铁

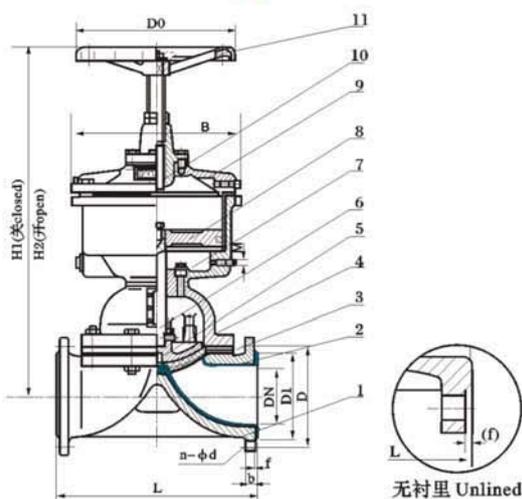
Body: Cast iron, spheroidal graphite cast iron, carbon steel, stainless steel
Bonnet: Cast iron, spheroidal graphite cast iron, carbon steel, stainless steel
Lining: Unlined, fluorine plastic
Diaphragm: Fluorine plastic
Disc: Cast iron, carbon steel
Cylinder: Spheroidal graphite cast iron
Piston: Carbon steel
Stem: Carbon steel
Handwheel: Cast iron

主要外形尺寸及重量 Main dimensions and weight

公称口径 Nominal DN	公称压力 Nominal pressure Mpa	工作压力 Working pressure Mpa	L	D	D1	N-φd	F	H1	D0	B	代号 Code mm	气源压力 Air pressure Mpa	气源接头 Air joint in	耗气量 Air consumption cm ³	重量 Weight kg/kilos
mm	inch		mm	mm	mm	mm	mm	mm	mm	mm					
15	1/2"	1.0	125	95	65	4-14	2								
20	3/4"		139	105	75	4-14	2								
25	1"		145	115	85	4-18	2	306	320	120	94	0.4	10×1	2.395×10 ²	7.5
32	1 1/4"		160	135	100	4-18	2	410	430	140	120	0.4	12×1.25	6.082×10 ²	14.5
40	1 1/2"		180	145	110	4-18	3	415	435	140	120	0.4	12×1.25	6.082×10 ²	16
50	2"		210	160	125	4-18	3	463	488	160	185	0.4	12×1.25	1.235×10 ³	24.5
65	2 1/2"		250	180	145	4-18	3	620	660	160	245	0.5	16×1.5	3.725×10 ³	50
80	3"		300	195	160	4-18	3	627	667	200	245	0.5	16×1.5	3.725×10 ³	55
100	4"		350	215	180	8-18	3	719	769	240	330	0.5	16×1.5	9.458×10 ³	86.5
125	5"		400	245	210	8-18	3	804	872	320	380	0.5	20×1.5	1.409×10 ⁴	133
150	6"	460	280	240	8-22	3	920	1000	320	470	0.5	20×1.5	2.868×10 ⁴	196.5	
200	8"	570	335	295	8-22	4	1145	1265	400	470	0.5	20×1.5	4.619×10 ⁴	279.5	

- 注: 1. 气动隔膜阀尚可附装反馈信号、限位器或定位器, 以适应自控、程控或调节流量的需要。
2. 气动阀门的反馈信号采用无触点传感技术。
3. 采用薄膜式气缸替代活塞式气缸, 排除了活塞环易磨损而导致无法启闭阀门的弊端。
4. 当气源发生故障时, 可操作手轮使阀门开启。

Note: 1. Pneumatic diaphragm valve also can be installed feedback signal, limited machine or localizer in order to adapt to the requirements of automatic control, programed control or flow rate adjustment.
2. The feedback signal of pneumatic valve is adopted the sense technology of non-contact.
3. Adopt film cylinder in place of piston cylinder, which remove the abuse that piston ring is easily and lead to not open or close valve.
4. When gas source happen to trouble, can operate handwheel to open valve.



技术规范 Technical specification

设计与制造 Design and manufacture: GB12239
结构长度Face to face dimension: GB12221、JB1688
法兰连接尺寸Connection dimension of flange: GB4216、JB78

部件列表 Component list:

1	阀体	Body
2	阀体衬里	Body lining
3	隔膜	Diaphragm
4	阀瓣	Disc
5	下阀杆	Lower Stem
6	阀盖	Bonnet
7	气缸	Cylinder
8	活塞	Piston
9	气缸盖	Cylinder cover
10	上阀杆	Upper stem
11	手轮	Handwheel

部件材料Component Materials:

阀体: 铸铁、球墨铸铁、碳钢、不锈钢
阀盖: 铸铁、球墨铸铁、碳钢、不锈钢
衬里: 无衬里、氟塑料、橡胶
隔膜: 氟塑料、橡胶
阀瓣: 铸铁、碳钢
气缸: 球墨铸铁
活塞: 碳钢
阀杆: 碳钢
手轮: 铸铁

Body: Cast iron, spheroidal graphite cast iron, carbon steel, stainless steel
Bonnet: Cast iron, spheroidal graphite cast iron, carbon steel, stainless steel
Lining: Unlined, fluorine plastic
Diaphragm: Fluorine plastic
Disc: Cast iron, carbon steel
Cylinder: Spheroidal graphite cast iron
Piston: Carbon steel
Stem: Carbon steel
Handwheel: Cast iron

主要外形尺寸及重量 Main dimensions and weight

公称通径 Nominal DN	公称压力 Nominal pressure Mpa	工作压力 Working pressure Mpa	L	D	D1	N-φd	F	H1	H2	D0	B	气源压力 Air pressure Mpa	气源接头 Air joint in	耗气量 Air consumption cm ³	重量 Weight kg/kilos	
mm	inch		mm	mm	mm		mm	mm	mm	mm	mm					
15	1/2"	1.0	125	95	65	4-14	2									
20	3/4"		139	105	75	4-14	2									
25	1"		145	115	85	4-18	2									
32	1 1/4"	1.0	160	140	100	4-18	2	250	264	120	94	0.4	10×1	2.395×10 ²	6.5	
40	1 1/2"		180	150	110	4-18	3			140	120	0.4	12×1.25	6.082×10 ²		
50	2"		210	165	125	4-18	3			140	120	0.4	12×1.25	6.082×10 ²		
65	2 1/2"		250	185	145	4-18	3	379	405	160	185	0.4	12×1.25	1.235×10 ³	25	
80	3"		300	200	160	4-18	3						0.4	16×1.5		31.5
100	4"		350	220	180	8-18	3	483	523	240	245	0.5	16×1.5	3.725×10 ³	62.5	
125	5"	0.6	400	250	210	8-18	3	565	617	280	330	0.5	16×1.5	9.458×10 ³	93.5	
150	6"		460	285	240	8-22	3	664	732	320	380	0.5	20×1.5	1.409×10 ⁴	114	
200	8"		570	340	295	8-22	4	750	830	320	470	0.5	20×1.5	2.868×10 ⁴	164	
250	10"	0.4	680	395	350	12-22	4	930	1050	400	470	0.5	20×1.5	4.619×10 ⁴	249	

- 注: 1. 气动隔膜阀门尚可加装反馈信号、限位器或定位器, 以适应自控、程控或调节流量的需要。
2. 气动阀门的反馈信号采用无触点传感技术。
3. 采用薄膜式气缸替代活塞式气缸, 排除了活塞环易损漏而导致无法启闭阀门的弊端。
4. 当气源发生故障时, 可操作手轮使阀门开启。

- Note: 1. Pneumatic diaphragm valve also can be installed feedback signal, limited machine or localizer in order to adapt to the requirements of automatic control, programed control or flow rate eajustment.
2. The feedback signal of pneumatic valve is adopted the sense technology of non-contact.
3. Adop film cylinder in place of piston cylinder, which remove the abuse that piston ring is easily and lead to not open or close valve.
4. When gas source happen to trouble, can operate handwheel to open valve.

技术规范 Technical specification

设计与制造 Design and manufacture: Bs5156
 结构长度 Face to face dimension: Bs5156
 法兰连接尺寸: Connection dimension of flange: BS4504,
 DIN2532、JIS B2212、ANSI B16.1 ISO2004

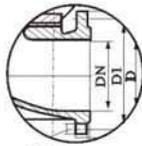
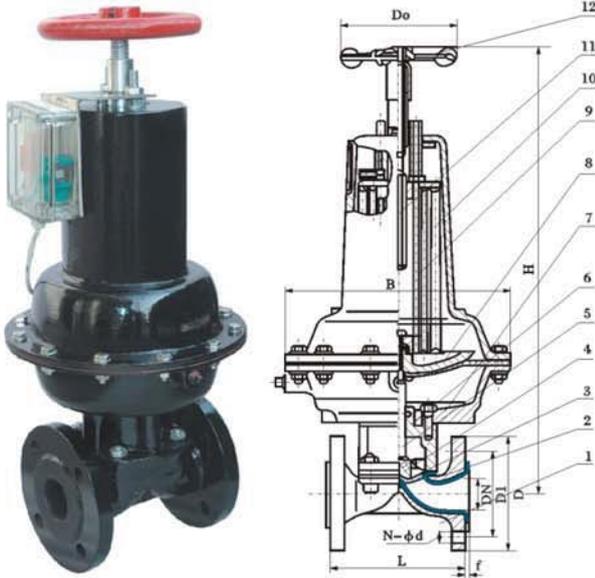
部件列表 Component list:

1	阀体	Body
2	阀体衬里	Body lining
3	隔膜	Diaphragm
4	阀瓣	Disc
5	下阀杆	Lower Stem
6	阀盖	Bonnet
7	气缸	Cylinder
8	气动薄膜	Pneumatic diaphragm
9	弹簧	Spring
10	气缸盖	Cylinder cover
11	上阀杆	Upper stem
12	手轮	Handwheel

部件材料 Component Materials:

阀体: 铸铁、球墨铸铁、碳钢、不锈钢
 阀盖: 铸铁、球墨铸铁、碳钢、不锈钢
 衬里: 无衬里、氟塑料、橡胶
 隔膜: 氟塑料、橡胶
 阀瓣: 铸铁、碳钢
 气缸: 铝合金、不锈钢
 气动薄膜: 橡胶
 阀杆: 碳钢、不锈钢
 手轮: 铸铁

Body: Cast iron, spheroidal graphite cast iron, carbon steel, stainless steel
 Bonnet: Cast iron, spheroidal graphite cast iron, carbon steel, stainless steel
 Lining: Unlined, fluorine plastic, Rubber
 Diaphragm: Fluorine plastic, Rubber
 Disc: Cast iron, carbon steel
 Cylinder: Aluminum alloy, carbon steel
 Pneumatic: Rubber diaphragm
 Stem: Carbon steel, stainless steel
 Handwheel: Cast iron



无衬里 Unlined

主要外形尺寸及重量 Main dimensions and weight

公称通径 Nominal DN		公称压力 Nominal pressure Mpa	工作压力 Working pressure Mpa	L mm	D mm	D1 mm	N-φd mm	F mm	H1 mm	D0 mm	B mm	代号 Code mm	气源压力 Air pressure Mpa	气源接头 Air joint in	耗气量 Air consumption cm ³	重量 Weight kg/kilos								
mm	inch																							
15	1/2"	1.6	1.6	108	95	65	4-13.5	2	394	120	168	61	0.3	1/8	163.87	7.2								
20	3/4"			117	105	75		2									120	168	61	0.3~0.4	1/8	196.65	8.9	
25	1"			146	140	100		2									400	120	168	61	0.3~0.4	1/8	229.4	10.6
32	1 1/4"			159	150	110		2									485	165	260	62	0.3~0.4	1/4	1425.7	19.5
40	1 1/2"			190	165	125		2									635	165	318	63	0.3~0.4	1/4	2284.1	34.9
50	2"	1.0	1.0	216	185	145	8-17.5	2	816	280	425	64	0.4~0.5	3/8	6964.5	93.2								
65	2 1/2"			254	200	160		2									660	165	318	63	0.4~0.5	1/4	3048	39.9
80	3"			305	220	180		2									816	280	425	64	0.4~0.5	3/8	7439.7	105.3
100	4"			356	250	210		3									825	280	425	64	0.4~0.5	3/8	14912	184.5
125	5"			406	285	240		3									1013	356	549	65	0.5	3/8	49161	407.4
150	6"	0.4	0.4	521	340	295	8-22	3	1300	483	749	66	0.6	1/2	49161	407.4								
200	8"			521	340	295		3									1300	483	749	66	0.6	1/2	49161	407.4

- 注: 1. 气动隔膜阀门尚可附装反馈信号、限位器或定位器, 以适应自控、程控或调节流量的需要。
 2. 气动阀门的反馈信号采用无触点传感技术。
 3. 采用薄膜式气缸替代活塞式气缸, 排除了活塞环易损漏而导致无法启闭阀门的弊端。
 4. 当气源发生故障时, 可操作手轮使阀门开启。

Note: 1. Pneumatic diaphragm valve also can be imstalled feedback signal, limited machine or localizer in order to adapt to the requirements of automatic control, programed control or flow rate eajustment.
 2. The feedback signal of pneumatic valve is adopted the sense technology of non-contact.
 3. Adop film cylinder in place of piston cylinder, which remove the abuse that piston ring is easily and lead to not open or close valve.
 4. When gas source happen to trouble, can operate handwheel to open valve.

EG6K41W/J/F₄₆ 英标气动隔膜阀(常开式)
BS Pneumatic diaphragm valve(Normally open)

DAGO

技术规范 Technical specification

设计与制造 Design and manufacture: Bs5156
结构长度 Face to face dimension: Bs5156
法兰连接尺寸 Connection dimension of flange:BS4504、DIN2532、JIS B2212 ANSI B16.1 ISO2004

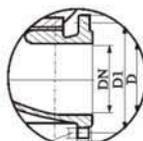
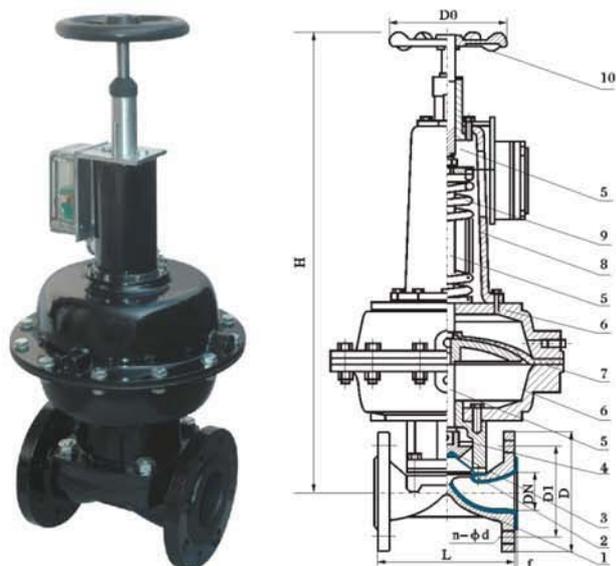
部件列表 Component list:

1	阀体	Body
2	隔膜	Diaphragm
3	阀瓣	Disc
4	阀盖	Bonnet
5	上中下阀杆	Upper,middle,lower stem
6	气缸	Cylinder
7	气动薄膜	Pneumatic diaphragm
8	弹簧盖	Spring cover
9	弹簧	Spring
10	手轮	Handwheel

部件材料 Component Materials:

阀体: 铸铁、球墨铸铁、碳钢、不锈钢
阀盖: 铸铁、球墨铸铁、碳钢、不锈钢
衬里: 无衬里、氟塑料、橡胶
隔膜: 氟塑料、橡胶
阀瓣: 铸铁、碳钢
气缸: 铝合金、不锈钢、碳钢
气动薄膜: 橡胶
阀杆: 碳钢、不锈钢
手轮: 铸铁

Body: Cast iron, spheroidal graphite cast iron, carbon steel, stainless steel
Bonnet: Cast iron, spheroidal graphite cast iron, carbon steel, stainless steel
Lining: Unlined, fluorine plastic, Rubber
Diaphragm: Fluorine plastic, Rubber
Disc: Cast iron, carbon steel
Cylinder: Aluminum alloy, carbon steel, carbon steel
Pneumatic: Rubber diaphragm
Stem: Carbon steel, stainless steel
Handwheel: Cast iron



无衬里 Unlined

主要外形尺寸及重量 Main dimensions and weight

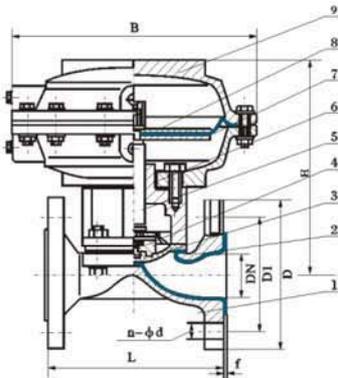
公称通径 Nominal DN		公称压力 Nominal pressure Mpa	工作压力 Working pressure Mpa	L mm	D mm	D1 mm	N-φd	F mm	H1 mm	D0 mm	B mm	代号 Code mm	气源压力 Air pressure Mpa	气源接头 Air joint in	耗气量 Air consumption cm ³	重量 Weight kg/kilos
mm	inch															
15	1/2"	1.6	1.6	108	95	65	4-13.5	2								
20	3/4"			117	105	75	4-13.5	2	343	140	168	68	0.3	1/8	163.87	6.3
25	1"			127	115	85	4-17.5	2	345	140	168	68	0.3~0.4	1/8	196.65	7.3
32	1 1/4"			146	140	100	4-17.5	2	363	140	260	68	0.3~0.4	1/8	229.4	8.3
40	1 1/2"			159	150	110	4-17.5	2	430	140	260	69	0.3~0.4	1/4	1458.7	14.3
50	2"			190	165	125	4-17.5	2	575	140	260	70	0.3~0.4	1/4	3162.7	26
65	2 1/2"			216	185	145	4-17.5	2	588	140	260	70	0.3~0.4	1/4	3243	30.8
80	3"			254	200	160	8-17.5	2	769	165	425	71	0.4~0.5	3/8	6636.8	64.9
100	4"			305	220	180	8-17.5	2	816	280	425	71	0.4~0.5	3/8	6948	70.3
125	5"			356	250	210	8-17.5	3	820	280	425	71	0.4~0.5	3/8	7374.2	80.7
150	6"	406	285	240	8-22	3	920	280	549	72	0.5	3/8	10652	131.2		
200	8"	521	340	295	8-22	3	1010	280	549	72	0.6	3/8	16715	212		
250	10"	635	395	350	12-22	5										

- 注: 1. 气动隔膜阀门尚可加装反馈信号、限位器或定位器, 以适应自控、程控或调节流量的需要。
2. 气动阀门的反馈信号采用无触点传感技术。
3. 采用薄膜式气缸替代活塞式气缸, 排除了活塞环易损漏而导致无法启闭阀门的弊端。
4. 当气源发生故障时, 可操作手轮使阀门开启。

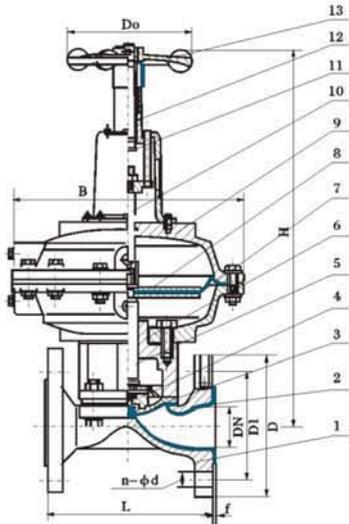
- Note: 1. Pneumatic diaphragm valve also can be installed feedback signal, limited machine or localizer in order to adapt to the requirements of automatic control, programed control or flow rate eajustment.
2. The feedback signal of pneumatic valve is adopted the sense technology of non-contact.
3. Adop film cylinder in place of piston cylinder, which remove the abuse that piston ring is easily and lead to not open or close valve.
4. When gas source happen to trouble, can operate handwheel to open valve.



无手操作



带手动操作



技术规范 Technical specification

设计与制造 Design and manufacture: BS5156
 结构长度 Face to face dimension: BS5156
 法兰连接尺寸 Connection dimension of flange: BS4504、DIN2532、
 JIS B2212、ANSI B16.1 ISO2004

部件列表 Component list:

1	阀体	Body
2	阀体衬里	Body lining
3	隔膜	Diaphragm
4	阀瓣	Disc
5	下阀杆	Lower Stem
6	阀盖	Bonnet
7	气缸	Cylinder
8	气动薄膜	Pneumatic diaphragm
9	气缸盖	Cylinder cover
10	中阀杆	Middle stem
11	弹簧盖	Spring cover
12	上阀杆	Upper stem
13	手轮	Handwheel

部件材料 Component Materials:

阀体: 铸铁、球墨铸铁、碳钢、不锈钢
 阀盖: 铸铁、球墨铸铁、碳钢、不锈钢
 衬里: 无衬里、氟塑料、橡胶
 隔膜: 氟塑料、橡胶
 阀瓣: 铸铁、碳钢
 气缸: 铝合金、不锈钢
 气动薄膜: 橡胶
 阀杆: 碳钢、不锈钢
 手轮: 铸铁

Body: Cast iron, spheroidal graphite cast iron, carbon steel, stainless steel
 Bonnet: Cast iron, spheroidal graphite cast iron, carbon steel, stainless steel
 Lining: Unlined, fluorine plastic
 Diaphragm: Fluorine plastic
 Disc: Cast iron, carbon steel
 Cylinder: Aluminum alloy, carbon steel
 Pneumatic: Rubber diaphragm
 Stem: Carbon steel, stainless steel
 Handwheel: Cast iron

主要外形尺寸及重量 Main dimensions and weight

公称通径 Nominal DN		公称压力 Nominal pressure Mpa	工作压力 Working pressure Mpa	L mm	D mm	D1 mm	N-φd mm	F mm	H带 mm	H无 mm	D0 mm	B mm	代号 Code mm	气源压力 Air pressure Mpa	气源接头 Air joint in	耗气量 Air consumption cm ³	重量 Weight kg/kilos	
mm	inch																	
15	1/2"	1.6	1.6	108	95	65		2										
20	3/4"			117	105	75	4-13.5	2	343	136	140	168	54	0.3	1/8	163.87	5.6	
25	1"			127	115	85	4-13.5	2	345	144	140	168	54	0.3~0.4	1/8	196.65	6.8	
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80	3"			254	200	160	8-17.5	2	769	285	165	425	56	0.4~0.5	1/4	6636.8	63	
100	4"			305	220	180	8-17.5	2	816	360	280	425	57	0.4~0.5	3/8	6948	66	
125	5"			356	250	210	8-17.5	3	820	370	280	425	57	0.4~0.5	3/8	7374.2	75	
150	6"			406	285	240	8-22	3	920	462	280	549	58	0.5	3/8	10652	125	
200	8"			521	340	295	8-22	3	1010	544	280	549	58	0.6	3/8	16715	206	
250	10"	635	395	350		5												

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2. 气动阀门的反馈信号采用无触点传感技术。

3. 采用薄膜式气缸替代活塞式气缸, 排除了活塞环易磨损而导致无法启闭阀门的弊端。

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