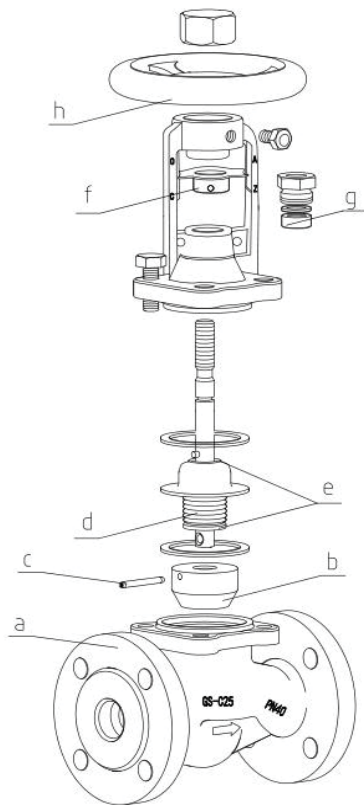




波纹管阀门特征 BELLOWS VALVE FEATURES

a: 阀体采用精密铸造工艺，先进的工艺了确保阀体无砂眼，表现光滑，质量更可靠。

The valve body adopts investment casting technology. Advanced technology to ensure that the valve body has no sand holes, surface more smooth and quality more reliable.

b: 锥形密封面能自动清除杂质

Conical sealing surface will remove impurity automatically.

c: 活动插销，易更换阀瓣

Flexible pin, easy to replace the disc when broken.

d: 波纹管是波纹管阀门的关键组件，采用自动滚焊，焊在阀瓣与阀杆上，确保阀杆部件100%零泄露。

Bellow is the key part of bellow sealed valves, which is welded to both the valve bonnet and valve stem, with automatic roll welding. The metal bellow can keep the stem part 100% no leakage.

e: 波纹管材质为不锈钢，3层波纹管，使用寿命达5000次。

Three layers stainless steel bellows can be use 5000 times.

f: 波纹管上端焊接上碗盘，下端焊接在阀杆，保证介质不会从阀杆泄露。

The upper end of the bellows is welded to the bowl plate, and the lower end is welded to the valve stem to ensure that the medium does not leak from the valve stem.

g: 定位片，能起到限位开关的作用，更好的保护阀门

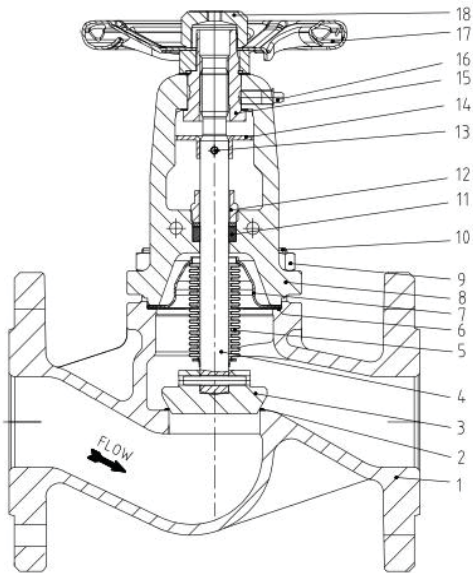
The guide piece limit the valve to open and close, better to protect the valve.

h: 石墨填料，第二道密封的作用

Graphite packing was the second sealing for valves.

i: 人体工程学设计手轮，使用寿命更长，操作轻松便捷且安全可靠。

Ergonomic hand wheel. It provide longer service life and easier Operation.



性能优势 PERFORMANCE ADVANGATE

- 1.波纹管是波纹管阀门的关键组件，采用自动滚焊，焊在阀瓣与阀杆上，确保阀杆部件100%零泄露。
Bellow is the key part of bellow sealed valves, which is welded to both the valve bonnet and valve stem, with automatic roll welding. The metal bellow can keep the stem part 100% no leakage.
- 2.双密封设计（波纹管+填料）。波纹管形成第一道金属密封防止泄漏，如果波纹管失效，填料可以提供第二道密封。
Double seal design (bellows + packing). Bellow form a metal seal to prevent leakage, and packing can provide seal if the bellow failed.
- 3.堆焊阀座，即使在恶劣工况下，也能确保可靠的密封。
Overlay welded seat can keep reliable sealing under severe conditions.
- 4.人体工程学设计手轮，使用寿命更长，操作轻松便捷且安全可靠。
Ergonomic hand wheel. It provide longer service life and easier Operation.

技术规范 TECHNICAL SPECIFICATION

- 设计标准 Design standard: DIN EN 13709:2003
- 结构长度 Face to face dimension: DIN EN 558-1:1995
- 连接法兰 Flanged ends: DIN EN 1092-1:2002
- 对焊连接 Welded ends: DIN EN 12627
- 试验与检验 Test & inspection: DIN EN 12266:2003

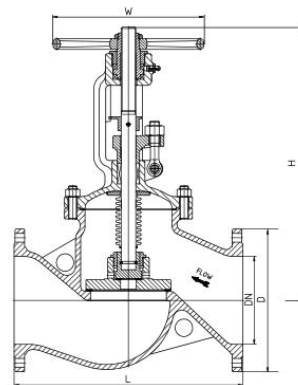
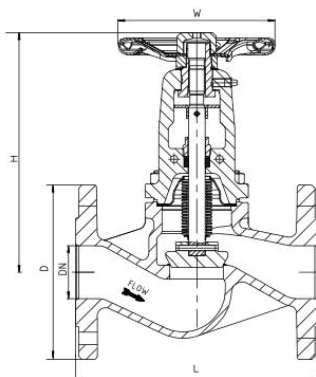
应用 APPLICATION

- 热油系统、蒸汽系统、冷热水系统等等
Thermal oil system, steam system, hot and cold water system etc.

产品零部件材料 PRODUCT PARTS AND MATERIALS

序号/No.	零件名称 Parts Name	材质 Materials		
1	阀体 Body	GS-C25/1.0619	CF8/1.4301	CF8M/1.4408
2	阀座 Seat	Overlay 13Cr	SS304	SS316
3	阀瓣密封面 Disc surface	Overlay 13Cr	SS304	SS316
4	阀杆 Stem	X20Cr13	SS304	SS316
5	波纹管 Bellows	SS304/SS316/SS321/SS316Ti	SS304/SS316/SS321/SS316Ti	SS316/SS321/SS316Ti
6	垫片 Gasket	Graphite+SS	Graphite+SS	Graphite+SS
7	波纹管碗盘 Bellows cover	SS304/SS316	SS304/SS316	SS316
8	阀盖 Bonnet	GS-C25/1.0619	CF8/1.4301	CF8M/1.4408
9	螺母 Nut	A194 2H	A194 8	A194 8M
10	螺栓 Bolt	A193 B7	A193 B8	A193 B8M
11	填料 Packing	Graphite	Graphite	Graphite
12	压盖 Gland	C.S	CF8	CF8M
13	插销 Pin	Steel	Steel	Steel
14	定位片 Guide piece	Steel	Steel	Steel
15	阀杆螺母 Stem nut	Ductile iron	Copper alloy	Copper alloy
16	油嘴 Grease Nipple	H2	H2	H2
17	手轮 Hand wheel	Steel	Steel	Steel
18	螺帽 Lock nut	A105	A105	A105

备注Notes: 以上零件为常规产品材质，如有特殊要求，可根据客户要求变动，如密封面为司太立。
Above parts materials are used for conventional product. If there are special requirements, which can be changed according to customer requirements. For example, the sealing can be Stellite.



主要连接尺寸MAIN DIMENSIONS(mm)

Fig.VK811 PN16																
口径 Size DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400
总长 L RF/BW	130	150	160	180	200	230	290	310	350	400	480	600	730	850	980	1100
外圆 D	95	105	115	140	150	165	185	200	220	250	285	340	405	480	520	580
手轮 W	140	140	160	160	180	200	220	250	300	350	400	450	550	600	700	700
中心高 H	192	192	207	207	245	253	295	328	385	427	480	672	775	852	1005	1140
重量 Weight(kg)	4	4.8	5.8	7.8	9.5	12.5	17	22	36	52	81	135	240	305	510	740
行程 Stroke	8	8	10	10	12	15	17	22	28	34	40	60	75	85	100	110
流量 Kvs(m3/h)	4.2	7.4	12	19	30	47	77	120	188	285	410	725	1140	1660	2230	2950
Fig.VK812 PN25																
口径 Size DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400
总长 L RF/BW	130	150	160	180	200	230	290	310	350	400	480	600	730	850	980	1100
外圆 D	95	105	115	140	150	165	185	200	220	270	300	360	425	485	555	620
手轮 W	140	140	160	160	180	200	220	250	300	350	400	450	550	600	700	700
中心高 H	192	192	207	207	245	253	295	328	385	427	480	672	775	852	1005	1140
重量 Weight(kg)	4	4.8	5.8	7.8	9.5	12.5	17	22	37	53	82	140	245	315	530	780
行程 Stroke	8	8	10	10	12	15	17	22	28	34	40	60	75	85	100	110
流量 Kvs(m3/h)	4.2	7.4	12	19	30	47	77	120	188	285	410	725	1140	1660	2230	2950
Fig.VK813 PN40																
口径 Size DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400
总长 L RF/BW	130	150	160	180	200	230	290	310	350	400	480	600	730	850	980	1100
外圆 D	95	105	115	140	150	165	185	200	235	270	300	375	450	515	580	660
手轮 W	140	140	160	160	180	200	220	250	300	350	400	450	550	600	700	700
中心高 H	192	192	207	207	245	253	295	328	385	427	480	672	775	852	1005	1140
重量 Weight(kg)	4	4.8	5.8	7.8	9.5	12.5	17.5	23	38	54	83	142	260	320	560	820
行程 Stroke	8	8	10	10	12	15	17	22	28	34	40	60	75	85	100	110
流量 Kvs(m3/h)	4.2	7.4	12	19	30	47	77	120	188	285	410	725	1140	1660	2230	2950