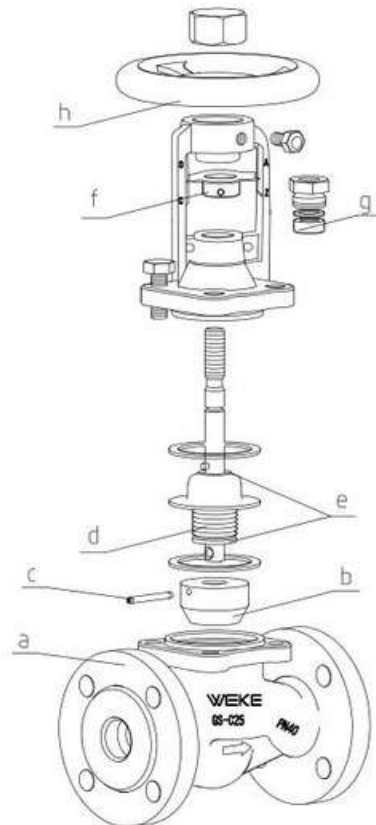




DESCRIPTION

A. 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. conical sealing surface will remove impurity automatically.

C. flexible pin, easy to replace the disc when broken.

D. 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. three layers stainless steel bellows can be use 5000 times.

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

H. graphite packing was the second sealing for valves.

I. ergonomic hand wheel. It provide longer service life and easier Operation.

PERFORMANCE ADVANGATE

1. 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. Double seal design (bellows + packing). Bellow form a metal seal to prevent leakage, and packing can provide seal if the bellow failed.
3. Overlay welded seat can keep reliable sealing under severe conditions.
4. Ergonomichand wheel. It provide longer servicelife and easier operation.

TECHNICAL SPECIFICATION

Design standard: DIN EN 13709:2003

Face to face dimension: DIN EN 558-1:1995

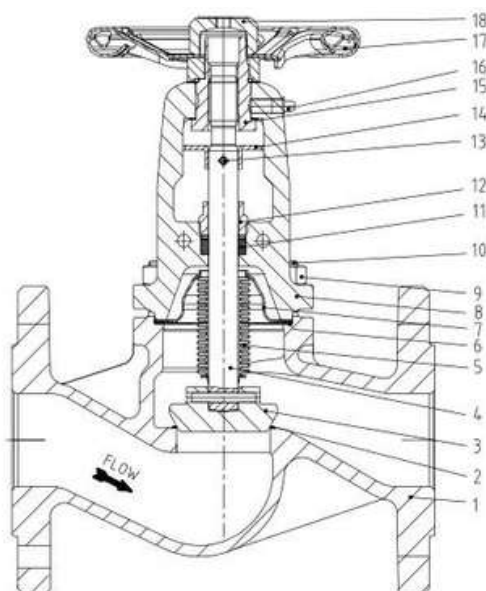
Flanged ends: DIN EN 1092-1:2002

Welded ends: DIN EN 12627

Test & inspection: DIN EN 12266:2003

APPLICATION

Thermal oil system, steam system,
hot and cold water system etc...



PRODUCT PARTS AND MATERIALS

NO.	PART	MATERIAL		
1	BODY	G S -C 25/1 .061 9 OVERLAY	C F 8 /1 .4301 SS304 SS304	C F 8 /1 .4408
2	SEAT	13Cr OVERLAY 13Cr X20C r 1	SS304	SS316
3	DISC SURFACE	3	SS304/SS316/SS321/SS316Ti	SS316
4	STEM	SS304/SS316/SS321/SS316Ti	GRAPHITE+SS SS304/SS316	SS316
5	BELLOWS	GRAPHITE+SS SS304/SS316	C F 8 /8 .4308	SS304/SS316/SS321/SS316Ti
6	GASKET	G S -C 25/1 .061 9	A194 8	GRAPHITE+SS
7	BELLOWS COVER	A194 2H	A193 B8	SS316
8	BONNET	A193 B7	GRAPHITE	C F 8 M/4408
9	NUT	GRAPHITE	CF8	A194 8M
10	BOLD	C.S.	STEEL	A193 B8M
11	PACKING	STEEL	STEEL	GRAPHITE
12	GLAND	STEEL	COPPER ALLOY	CF8M
13	PIN	DUCTILE IRON	H2	STEEL
14	GUIDE PIECE	H2	STEEL	STEEL
15	STEM NUT	STEEL	A105	COPPER ALLOY
16	GREASE NIPPLE	A105		H2
17	HAND WHEEL			STEEL
18	LOCK NUT			A105

Notes: 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.

MAIN DIMENSION (MM)

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

