FLANGE GATE GLOBE CHECK VALVE SERIES
法兰闸截止阀门系列

法兰闸阀是连接方式为法兰的闸阀，这种连接方式最为常见。法兰闸阀在管路中使用时稳定可靠，所以在高压管路上常采用法兰闸阀。

Flanged gate valve is a gate valve with flange connection, which is the most common connection method. Flanged gate valves are stable and reliable when used in pipelines, so flanged gate valves are often used in high-pressure pipelines.













国标法兰闸阀
Gate Valve Flange End

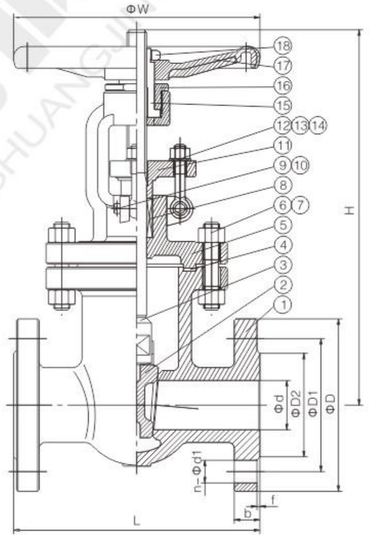
Z41H-16P
Z41H-40P

特点Features
- 1/2"~12" (DN15~DN300)
-工作压力W.P.: 1/2"~2" PN40 2½"~12" PN16
-工作温度W.T.: 425℃
-升杆式/明杆Rising stem

-设计标准Design : GB/T12234
-法兰标准Flange dimension : GB/T9113.1
-检验&测试 Inspection & testing : GB/T12234

材料表 Material list

序号 Number	零件名称 Part name	材料 Material		
1	阀体 Body	WCB+13Cr	CF8	CF8M
2	阀瓣 Disc	WCB+13Cr	CF8	CF8M
3	阀杆 Stem	20Cr13	304	316
4	垫片 Gasket	PTFE/304+GRAPHITE		
5	阀盖 Bonnet	WCB	CF8	CF8M
6	螺栓 Bolt	35CrMo	304	304
7	螺母 Nut	45	304	304
8	填料 Packing	PTFE/FLEXIBLE GRAPHITE		
9	Clevis pin With head	35	304	304
10	Split pin	Q235A	304	304
11	填料盖 Gland	WCB	CF8	CF8
12	Eye bolts	35CrMo	304	304
13	平板 Flat pad	65Mn	304	304
14	螺母 Nut	45	304	304
15	阀杆螺母 Stem nut	BRONZE		
16	阀盖螺母 Bonnet nut	45	304	304
17	手轮 Handwheel	FCD/WCB		
18	Round nut	45	304	304



尺寸 Dimensions Z41H-16P Unit:mm

Nominal	Diameter	L	d	D2	D1	D	b	f	n–φd1	H	W
15	1/2"	130	15	45	65	95	14	2	4-14	178	120
20	3/4"	150	20	55	75	105	14	2	4-14	194	140
25	1"	160	25	65	85	115	14	2	4-14	223	140
32	1¼"	180	32	78	100	135	16	2	4-18	266	160
40	1½"	200	40	85	110	145	16	3	4-18	295	160
50	2"	250	50	100	125	160	16	3	4-18	336	200
65	2½"	265	65	120	145	180	18	3	4-18	385	200
80	3"	280	80	135	160	195	20	3	8-18	433	250
100	4"	300	100	155	180	215	20	3	8-18	506	300
125	5"	325	125	185	210	250	22	3	8-18	612	300
150	6"	350	150	210	240	285	22	3	8-22	686	350
200	8"	400	200	265	295	340	24	3	12-22	825	350
250	10"	450	250	320	355	405	26	3	12-26	972	400
300	12"	500	300	375	410	460	28	3	12-26	1147	450





美标法兰闸阀
Gate Valve Flange End
ANSI Class 150/300

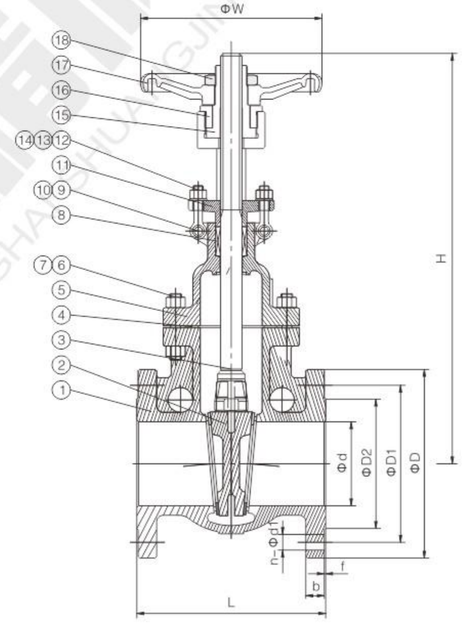
Z41H-150LB
Z41H-300LB

特点Features
- 1/2"~12" (DN15~DN300)
-工作压力W.P.: CLASS150/300
-工作温度W.T.: -425℃
-升杆式/明杆Rising stem

-设计标准Design : ASME B16.34，API600，API603
-法兰标准Flange dimension : ASME B16.5
-结构长度Face to face : ASME B16.10
-检验&测试 Inspection & testing : API600/API603/ASME16.34

材料表 Material list

序号 Number	零件名称 Part name	材料 Material		
1	阀体 Body	WCB+13Cr	CF8	CF8M
2	阀瓣 Disc	WCB+13Cr	CF8	CF8M
3	阀杆 Stem	20Cr13	304	316
4	垫片 Gasket	PTFE/304+GRAPHITE		
5	阀盖 Bonnet	WCB	CF8	CF8M
6	螺栓 Bolt	35CrMo	304	304
7	螺母 Nut	45	304	304
8	填料 Packing	PTFE/FLEXIBLE GRAPHITE		
9	Clevis pin With head	35	304	304
10	Split pin	Q235A	304	304
11	填料盖 Gland	WCB	CF8	CF8
12	Eye bolts	35CrMo	304	304
13	平板 Flat pad	65Mn	304	304
14	螺母 Nut	45	304	304
15	阀杆螺母 Stem nut	BRONZE		
16	阀盖螺母 Bonnet nut	45	304	304
17	手轮 Handwheel	FCD/WCB		
18	Round nut	45	304	304



尺寸 Dimensions Z41H-150LB

Unit:mm

Nominal	Diameter	L	d	D2	D1	D	b	f	n–φd1	H	W
15	1/2"	108	15	35	60.3	90	8	2	4-16	178	120
20	3/4"	117	20	43	70	100	8.9	2	4-16	194	120
25	1"	127	25	51	79.4	110	9.6	2	4-16	223	140
32	1¼"	140	32	63.5	88.9	115	11.2	2	4-16	266	160
40	1½"	165	40	73	98.4	125	12.7	2	4-16	295	160
50	2"	178	50	92	120.7	150	14.3	2	4-19	336	200
65	2½"	190	65	105	139.7	180	15.9	2	4-19	385	200
80	3"	203	80	127	152.4	190	17.5	2	4-19	433	250
100	4"	229	100	157	190.5	230	22.3	2	8-19	506	300
125	5"	254	125	185	216	255	22.3	2	8-22	612	300
150	6"	267	150	216	241.3	280	23.9	2	8-22	686	350
200	8"	292	200	270	298.5	345	27	2	8-22	825	350
250	10"	330	250	324	362	405	28.6	2	12-25	972	400
300	12"	356	300	381	431.8	485	30.2	2	12-25	1147	450

尺寸 Dimensions Z41H-300LB

Unit:mm

Nominal	Diameter	L	d	D2	D1	D	b	f	n–φd1	H	W
15	1/2"	140	15	35	66.7	95	12.7	2	4-16	182	120
20	3/4"	152	20	43	82.6	115	14.3	2	4-19	197	140
25	1"	165	25	51	88.9	125	15.9	2	4-19	229	160
32	1¼"	178	32	63.5	98.4	135	17.5	2	4-19	271	160
40	1½"	190	40	73	114.3	155	19.1	2	4-22	299	200
50	2"	216	50	92	127	165	20.7	2	8-19	343	200
65	2½"	241	65	105	149.2	190	23.9	2	8-22	392	250
80	3"	282	80	127	168.3	210	27	2	8-22	443	300
100	4"	305	100	157	200	255	30.2	2	8-22	515	300
125	5"	381	125	185	235	280	33.4	2	8-22	624	350
150	6"	403	150	216	270	320	35	2	12-22	695	350
200	8"	419	200	270	330.2	380	39.7	2	12-25	842	400
250	10"	457	250	324	387.4	445	46.1	2	16-29	989	450
300	12"	502	300	381	450.8	520	49.3	2	16-32	1158	500



日标法兰闸阀
Gate Valve Flange End

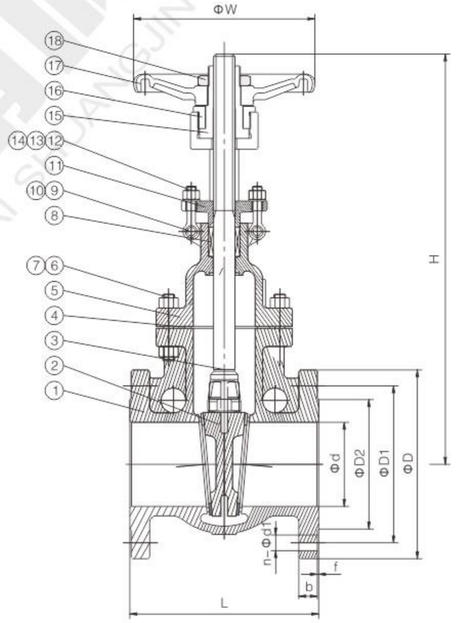
Z41H-10K
Z41H-10K

特点Features
- 1/2"~12" (DN15~DN300)
-工作压力W.P.: 10K/20K
-工作温度W.T.: 425℃
-升杆式/明杆Rising stem

-设计标准Design : JIS B2071
-法兰标准Flange dimension : JIS 2220
-结构长度Face to face : JIS B2002
-检验&测试 Inspection & testing : JIS B207

材料表 Material list

序号 Number	零件名称 Part name	材料 Material		
1	阀体 Body	SCPH2+13Cr	SCS13	SCS14
2	阀瓣 Disc	SCPH2+13Cr	SCS13	SCS14
3	阀杆 Stem	20Cr13	304	316
4	垫片 Gasket	PTFE/304+GRAPHITE		
5	阀盖 Bonnet	SCPH2	SCS13	SCS14
6	螺栓 Bolt	35CrMo	304	304
7	螺母 Nut	45	304	304
8	填料 Packing	PTFE/FLEXIBLE GRAPHITE		
9	Clevis pin With head	35	304	304
10	Split pin	Q235A	304	304
11	填料盖 Gland	SCPH2	SCS13	SCS13
12	Eye bolts	35CrMo	304	304
13	平板 Flat pad	65Mn	304	304
14	螺母 Nut	45	304	304
15	阀杆螺母 Stem nut	BRONZE		
16	阀盖螺母 Bonnet nut	45	304	304
17	手轮 Handwheel	FCD/SCPH2		
18	Round nut	45	304	304



尺寸 Dimensions Z41H-10K Unit:mm

Nominal	Diameter	L	d	D2	D1	D	b	f	n–φd1	H	W
15	1/2"	108	15	51	70	95	12	1	4-15	178	120
20	3/4"	117	20	56	75	100	14	1	4-15	194	120
25	1"	127	25	67	90	125	14	1	4-19	223	140
32	1¼"	140	32	76	100	135	16	2	4-19	266	160
40	1½"	165	40	81	105	140	16	2	4-19	295	160
50	2"	178	50	96	120	155	16	2	4-19	336	200
65	2½"	190	65	116	140	175	18	2	4-19	385	200
80	3"	203	80	126	150	185	18	2	8-19	433	250
100	4"	229	100	151	175	210	18	2	8-19	506	300
125	5"	254	125	182	210	250	20	2	8-23	612	300
150	6"	267	150	212	240	280	22	2	8-23	686	350
200	8"	292	200	262	290	330	22	2	12-23	825	350
250	10"	330	250	324	355	400	24	2	12-25	972	400
300	12"	356	300	368	400	445	24	3	16-25	1147	450

尺寸 Dimensions Z41H-20K Unit:mm

Nominal	Diameter	L	d	D2	D1	D	b	f	n–φd1	H	W
15	1/2"	140	15	51	70	95	14	1	4-15	182	120
20	3/4"	152	20	56	75	100	16	1	4-15	197	140
25	1"	165	25	67	90	125	16	1	4-19	229	160
32	1¼"	178	32	76	100	135	18	2	4-19	271	160
40	1½"	190	40	81	105	140	18	2	4-19	299	200
50	2"	216	50	96	120	155	18	2	8-19	343	200
65	2½"	241	65	116	140	175	20	2	8-19	392	250
80	3"	282	80	132	160	200	22	2	8-23	443	300
100	4"	305	100	160	185	225	24	2	8-23	515	300
125	5"	381	125	195	225	270	26	2	8-25	624	350
150	6"	403	150	230	260	305	28	2	12-25	695	350
200	8"	419	200	275	305	350	30	2	12-25	842	400
250	10"	457	250	345	380	430	34	2	12-27	989	450
300	12"	502	300	395	430	480	36	3	16-27	1158	500



国标法兰截止阀
Globe Valve Flange End

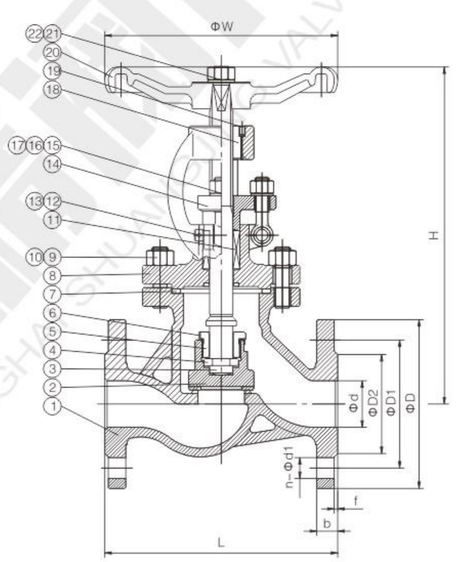
J41W-16P
J41W-40P

特点Features
- 1/2"~12" (DN15~DN300)
-工作压力W.P.: 1/2"~2"PN40 2-1/2"~12"PN16
-工作温度W.T.: 425℃
-升杆式/明杆Rising stem

-设计标准Design : GB/T12235
-法兰标准Flange dimension : JB/T79-1994,GB/T9113.3
-检验&测试 Inspection & testing : GB/T 12235

材料表 Material list

序号 Number	零件名称 Part name	材料 Material		
1	阀体 Body	WCB+13Cr	CF8	CF8M
2	阀瓣 Disc	WCB+13Cr	CF8	CF8M
3	阀杆 Stem	20Cr13	304	316
4	Open ring	45	304	316
5	Disc nut	35	304	316
6	Thrust Washer	Q235A	304	316
7	垫片 Gasket	PTFE/304+GRAPHITE		
8	阀盖 Bonnet	WCB	CF8	CF8M
9	螺栓 Bolt	35CrMo	304	304
10	螺母 Nut	45	304	304
11	填料 Packing	PTFE/FLEXIBLE GRAPHITE		
12	Clevis pin With head	35	304	304
13	Split pin	Q235A	304	304
14	填料盖 Gland	WCB	CF8	CF8
15	Eye bolts	35CrMo	304	304
16	平板 Flat pad	65Mn	304	304
17	螺母 Nut	45	304	304
18	阀杆螺母 Stem nut	BRONZE		
19	Screws	35CrMo	304	304
20	手轮 Handwheel	FCD/WCB		
21	平板 Flat pad	65Mn	304	304
22	螺母 Nut	45	304	304



尺寸 Dimensions J41W-16P Unit:mm

Nominal	Diameter	L	d	D2	D1	D	b	f	n-φd1	H	W
15	1/2"	130	15	45	65	95	14	2	4-14	178	120
20	3/4"	150	20	55	75	105	14	2	4-14	182	140
25	1"	160	25	65	85	115	14	2	4-14	201	140
32	1¼"	180	32	78	100	135	16	2	4-18	238	160
40	1½"	200	40	85	110	145	16	3	4-18	249	160
50	2"	230	50	100	125	160	16	3	4-18	263	200
65	2½"	290	65	120	145	180	18	3	4-18	312	200
80	3"	310	80	135	160	195	20	3	8-18	336	250
100	4"	350	100	155	180	215	20	3	8-18	388	300
125	5"	400	125	185	210	250	22	3	8-18	467	350
150	6"	480	150	210	240	285	22	3	8-22	529	400
200	8"	600	200	265	295	340	24	3	12-22	667	450
250	10"	730	250	320	355	405	26	3	12-26	825	500
300	12"	850	300	375	410	460	28	3	12-26	947	600





美标法兰截止阀
Globe Valve Flange End

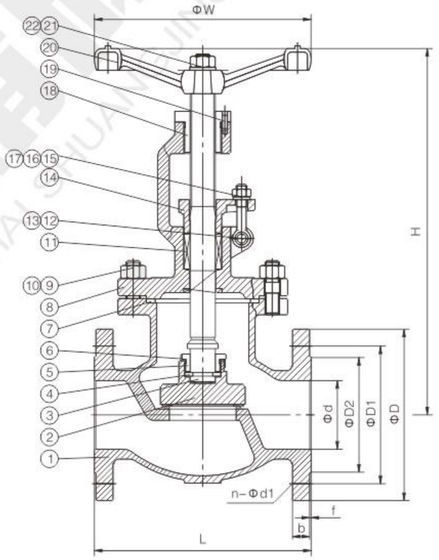
J41W-150LB
J41W-300LB

特点Features
- 1/2"~12" (DN15~DN300)
-工作压力W.P.: CLASS 150/300
-工作温度W.T.: 425℃
-升杆式/明杆Rising stem

-设计标准Design : ASME B16.34,BS1873,API623
-法兰标准Flange dimension : ASME B16.5
-结构长度Face to face : ASME B16.10
-检验&测试 Inspection & testing : API623/BS1873/ASME16.34

材料表 Material list

序号 Number	零件名称 Part name	材料 Material		
1	阀体 Body	WCB+13Cr	CF8	CF8M
2	阀瓣 Disc	WCB+13Cr	CF8	CF8M
3	阀杆 Stem	20Cr13	304	316
4	Open ring	45	304	316
5	Disc nut	35	304	316
6	Thrust Washer	Q235A	304	316
7	垫片 Gasket	PTFE/304+GRAPHITE		
8	阀盖 Bonnet	WCB	CF8	CF8M
9	螺栓 Bolt	35CrMo	304	304
10	螺母 Nut	45	304	304
11	填料 Packing	PTFE/FLEXIBLE GRAPHITE		
12	Split pin	35	304	304
13	Clevis pin With head	Q235A	304	304
14	填料盖 Gland	WCB	CF8	CF8
15	Eye bolts	35CrMo	304	304
16	平板 Flat pad	65Mn	304	304
17	螺母 Nut	45	304	304
18	阀杆螺母 Stem nut	BRONZE		
19	Screws	35CrMo	304	304
20	手轮 Handwheel	FCD/WCB		
21	平板 Flat pad	65Mn	304	304
22	螺母 Nut	45	304	304



尺寸 Dimensions J41W-150LB Unit:mm

Nominal	Diameter	L	d	D2	D1	D	b	f	n-φd1	H	W
15	1/2"	108	15	35	60.3	90	8	2	4-16	178	120
20	3/4"	117	20	43	70	100	8.9	2	4-16	182	140
25	1"	127	25	51	79.4	110	9.6	2	4-16	201	140
32	1¼"	140	32	63.5	88.9	115	11.2	2	4-16	238	160
40	1½"	165	40	73	98.4	125	12.7	2	4-16	249	160
50	2"	203	50	92	120.7	150	14.3	2	4-19	263	200
65	2½"	216	65	105	139.7	180	15.9	2	4-19	312	200
80	3"	241	80	127	152.4	190	17.5	2	4-19	336	250
100	4"	292	100	157	190.5	230	22.3	2	8-19	388	300
125	5"	356	125	185	216	255	22.3	2	8-22	467	350
150	6"	406	150	216	241.3	280	23.9	2	8-22	529	400
200	8"	495	200	270	298.5	345	27	2	8-22	667	450
250	10"	622	250	324	362	405	28.6	2	12-25	825	500
300	12"	698	300	381	431.8	485	30.2	2	12-25	947	600

尺寸 Dimensions J41W-300LB Unit:mm

Nominal	Diameter	L	d	D2	D1	D	b	f	n-φd1	H	W
15	1/2"	152	15	35	66.7	95	12.7	2	4-16	182	140
20	3/4"	178	20	43	82.6	115	14.3	2	4-19	187	140
25	1"	203	25	51	88.9	125	15.9	2	4-19	208	160
32	1¼"	216	32	63.5	98.4	135	17.5	2	4-19	244	160
40	1½"	229	40	73	114.3	155	19.1	2	4-22	255	200
50	2"	267	50	92	127	165	20.7	2	8-19	269	200
65	2½"	292	65	105	149.2	190	23.9	2	8-22	320	250
80	3"	318	80	127	168.3	210	27	2	8-22	341	250
100	4"	356	100	157	200	255	30.2	2	8-22	393	300
125	5"	400	125	185	235	280	33.4	2	8-22	477	350
150	6"	444	150	216	270	320	35	2	12-22	541	400
200	8"	559	200	270	330.2	380	39.7	2	12-25	682	500
250	10"	622	250	324	387.4	445	46.1	2	16-29	839	600
300	12"	711	300	381	450.8	520	49.3	2	16-32	957	650



日标法兰截止阀
Globe Valve Flange End

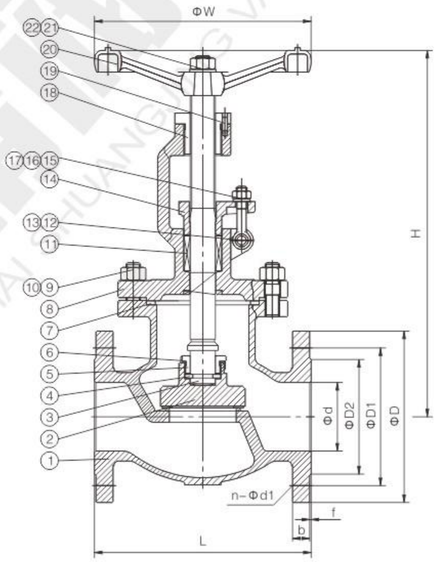
J41W-10K
J41W-20K

特点Features
- 1/2"~12" (DN15~DN300)
-工作压力W.P.: 10K/20K
-工作温度W.T.: 425℃
-升杆式/明杆Rising stem

-设计标准Design : JISB2071
-法兰标准Flange dimension : JIS 2220
-结构长度Face to face : JIS B2002
-检验&测试 Inspection & testing : JIS B2071

材料表 Material list

序号 Number	零件名称 Part name	材料 Material		
1	阀体 Body	SCPH2+13Cr	SCS 13	SCS 14
2	阀瓣 Disc	SCPH2+13Cr	SCS 13	SCS 14
3	阀杆 Stem	20Cr13	304	316
4	Open ring	45	304	316
5	Disc nut	35	304	316
6	Thrust Washer	Q235A	304	316
7	垫片 Gasket	PTFE/304+GRAPHITE		
8	阀盖 Bonnet	SCPH2	SCS 13	SCS 14
9	螺栓 Bolt	35CrMo	304	304
10	螺母 Nut	45	304	304
11	填料 Packing	PTFE/FLEXIBLE GRAPHITE		
12	Clevis pin With head	35	304	304
13	Split pin	Q235A	304	304
14	填料盖 Gland	SCPH2	SCS 13	SCS 13
15	Eye bolts	35CrMo	304	304
16	平板 Flat pad	65Mn	304	304
17	螺母 Nut	45	304	304
18	阀杆螺母 Stem nut	BRONZE		
19	Screws	35CrMo	304	304
20	手轮 Handwheel	FCD/SCPH2		
21	平板 Flat pad	65Mn	304	304
22	螺母 Nut	45	304	304



尺寸 Dimensions J41W-10K Unit:mm

Nominal	Diameter	L	d	D2	D1	D	b	f	n-φd1	H	W
15	1/2"	108	15	51	70	95	12	1	4-15	178	120
20	3/4"	117	20	56	75	100	14	1	4-15	182	140
25	1"	127	25	67	90	125	14	1	4-19	201	140
32	1¼"	140	32	76	100	135	16	2	4-19	238	160
40	1½"	165	40	81	105	140	16	2	4-19	249	160
50	2"	203	50	96	120	155	16	2	4-19	263	200
65	2½"	216	65	116	140	175	18	2	4-19	312	200
80	3"	241	80	126	150	185	18	2	8-19	336	250
100	4"	292	100	151	175	210	18	2	8-19	388	300
125	5"	356	125	182	210	250	20	2	8-23	467	350
150	6"	406	150	212	240	280	22	2	8-23	529	400
200	8"	495	200	262	290	330	22	2	12-23	667	450
250	10"	622	250	324	355	400	24	2	12-25	825	500
300	12"	698	300	368	400	445	24	3	16-25	947	600

尺寸 Dimensions J41W-20K Unit:mm

Nominal	Diameter	L	d	D2	D1	D	b	f	n-φd1	H	W
15	1/2"	152	15	51	70	95	14	1	4-15	182	140
20	3/4"	178	20	56	75	100	16	1	4-15	187	140
25	1"	203	25	67	90	125	16	1	4-19	208	160
32	1¼"	216	32	76	100	135	18	2	4-19	244	160
40	1½"	229	40	81	105	140	18	2	4-19	255	200
50	2"	267	50	96	120	155	18	2	8-19	269	200
65	2½"	292	65	116	140	175	20	2	8-19	320	250
80	3"	318	80	132	160	200	22	2	8-23	341	250
100	4"	356	100	160	185	225	24	2	8-23	393	300
125	5"	400	125	195	225	270	26	2	8-25	477	350
150	6"	444	150	230	260	305	28	2	12-25	541	400
200	8"	559	200	275	305	350	30	2	12-25	682	500
250	10"	622	250	345	380	430	34	2	12-27	839	600
300	12"	711	300	395	430	480	36	3	16-27	957	650



国标法兰旋启式止回阀
Swing Check Valve Flange End

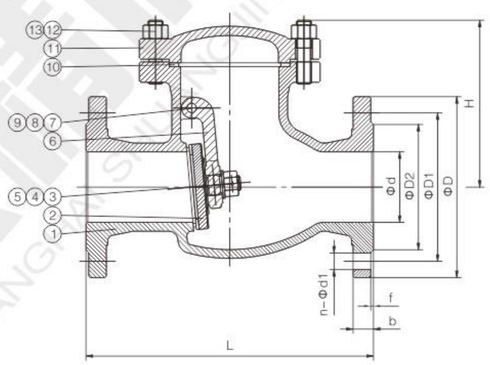
H44H-16P
H44H-40P

特点Features
- 1/2"~12" (DN15~DN300)
-工作压力W.P.: PN16/40
-工作温度W.T.: 425℃

-设计标准Design : GB/T 12236
-法兰标准Flange dimension : JB/T 79.1
-结构长度Face to face : GB/T 12236
-检验&测试 Inspection & testing : GB/T 13927,JB/T 9092

材料表 Material list

序号 Number	零件名称 Part name	材料 Material		
1	阀体 Body	WCB+13Cr	CF8	CF8M
2	阀瓣 Disc	WCB+13Cr	CF8	CF8M
3	Lat pad	65Mn	304	316
4	螺母 Nut	45	304	316
5	Split pin	Q235A	304	316
6	Arm	WCB	CF8	CF8M
7	Pin	35	304	316
8	垫圈 Washer	PTFE		
9	螺栓 Bolt	35CrMo	304	304
10	垫片 Gasket	PTFE/304+GRAPHITE		
11	阀盖 Bonnet	WCB	CF8	CF8M
12	螺栓 Bolt	35CrMo	304	304
13	螺母 Nut	45	304	304



尺寸 Dimensions H44H-16P/40P Unit:mm

Nominal	Diameter	L	d	D2	D1	D	b	f	n-φd1	H
15	1/2"	130	15	45	65	95	14	2	4-14	55
20	3/4"	150	20	55	75	105	14	2	4-14	57
25	1"	160	25	65	85	115	14	2	4-14	63
32	1¼"	180	32	78	100	135	16	2	4-18	68
40	1½"	200	40	85	110	145	16	3	4-18	77
50	2"	230	50	100	125	160	16	3	4-18	98
65	2½"	290	65	120	145	180	18	3	4-18	112
80	3"	310	80	135	160	195	20	3	8-18	125
100	4"	350	100	155	180	215	20	3	8-18	163
125	5"	400	125	185	210	250	22	3	8-18	178
150	6"	480	150	210	240	285	22	3	8-22	205
200	8"	600	200	265	295	340	24	3	12-22	236
250	10"	750	250	320	355	405	26	3	12-26	299
300	12"	850	300	375	410	460	28	3	12-26	330



法兰旋启式止回阀
Flange Swing Check Valve

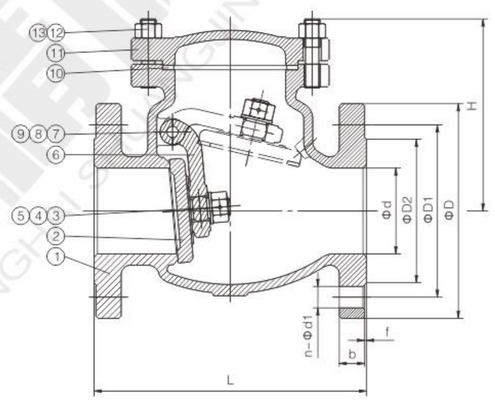
H44H-150LB（美标/ANSI）
H44H-10K（日标/JIS）

特点Features
- 1/2"~12" (DN15~DN300)
-工作压力W.P.: CLASS 150/300
-工作温度W.T.: 425℃

-设计标准Design : API6D/BS1868/ASME 16.34
-法兰标准Flange dimension : JIS B2071/ASME 16.5
-结构长度Face to face : JIS B2002/ASME 16.10
-检验&测试 Inspection & testing : JIS B2003/API 598

材料表 Material list

序号 Number	零件名称 Part name	材料 Material		
1	阀体 Body	WCB+13Cr	CF8	CF8M
2	阀瓣 Disc	WCB+13Cr	CF8	CF8M
3	Lat pad	65Mn	304	316
4	螺母 Nut	45	304	316
5	Split pin	Q235A	304	316
6	Arm	WCB	CF8	CF8M
7	Pin	35	304	316
8	垫圈 Washer	PTFE		
9	螺栓 Bolt	35CrMo	304	304
10	垫片 Gasket	PTFE/304+GRAPHITE		
11	阀盖 Bonnet	WCB	CF8	CF8M
12	螺栓 Bolt	35CrMo	304	304
13	螺母 Nut	45	304	304



尺寸 Dimensions H44H-150LB Unit:mm

Nominal	Diameter	L	d	D2	D1	D	b	f	n-φd1	H
15	1/2"	108	15	35	60.3	90	8	2	4-16	55
20	3/4"	117	20	43	70	100	8.9	2	4-16	57
25	1"	127	25	51	79.4	110	9.6	2	4-16	63
32	1¼"	140	32	63.5	88.9	115	11.2	2	4-16	68
40	1½"	165	40	73	98.4	125	12.7	2	4-16	77
50	2"	203	50	92	120.7	150	14.3	2	4-19	98
65	2½"	216	65	105	139.7	180	15.9	2	4-19	112
80	3"	241	80	127	152.4	190	17.5	2	4-19	125
100	4"	292	100	157	190.5	230	22.3	2	8-19	163
125	5"	330	125	185	216	255	22.3	2	8-22	178
150	6"	356	150	216	241.3	280	23.9	2	8-22	205
200	8"	495	200	270	298.5	345	27	2	8-22	236
250	10"	622	250	324	362	405	28.6	2	12-25	299
300	12"	698	300	381	431.8	485	30.2	2	12-25	330

尺寸 Dimensions H44H-10K Unit:mm

Nominal	Diameter	L	d	D2	D1	D	b	f	n-φd1	H
15	1/2"	108	15	51	70	95	12	1	4-15	55
20	3/4"	117	20	56	75	100	14	1	4-15	57
25	1"	127	25	67	90	125	14	1	4-19	63
32	1¼"	140	32	76	100	135	16	2	4-19	68
40	1½"	165	40	81	105	140	16	2	4-19	77
50	2"	203	50	96	120	155	16	2	4-19	98
65	2½"	216	65	116	140	175	18	2	4-19	112
80	3"	241	80	126	150	185	18	2	8-19	125
100	4"	292	100	151	175	210	18	2	8-19	163
125	5"	330	125	182	210	250	20	2	8-23	178
150	6"	356	150	212	240	280	22	2	8-23	205
200	8"	495	200	262	290	330	22	2	12-23	236
250	10"	622	250	324	355	400	24	2	12-25	299
300	12"	698	300	368	400	445	24	3	16-25	330

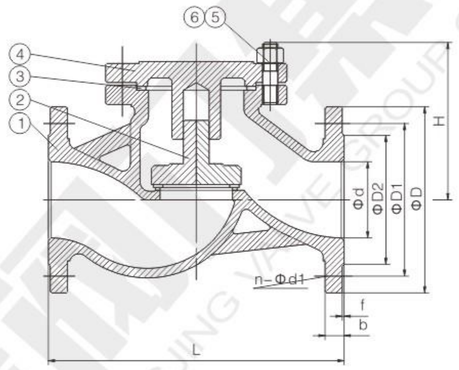
法兰升降式止回阀
Lift Check Valve Flange End

H41W-16P
H41W-150LB
H41W-10K

特点Features
- 1/2"~12" (DN15~DN300)
-工作压力W.P.: PN16 CLASS 150 10K
-工作温度W.T.: -20℃~180℃

材料表 Material list

序号 Number	零件名称 Part name	材料 Material		
1	阀体 Body	WCB+13Cr	CF8	CF8M
2	阀瓣 Disc	WCB+13Cr	CF8	CF8M
3	垫片 Gasket	PTFE/304+GRAPHITE		
4	阀盖 Bonnet	WCB	CF8	CF8M
5	螺栓 Bolt	35CrMo	304	304
6	螺母 Nut	45	304	304



尺寸 Dimensions H41W-16P Unit:mm

Nominal	Diameter	L	d	D2	D1	D	b	f	n–φd1	H
15	1/2"	130	15	45	65	95	14	2	4-14	65
20	3/4"	150	20	55	75	105	14	2	4-14	68
25	1"	160	25	65	85	115	14	2	4-14	73
32	1¼"	180	32	78	100	135	16	2	4-18	78
40	1½"	200	40	85	110	145	16	3	4-18	85
50	2"	230	50	100	125	160	16	3	4-18	103
65	2½"	290	65	120	145	180	18	3	4-18	117
80	3"	310	80	135	160	195	20	3	8-18	132
100	4"	350	100	155	180	215	20	3	8-18	147
125	5"	400	125	185	210	250	22	3	8-18	162
150	6"	480	150	210	240	285	22	3	8-22	188
200	8"	600	200	265	295	340	24	3	12-22	222
250	10"	750	250	320	355	405	26	3	12-26	265
300	12"	850	300	375	410	460	28	3	12-26	316

尺寸 Dimensions H41W-150LB Unit:mm

Nominal	Diameter	L	d	D2	D1	D	b	f	n–φd1	H
15	1/2"	130	15	35	60.3	90	12	2	4-16	65
20	3/4"	150	20	43	70	100	12.5	2	4-16	68
25	1"	160	25	51	79.4	110	12.5	2	4-16	73
32	1¼"	180	32	63.5	88.9	115	13.2	2	4-16	78
40	1½"	200	40	73	98.4	125	14.7	2	4-16	85
50	2"	230	50	92	120.7	150	16.3	2	4-19	103
65	2½"	290	65	105	139.7	180	17.9	2	4-19	117
80	3"	310	80	127	152.4	190	19.5	2	4-19	132
100	4"	350	100	157	190.5	230	24.3	2	8-19	147
125	5"	400	125	185	216	255	24.3	2	8-22	162
150	6"	480	150	216	241.3	280	25.9	2	8-22	188
200	8"	600	200	270	298.5	345	29	2	8-22	222
250	10"	750	250	324	362	405	30.6	2	12-25	265
300	12"	850	300	381	431.8	485	32.2	2	12-25	316

尺寸 Dimensions H41W-10K Unit:mm

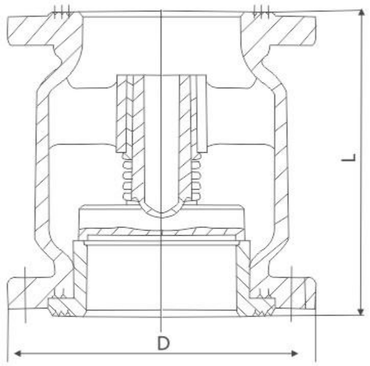
Nominal	Diameter	L	d	D2	D1	D	b	f	n–φd1	H
15	1/2"	130	15	51	70	95	12	1	4-15	65
20	3/4"	150	20	56	75	100	14	1	4-15	68
25	1"	160	25	67	90	125	14	1	4-19	73
32	1¼"	180	32	76	100	135	16	2	4-19	78
40	1½"	200	40	81	105	140	16	2	4-19	85
50	2"	230	50	96	120	155	16	2	4-19	103
65	2½"	290	65	116	140	175	18	2	4-19	117
80	3"	310	80	126	150	185	18	2	8-19	132
100	4"	350	100	151	175	210	18	2	8-19	147
125	5"	400	125	182	210	250	20	2	8-23	162
150	6"	480	150	212	240	280	22	2	8-23	188
200	8"	600	200	262	290	330	22	2	12-23	222
250	10"	750	250	324	355	400	24	2	12-25	265
300	12"	850	300	368	400	445	24	3	16-25	316



立式止回阀
Vertical check valve

16
H42H-25C、P、R
40

用途和性能规范
本阀门用于工业管道上作阻止介质逆流的装置。
性能规范
试验压力：公称压力（MPa）1.6/2.5/4.0；
壳体试验：2.4/3.8/6.0；
密封试验：1.8/2.8/4.4;
阀体材料：WCB（C）/CF8（P）/CF8M（R）/WC6/WC9;
工作温度：≤425/≤100/≤100/≤550/≤550;
适用介质：水、蒸汽、油品、硝酸类、醋酸类
执行标准
设计制造：GB12235
结构长度：GB12221
连接法兰：JB/T79-1994
试验与检验：JB/T9092-1999



Application and performance specifications
This valve is used as a device to prevent the reverse flow of medium on industrial pipelines.
Performance Specifications
Test pressure: nominal pressure (MPa) 1.6/2.5/4.0;
Shell test: 2.4/3.8/6.0;
Sealing test: 1.8/2.8/4.4;
Valve body material: WCB (C)/CF8 (P)/CF8M (R)/WC6/WC9;
Working temperature: ≤ 425/≤ 100/≤ 100/≤ 550/≤ 550;
Applicable media: water, steam, oil, nitric acid, acetic acid
Executive standards
Design and manufacture: GB12235
Structure length: GB12221
Connecting flange: JB/T79-1994
Test and inspection: JB/T9092-1999

尺寸 Dimensions H42H-16P Unit:mm

SIZE	L	D	D1	D2	b-f	z–φd
DN15	80	95	65	45	14-2	4-φ14
DN20	95	105	75	55	14-2	4-φ14
DN25	105	115	85	65	14-2	4-φ14
DN32	150	135	100	78	16-2	4-φ18
DN40	160	145	110	85	16-3	4-φ18
DN50	170	160	125	100	16-3	4-φ18
DN65	180	180	145	120	18-3	4-φ18
DN80	200	195	160	135	20-3	8-φ18
DN100	210	215	180	155	20-3	8-φ18
DN125	275	245	210	185	22-3	8-φ18
DN150	300	280	240	210	24-3	8-φ23
DN200	380	335	295	265	26-3	12-φ23
DN250	450	405	355	320	30-3	12-φ25

尺寸 Dimensions H42H-25P Unit:mm

SIZE	L	D	D1	D2	b-f	z–φd
DN15	80	95	65	45	16-2	4-φ14
DN20	95	105	75	55	16-2	4-φ14
DN25	105	115	85	65	16-2	4-φ14
DN32	150	135	100	78	18-2	4-φ18
DN40	160	145	110	85	18-2	4-φ18
DN50	170	160	125	100	20-3	4-φ18
DN65	180	180	145	120	22-3	8-φ18
DN80	200	195	160	135	22-3	8-φ18
DN100	210	230	190	160	24-3	8-φ23
DN125	275	270	220	188	28-3	8-φ25
DN150	300	300	250	218	30-3	8-φ25
DN200	380	360	310	278	34-3	12-φ25
DN250	450	425	370	335	36-3	12-φ30





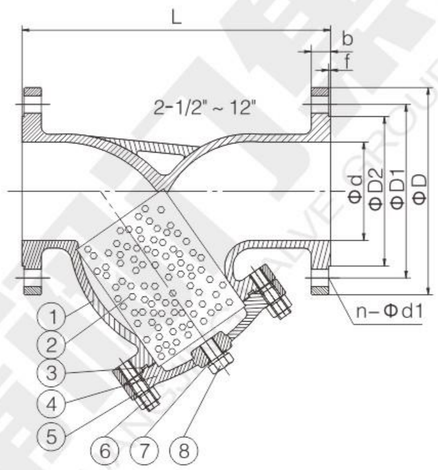
法兰过滤器
Y-Strainer Flange End

GL41H-16P
GL41H-150LB
GL41H-10K

特点Features
- 1/2"~12" (DN15~DN300)
-工作压力W.P.: PN16 CLASS 150 10K
-工作温度W.T.: 425℃

材料表 Material list

序号 Number	零件名称 Part name	材料 Material		
1	阀体 Body	WCB	CF8	CF8M
2	Screen	304	304	316
3	垫片 Gasket	PTFE		
4	阀盖 Bonnet	WCB	CF8	CF8M
5	螺栓 Bolt	304		
6	螺母 Nut	304		
7	垫片 Gasket	PTFE		
8	Plug	304	304	316



尺寸 Dimensions GL41H-16P Unit:mm

Nominal	Diameter	L	d	D2	D1	D	b	f	n-φd1
15	1/2"	130	15	45	65	95	14	2	4-14
20	3/4"	150	20	55	75	105	14	2	4-14
25	1"	160	25	65	85	115	14	2	4-14
32	1¼"	165	32	78	100	135	16	2	4-18
40	1½"	200	40	85	110	145	16	3	4-18
50	2"	220	50	100	125	160	16	3	4-18
65	2½"	250	65	120	145	180	18	3	4-18
80	3"	280	80	135	160	195	20	3	8-18
100	4"	320	100	155	180	215	20	3	8-18
125	5"	340	125	185	210	245	22	3	8-18
150	6"	385	150	210	240	280	22	3	8-23
200	8"	480	200	265	295	335	24	3	12-23
250	10"	545	250	320	355	405	26	3	12-26
300	12"	605	300	375	410	460	28	3	12-26

尺寸 Dimensions GL41H-150LB Unit:mm

Nominal	Diameter	L	d	D2	D1	D	b	f	n-φd1
15	1/2"	120	15	35	60.3	90	12	2	4-16
20	3/4"	140	20	43	70	100	12.5	2	4-16
25	1"	150	25	51	79.4	110	12.5	2	4-16
32	1¼"	170	32	63.5	88.9	115	13.2	2	4-16
40	1½"	190	40	73	98.4	125	14.7	2	4-16
50	2"	215	50	92	120.7	150	16.3	2	4-19
65	2½"	250	65	105	139.7	180	17.9	2	4-19
80	3"	285	80	127	152.4	190	19.5	2	4-19
100	4"	300	100	157	190.5	230	24.3	2	8-19
125	5"	350	125	185	216	255	24.3	2	8-22
150	6"	380	150	216	241.3	280	25.9	2	8-22
200	8"	480	200	270	298.5	345	29	2	8-22
250	10"	545	250	324	362	405	30.6	2	12-25
300	12"	605	300	381	431.8	485	32.2	2	12-25

尺寸 Dimensions GL41H-10K Unit:mm

Nominal	Diameter	L	d	D2	D1	D	b	f	n-φd1
15	1/2"	120	15	51	70	95	12	1	4-15
20	3/4"	140	20	56	75	100	14	1	4-15
25	1"	150	25	67	90	125	14	1	4-19
32	1¼"	170	32	76	100	135	16	2	4-19
40	1½"	190	40	81	105	140	16	2	4-19
50	2"	215	50	96	120	155	16	2	4-19
65	2½"	250	65	116	140	175	18	2	4-19
80	3"	285	80	126	150	185	18	2	8-19
100	4"	300	100	151	175	210	18	2	8-19
125	5"	350	125	182	210	250	20	2	8-23
150	6"	380	150	212	240	280	22	2	8-23
200	8"	480	200	262	290	330	22	2	12-23
250	10"	545	250	324	355	400	24	2	12-25
300	12"	605	300	368	400	445	24	3	12-25

THREADED GATE GLOBE CHECK VALVE SERIES
丝扣闸截止阀门系列

螺纹阀门是一种阀门配件，主要指阀门阀体上带有内螺纹或外螺纹，与管道螺纹连接。螺纹连接的阀门通常用常低压的工程上面。如要用在高压阀门上则不可用，需采用焊接链接阀门或者法兰连接的阀门。

Threaded valve is a valve fitting, mainly refers to the valve body with internal thread or external thread, which is connected with the pipe thread. Threaded valves are usually used for normal and low pressure projects. If it is used on high pressure valves, it is not available. Welded link valves or flanged valves are required.



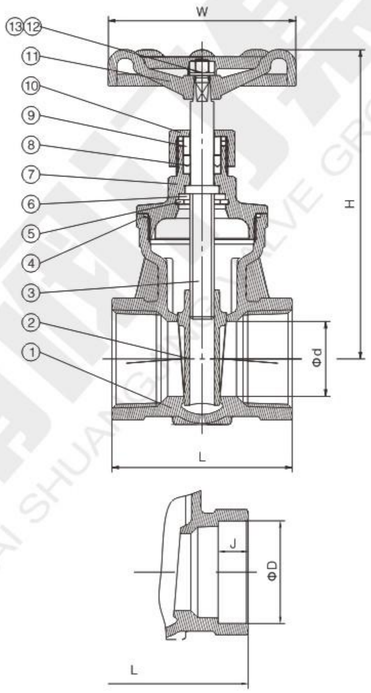
内螺纹闸阀
Gate Valve Thread End
Socket Weld End

Z15W-16P

特点Features
- 1/2"~2" (DN15~DN50)
- 工作压力 W.P.200WOG（PN16）
- 工作温度 W.T.：425℃
- 精密铸造 Investment casting
- 非升杆式/暗杆 Non-rising stem
- 螺纹连接标准 Thread end：ASME B1.20.1（NPT），DIN 259/DIN 2999, BS 21, ISO 288-1,ISO 7-1
- 承插焊连接标准 Socket weld end： ASME B16.11

材料表 Material list

序号 Number	零件名称 Part name	材料 Material		
1	阀体 Body	WCB	CF8	CF8M
2	闸板 Wedge disc	CF8	CF8	CF8M
3	阀杆 Stem	304	304	316
4	垫片 Gasket	PTFE		
5	轴用挡圈 Circlips for shaf	304	304	316
6	垫圈 Washer	304	304	316
7	阀盖 Bonnet	WCB	CF8	CF8M
8	填料 Packing	PTFE		
9	填料盖 Gland	304		
10	阀盖螺母 Bonnetnut	WCB	CF8	CF8M
11	手轮 Handwheel	ZL101		
12	平板 Flatpad	304		
13	螺母 Nut	304		



尺寸 Dimensions

Unit:mm

尺寸 SIZE		d	L	H	W	D	J
1/2"	DN15	15	52	97	70	21.8	9.5
3/4"	DN20	20	57.5	103	70	27.2	12.5
1"	DN25	25	61.5	113	70	33.9	12.5
1-1/4"	DN32	32	70.5	132	80	42.7	12.5
1-1/2"	DN40	40	74.5	156	100	48.8	12.5
2"	DN50	50	84	172	100	61.2	16

内螺纹截止阀
Globe Valve Thread End
Socket Weld End

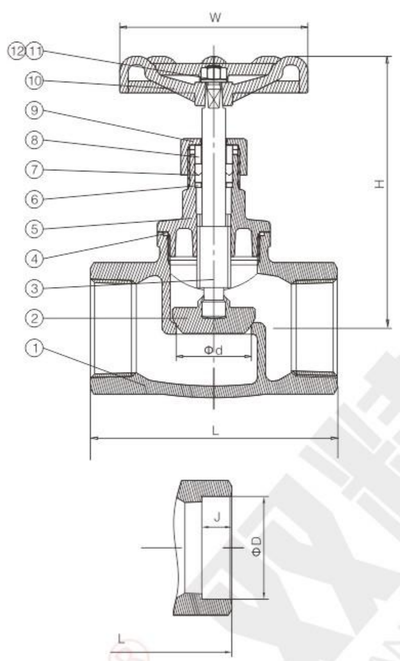
J11H-16P

特点Features
1. 1/2"~2"(DN15~DN50)
2. 工作压力 W.P.：200WOG（PN16）
3. 工作温度 W.T.：425℃
4. 精密铸造 Investment casting
5. 升杆式/明杆 Rising stem
6. 螺纹连接标准 Thread end：ASME B1.20.1（NPT），DIN 259/DIN 2999, BS 21, ISO 288-1,ISO 7-1

. 承插焊连接标准 Socket weld end：ASME B16.11

材料表 Material list

序号 Number	零件名称 Part name	材料 Material		
1	阀体 Body	WCB	CF8	CF8M
2	阀瓣 Disc	CF8	CF8	CF8M
3	阀杆 Stem	304	304	316
4	垫片 Gasket	PTFE		
5	阀盖 Bonnet	WCB	CF8	CF8M
6	垫圈 Washer	304	304	316
7	填料 Packing	PTFE		
8	填料盖 Gland	304		
9	阀盖螺母 Bonnet nut	WCB	CF8	CF8M
10	手轮 Handwheel	ZL101		
11	平板 Flatpad	304		
12	螺母 Nut	304		



尺寸 Dimensions

Unit:mm

尺寸 SIZE		d	L	H	W	D	J
1/2"	DN15	15	63	88	70	21.8	9.5
3/4"	DN20	20	77	93	70	27.2	12.5
1"	DN25	25	85	110	70	33.9	12.5
1-1/4"	DN32	32	98	116	80	42.7	12.5
1-1/2"	DN40	40	115	132	100	48.8	12.5
2"	DN50	50	135	145	100	61.2	16

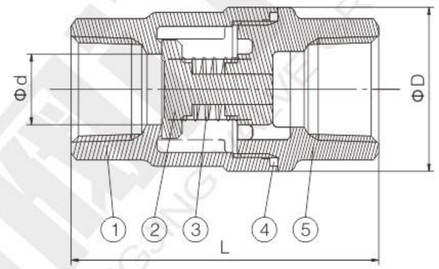
二片式立式止回阀
2PC vertical check valve

2PC-H12W-1000

特点Features
- 1/4"~2"(DN6~DN50)
- 工作压力 W.P. : 1000WOG（PN63）
- 工作温度 W.T. : -20℃~425℃
- 精密铸造 Investment casting
- 螺纹连接标准 Thread end : ASME B1.20.1（NPT），DIN 259/DIN 2999, BS 21, ISO288-1,ISO7-1

材料表 Material list

序号 Number	零件名称 Part name	材料 Material		
1	阀体 Body	WCB	CF8	CF8M
2	阀瓣 Disc	CF8	CF8	CF8M
3	弹簧 Spring	304	304	316
4	垫片 Gasket	PTFE		
5	阀盖 Bonnet	WCB	CF8	CF8M



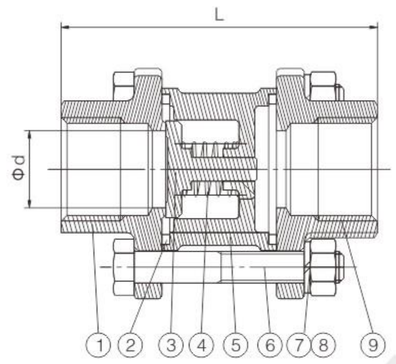
尺寸 Dimensions Unit:mm

尺寸 SIZE		d	L	D
1/4"	DN6	10	52	32
3/8"	DN10	12	52	32
1/2"	DN15	14	60	35
3/4"	DN20	19	69	40
1"	DN25	24	80	46.5
1-1/4"	DN32	31	87	56
1-1/2"	DN40	38	100	67
2"	DN50	49	119	80.5

三片式立式止回阀
3PC Vertical Check Valve
Thread End

3PC-H12W-1000

特点Features
- 1/2"~2"(DN15~DN50)
- 工作压力 W.P. : 1000WOG（PN63）
- 工作温度 W.T. : -20℃~425℃
- 精密铸造 Investment casting
- 螺纹连接标准 Thread end : ASME B1.20.1（NPT），DIN 259/DIN 2999, BS 21, ISO288-1,ISO7-1



材料表 Material list

序号 Number	零件名称 Part name	材料 Material		
1	阀盖 Bonnet	WCB	CF8	CF8M
2	垫片 Gasket	PTFE		
3	阀瓣 Disc	CF8	CF8	CF8M
4	弹簧 Spring	304	304	316
5	阀体 Body	WCB	CF8	CF8M
6	螺栓 Bolt	304		
7	弹簧垫圈 SPRING WASHER	304		
8	螺母 Nut	304		
9	阀盖 Bonnet	WCB	CF8	CF8M

尺寸 Dimensions Unit:mm

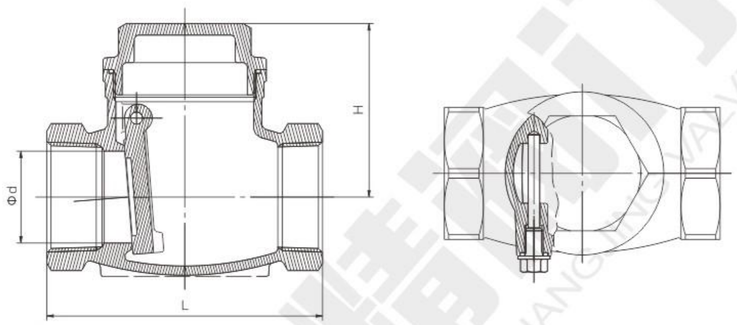
尺寸 SIZE		d	L
DN15	1/2"	14	70
DN20	3/4"	19	77
DN25	1"	24	90
DN32	1-1/4"	31	100
DN40	1-1/2"	38	112
DN50	2"	49	125



内螺纹旋启式止回阀
Swing Check Valve Thread End
Socket Weld End

H14W-16P

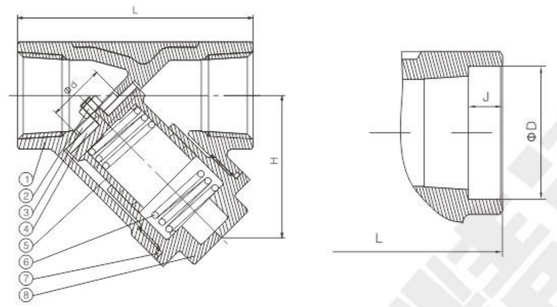
特点Features
- 1/4"~3"(DN6~DN80)
- 工作压力 W.P.: 200WOG（PN16)
- 工作温度 W.T.: -20℃~180℃
- 精密铸造 Investment casting
- 旋启式阀瓣 Swing type disc
- 精密研磨 Presiciongrinding
- 螺纹连接标准 Thread end : ASMEB1.20.1（NPT），
  DIN 259/DIN 2999, BS 21,
  ISO 288-1,ISO 7-1
- 承插焊连接标准 Socket weld end : ASME B16.11



尺寸 Dimensions Unit:mm

尺寸 SIZE		d	L	H	D	J
DN6	1/4"	11	62	48	14.2	9.5
DN10	3/8"	11	62	48	17.6	9.5
DN15	1/2"	15	62	48	21.8	9.5
DN20	3/4"	20	75	52	27.2	12.5
DN25	1"	25	84	58	33.9	12.5
DN32	1-1/4"	32	102	70	42.7	12.5
DN40	1-1/2"	39	115	76	48.8	12.5
DN50	2"	50	127	82	51.2	16
DN65	2-1/2"	63	156	91.5	73.9	16
DN80	3"	76	188	102	89.8	16

特点Features
- 1/4"~3"(DN6~DN80)
- 工作压力 W.P.: 200WOG（PN16)
- 工作温度 W.T.: -20℃~180℃
- 精密铸造 Investment casting
- 螺纹连接标准 Thread end : ASME B1.20.1（NPT），
  DIN 259/DIN 2999, BS 21,
  ISO 288-1,ISO 7-1
- 承插焊连接标准 Socket weld end : ASME B16.11





Y型止回阀
Y Spring Check Valve Thread End
Socket Weld End

H13W-16P

材料表 Material list

序号 Number	零件名称 Part name	材料 Material		
1	阀体 Body	WCB	CF8	CF8M
2	螺母 Nut	304	304	316
3	垫圈 Washer	304	304	316
4	阀座 Seat	PTFE		
5	阀瓣 Disc	CF8	CF8	CF8M
6	弹簧 Spring	304	304	316
7	垫片 Gasket	PTFE		
8	阀盖 Bonnet	WCB	CF8	CF8M

尺寸 Dimensions Unit:mm

尺寸 SIZE		d	L	H	D	J
DN6	1/4"	12	60	41	14.2	9.5
DN10	3/8"	12	60	41	17.6	9.5
DN15	1/2"	15	60	41	21.8	9.5
DN20	3/4"	20	75	52	27.2	12.5
DN25	1"	24	85	60	33.9	12.5
DN32	1-1/4"	32	104	79	42.7	12.5
DN40	1-1/2"	39	108	82	48.8	12.5
DN50	2"	50	126	94	61.2	16
DN65	2-1/2"	63	165	106	73.9	16
DN80	3"	76	192	120	89.8	16

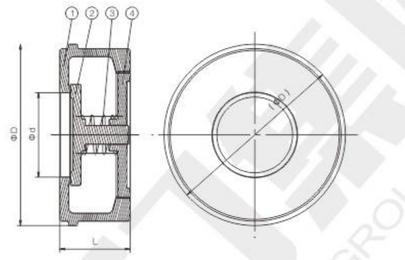
对夹式止回阀
Wafer Type Disc Spring Check Valve

H71P-16P
H74P-16P
H76P-16P

特点Features
- 1/2"~12" (DN15~DN300)
- 工作压力W.P. : PN16/25/40
- W.T. : 工作温度-20℃~180℃
- Investment casting
- Metal seal or Soft seal

材料表 Material list

序号 Number	零件名称 Part name	材料 Material		
1	阀体 Body	WCB	CF8	CF8M
2	阀瓣 Disc	CF8	CF8	CF8M
3	弹簧 Spring	304	304	316
4	阀盖 Bonnet	WCB	CF8	CF8M



尺寸 Dimensions ①② Unit:mm

尺寸 SIZE		d	L	D
DN50	2"	25	15	104
DN65	2-1/2"	38	15	125
DN80	3"	46	16	140
DN100	4"	71.5	16	160
DN125	5"	95	17	185
DN150	6"	115	19	220
DN200	8"	140	26	270
DN250	10"	188	29	330
DN300	12"	216	38	380

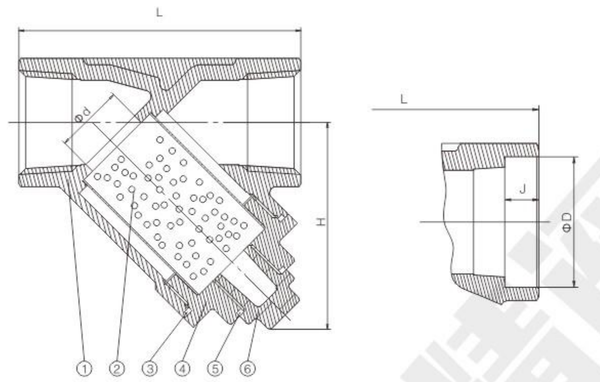
③ Unit:mm

H76X-$\frac{6}{10}$ 连接尺寸 CONNECTION SIZE																			
通径DN	50	65	80	100	125	150	200	250	300	350	400	450	500	600	700	800	900	1000	1200
L	43	46	64	64	70	76	89	114	114	127	140	152	152	178	229	241	241	300	360
D	100	120	135	155	185	185	265	320	368	428	482	532	585	685	800	905	1005	1115	1325

Y型过滤器
Y-strainer Thread End
Socket Weld End

GL11H-16P

特点Features
- 1/4"~3"(DN6~DN80)
- 工作压力 W.P.: 200WOG（PN16)
- 工作温度 W.T.: -20℃~180℃
- 精密铸造 Investment casting
- 螺纹连接标准 Thread end : ASME B1.20.1（NPT），DIN 259/DIN 2999, BS 21, ISO 288-1,ISO 7-1
- 承插焊连接标准 Socket weld end : ASME B16.11



材料表 Material list

序号 Number	零件名称 Part name	材料 Material		
1	阀体 Body	WCB	CF8	CF8M
2	Screen	304	304	316
3	垫片 Gasket	PTFE		
4	阀盖 Bonnet	WC8	CF8	CF8M
5	垫片 Gasket	PTFE		
6	Plug	WCB	CF8	CF8M

尺寸 Dimensions Unit:mm

尺寸 SIZE		d	L	H	D	J
DN6	1/4"	11	65	45	14.2	9.5
DN10	3/8"	11	65	45	17.6	9.5
DN15	1/2"	15	65	45	21.8	9.5
DN20	3/4"	20	80	58.5	27.2	12.5
DN25	1"	22	90	66	33.9	12.5
DN32	1-1/4"	32	105	84.5	42.7	12.5
DN40	1-1/2"	39	120	87.5	48.8	12.5
DN50	2"	50	140	99.5	61.2	16
DN65	2-1/2"	63	170	113	73.9	16
DN80	3"	76	195	130	89.8	16

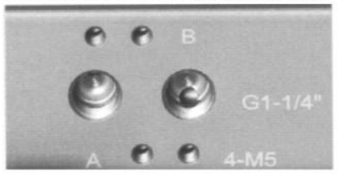
气动选型参数Pneumatic selection parameters

1.工作介质：
干燥或润滑的空气或无腐蚀性气体介质中杂质微粒小于30μm.
2.气源压力：
最小气源压力3bar，最大气源压力8bar.
3.介质环境温度：
标准：-20℃～+80℃
低温：-40℃～+80℃
高温：-20℃～+160℃
4.行程调节：
0°和90°两个位置
有±5°的调节范围
5.使用场合：室内或室外安装

1.Operating media:
Dry or lubricated air, or the non-corrosive gasses
the maximum particle diameter must less than 30 μ m
2.Air supply pressure:
The Min supply pressure is 3 Bar
The Max supply pressure is 8 Bar
3.Operating temperature:
Standard: -20℃～+80℃
Low temperature:-40℃～+80℃
High temperature: -20～+160℃
4.Travel adjustment:
Have adjustment range of ±5°for the rotation at 0°and 90°
5.Use occasions:Indoor or outdoor installation

动作形式 Operating type

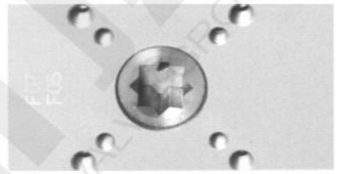
双作用和单作用 Double acting and spring return



气源接口符合 NAMUR 标准，可简单方便地安装电磁阀。
Air supply connection is designed in accordance with NAMUR Standard to install solenoid valves.



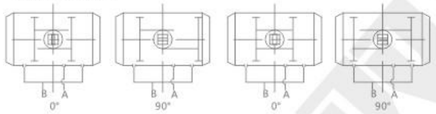
输出轴的NAMUR标准槽和缸体上部标准安装孔，可使限位开关、定位器直接啮合和安装。
The Namur drive pinion and the Namur top mounting connection permit direct installation of accessories such as limit switch box and positioner.



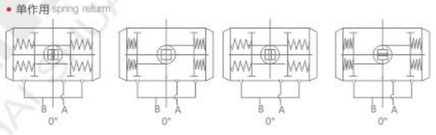
底部安装孔设计符合ISO5211、DIN3337标准,可以直接安装离合器(气动手轮机构)或安装机架.
Bottom mounting connection is designed in accordance with ISO5211 and DIN3337 standards for direct mounting with valve gear boxes or mounting brackets.

工作原理 Working Principle

• 双作用 Double acting



• 单作用 spring return





单作用执行器弹簧位置
Spring positions of Spring Return Actuators





双作用执行器输出扭矩(单位:Nm) Double Acting Actuator Output Torque(Unit:Nm)

型号 Model	输入气源压力（单位：巴）Input air supply pressure (unit:Bar)						
	2	3	4	5	6	7	8
AT32D	3.1	4.7	6.2	7.8	9.4	11	12.5
AT52D	8.5	12.7	17	21.2	25.5	29.7	34
AT63D	15	22.5	30	37.5	44.9	52.4	59.7
AT75D	21	31.8	42.4	53	63.6	74.2	84.8
AT83D	32.5	48.7	65	81.2	97.4	113.7	130
AT92D	46.5	69.8	93	116.3	140	162.9	186
AT105D	69.3	104	138.5	173.2	207.8	242.5	277
AT115D	95	129	172	215	258	301	344
AT125D	108	162	216	270	324	378	432
AT140D	184.7	277	369.5	461.8	554	646.5	739
AT160D	281.5	422	563	704	844	985	1126
AT190D	453	680	907	1135	1361	1587	1814
AT210D	554	831	1108	1384	1662	1939	2216
AT240D	814	1221	1628	2035	2442	2849	3256
AT270D	1236	1854	2472	3090	3708	4326	4944

单作用执行器输出扭矩（单位：Nm）Spring Return Actuator Output Torque(Unit:Nm)

气源克服弹簧输出力矩 Output torque of air to spring														弹簧输出力矩 Output torque spring	
气源气压 Air supply pressure		3Bar		4Bar		5Bar		6Bar		7Bar		8Bar			
型号 Model	弹簧数量 Spring Qty	0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	0°	90°
		开始 Start	结束 End	开始 Start	结束 End	开始 Start	结束 End	开始 Start	结束 End	开始 Start	结束 End	开始 Start	结束 End	开始 Start	结束 End
AT52SR	5	8.8	7.3	13.0	11.6									5.4	4.0
	6	8.0	6.3	12.2	10.5	16.5	14.8							6.5	4.7
	7	8.2	5.2	11.5	9.4	15.7	13.7	20.0	17.9					7.6	5.5
	8	6.4	4.1	10.7	8.3	14.9	12.6	19.2	16.8	23.4	21.1			8.6	6.3
	9			9.9	7.3	14.1	11.5	18.4	15.8	22.6	20.0	26.9	24.3	9.7	7.1
	10			9.1	6.2	13.3	10.4	17.6	14.7	21.8	18.9	26.1	23.2	10.8	7.9
	11					12.5	9.4	16.8	13.6	21.0	17.9	25.3	22.1	11.9	8.7
	12					11.8	8.3	16.0	12.5	20.3	16.8	24.5	21.0	13.0	9.5
AT63SR	5	15.7	12.5	23.1	20.0									9.9	6.8
	6	14.3	10.5	21.8	18.0	29.3	25.5							11.9	8.1
	7	13.0	8.5	20.4	16.0	27.9	23.5	35.4	31.0					13.9	9.5
	8	11.6	6.5	19.1	14.0	26.6	21.5	34.0	29.0	41.5	36.5			15.9	10.8
	9			17.7	12.0	25.2	19.5	32.7	27.0	40.2	34.5	47.6	42.0	17.9	12.2
	10			16.4	10.0	23.8	17.5	31.3	25.0	38.8	32.5	46.3	40.0	19.9	13.6
	11					22.5	15.5	30.0	23.0	37.5	30.5	44.9	38.0	21.9	14.9
	12					21.1	13.5	28.6	21.0	36.1	28.5	43.6	36.0	23.9	16.3
AT75SR	5	27.0	21.6	39.3	34.0									15.5	10.2
	6	24.9	18.5	37.3	30.9	49.7	43.3							18.6	12.2
	7	22.9	15.5	35.3	27.8	47.6	40.2	60.0	52.6					21.7	14.2
	8	20.9	12.4	33.2	24.7	45.6	37.1	58.0	49.5	70.4	61.8			24.8	16.2
	9			31.2	21.6	43.6	34.0	56.0	46.4	68.3	58.7	80.7	71.1	27.8	18.3
	10			29.2	18.5	41.6	30.9	53.9	43.3	66.3	55.7	78.8	68.0	30.9	20.3
	11					39.5	27.8	51.9	40.2	64.3	52.6	76.6	64.9	34.0	22.3
	12					37.5	24.7	49.9	37.1	62.2	49.5	74.6	61.8	37.1	24.4

单作用执行器输出扭矩（单位：Nm）Spring Return Actuator Output Torque(Unit:Nm)

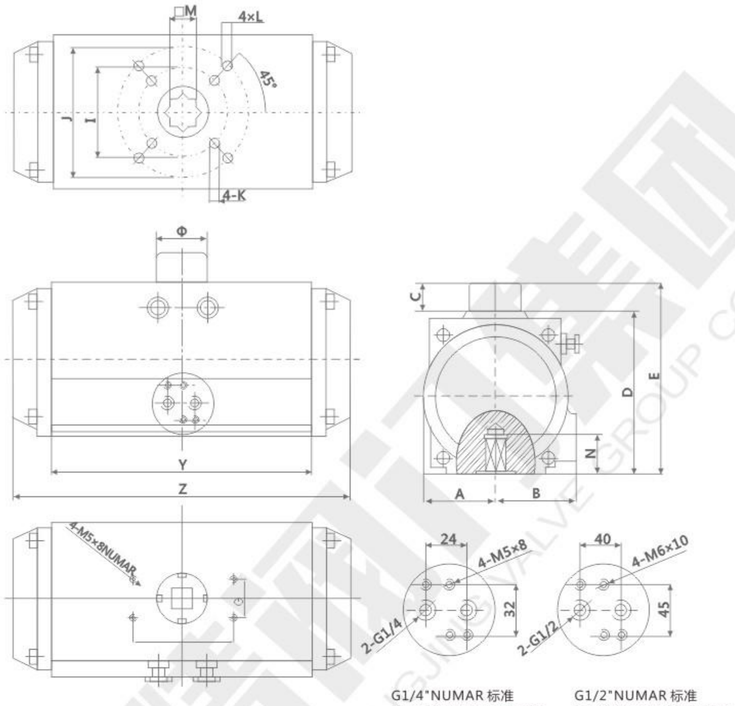
型号 Model	弹簧数量 Spring Qty	气源克服弹簧输出力矩 Output torque of air to spring												弹簧输出力矩 Output torque spring	
气源气压 Air supply pressure		3Bar		4Bar		5Bar		6Bar		7Bar		8Bar			
		0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	0°	90°
		开始 Start	结束 End	开始 Start	结束 End	开始 Start	结束 End	开始 Start	结束 End	开始 Start	结束 End	开始 Start	结束 End	开始 Start	结束 End
AT83S	5	33.8	27.2	50.1	43.4									21.5	14.9
	6	30.9	22.9	47.1	39.1	63.3	55.3							25.8	17.8
	7	27.9	18.6	44.1	34.8	60.4	51.0	76.6	67.3					30.1	20.8
	8	24.9	14.3	41.2	30.5	57.4	46.7	73.6	63.0	89.9	79.2			34.4	23.8
	9			38.2	26.2	54.4	42.4	70.7	58.7	86.9	74.9	103.1	91.1	38.7	26.7
	10			35.2	21.9	51.5	38.1	67.7	54.4	83.9	70.6	100.2	86.8	43.0	29.7
	11					48.5	33.8	64.7	50.1	81.0	66.3	97.2	82.5	47.3	32.7
	12					45.5	29.5	61.8	45.8	78.0	62.0	94.2	78.2	51.6	35.6
AT92S	5	48.0	39.5	71.3	62.8									30.3	21.8
	6	43.7	33.5	66.9	56.7	90.2	80.0							35.6	26.1
	7	39.3	27.4	62.6	50.7	85.8	73.9	109.1	97.2					42.4	30.5
	8	34.9	21.4	58.2	44.6	81.5	67.9	104.7	91.2	128.0	114.4			48.4	34.9
	9			53.8	38.6	77.1	61.8	100.4	85.1	123.6	108.4	146.9	131.6	54.5	39.2
	10			49.5	32.5	72.8	55.8	96.0	79.0	119.3	102.3	142.6	125.6	60.6	43.6
	11					68.4	49.7	91.7	73.0	114.9	96.3	138.2	119.5	66.6	47.9
	12					64.0	43.7	87.3	66.9	110.6	90.2	133.8	113.5	72.7	52.3
AT105S	5	64.6	57.7	99.2	92.4									46.2	39.3
	6	56.7	48.5	91.4	83.1	126.0	117.8							55.4	47.2
	7	48.9	39.3	83.5	73.9	118.2	108.5	152.8	143.2					64.6	55.0
	8	41.0	30.0	7507.0	64.7	110.3	99.3	144.9	133.9	179.6	168.6			73.9	62.9
	9			67.8	55.4	102.4	90.1	137.1	124.7	171.7	159.3	206.3	194.0	83.1	70.7
	10			59.9	46.2	94.6	80.8	129.2	115.5	163.9	150.1	198.5	184.7	92.3	78.6
	11					86.7	71.6	121.4	106.2	156.0	140.9	190.6	175.5	101.6	86.5
	12					78.9	62.4	113.5	97.0	148.1	131.6	182.8	166.3	110.8	94.3
AT115S	5	81.4	51.3	124.4	94.3	167.4	137.3							77.7	47.6
	6	71.8	35.8	114.8	78.8	157.8	121.8							93.2	57.2
	7	62.3	20.0	105.3	63.0	148.3	106.0	191.3	149.0					109.0	66.7
	8			95.8	48.0	138.8	91.0	181.8	134.0	224.8	177.0			124.0	76.2
	9			86.3	32.0	129.3	75.0	172.3	118.0	215.3	161.0	258.3	204.0	140.0	85.7
	10					119.7	60.0	162.7	103.0	205.7	146.0	248.7	189.0	155.0	95.3
	11					110.0	44.0	153.0	87.0	196.0	130.0	239.0	173.0	171.0	105.0
	12							144.0	72.0	187.0	115.0	230.0	158.0	186.0	114.0
AT125S	5	131	104	192	166									80	53
	6	120	88	182	150	243	211							96	64
	7	110	72	171	134	232	195	294	257					112	74
	8	99	56	161	118	222	179	283	241	345	302			128	85
	9			150	102	211	163	273	225	334	286	395	347	144	96
	10			139	86	201	147	262	209	323	270	385	331	160	106
	11					190	131	251	193	313	254	374	315	175	117
	12					179	115	241	177	302	2038	363	299	191	127
AT140S	5	188	144	280	236									133	89
	6	170	117	263	209	355	302							160	107
	7	152	90	245	183	337	275	430	368					187	125
	8	135	64	227	156	319	249	412	341	504	433			213	142

单作用执行器输出扭矩（单位：Nm）Spring Return Actuator Output Torque(Unit:Nm)

型号 Model	弹簧数量 Spring Qty	气源克服弹簧输出力矩 Output torque of air to spring												弹簧输出力矩 Output torque spring	
气源气压 Air supply pressure		3Bar		4Bar		5Bar		6Bar		7Bar		8Bar			
		0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	0°	90°
		开始 Start	结束 End	开始 Start	结束 End	开始 Start	结束 End	开始 Start	结束 End	开始 Start	结束 End	开始 Start	结束 End	开始 Start	结束 End
AT140S	9			209	129	302	222	394	314	486	407	579	499	240	160
	10			191	103	284	195	376	288	469	380	561	472	267	178
	11					266	169	358	261	451	353	543	446	293	196
	12					248	142	341	234	433	327	525	419	320	214
AT160S	5	286	222	427	362									201	136
	6	259	182	400	322	541	463							241	163
	7	232	141	373	282	513	423	654	564					281	190
	8	205	101	345	242	486	383	627	524	768	664			321	218
	9			318	202	459	343	600	483	741	624	881	765	361	245
	10			291	162	432	303	573	443	713	584	854	725	401	272
	11					405	263	545	403	686	544	827	685	441	299
	12					377	222	518	363	659	504	800	645	481	326
AT190S	5	448	332	675	559									349	232
	6	402	262	629	489	856	716							418	278
	7	356	192	582	419	809	646	1036	873					488	325
	8	309	123	536	350	763	576	990	803	1217	1030			558	371
	9			490	280	717	507	943	733	1170	960	1397	1187	627	418
	10			443	210	670	437	897	664	1124	891	1351	1117	697	464
	11					624	367	851	594	1077	821	1304	1048	767	510
	12					577	297	804	524	1031	751	1258	978	837	557
AT210S	5	638	468	950	780									467	297
	6	579	375	890	687	1202	998							560	356
	7	519	282	831	593	1143	905	1455	1217					654	416
	8	460	188	772	500	1083	812	1395	1123	1707	1435			747	475
	9			712	407	1024	718	1336	1030	1647	1342	1959	1653	840	535
	10			653	313	965	625	1276	937	1588	1248	1900	1560	934	594
	11					905	531	1217	843	1529	1155	1840	1467	1027	653
	12					846	438	1158	750	1469	1062	1781	1373	1121	713
AT240S	5	963	666	1452	1155									799	503
	6	862	506	1351	995	1840	1484							959	603
	7	762	346	1250	835	1739	1324	2228	1812					1119	704
	8	661	187	1150	675	1639	1164	2127	1652	2616	2141			1279	804
	9			1049	515	1538	1004	2027	1492	2525	1981	3004	2470	1439	905
	10			949	355	1437	844	1926	1333	2415	1821	2903	2310	1599	1005
	11					1337	684	1825	1173	2315	1661	2803	2150	1759	1106
	12					1236	524	1725	1013	2213	1501	2702	1990	1919	1207
AT270S	5	1431	1028	2118	1715									1033	630
	6	1305	821	1992	1508	2679	2195							1240	756
	7	1179	615	1866	1302	2553	1989	3240	2676					1446	882
	8	1053	408	1740	1095	2427	1782	3114	2469	3801	3156			1653	1008
	9			1614	889	2301	1576	2988	2263	3675	2950	4363	3637	1860	1134
	10			1488	682	2175	1369	2862	2056	3549	2743	4237	3430	2066	1260
	11					2049	1162	2736	1849	3423	2536	4111	3223	2273	1386
	12					1923	956	2610	1643	3297	2330	3985	3017	2480	1512

AT 型气动执行器
AT Pneumatic actuator

外观尺寸General Drawing



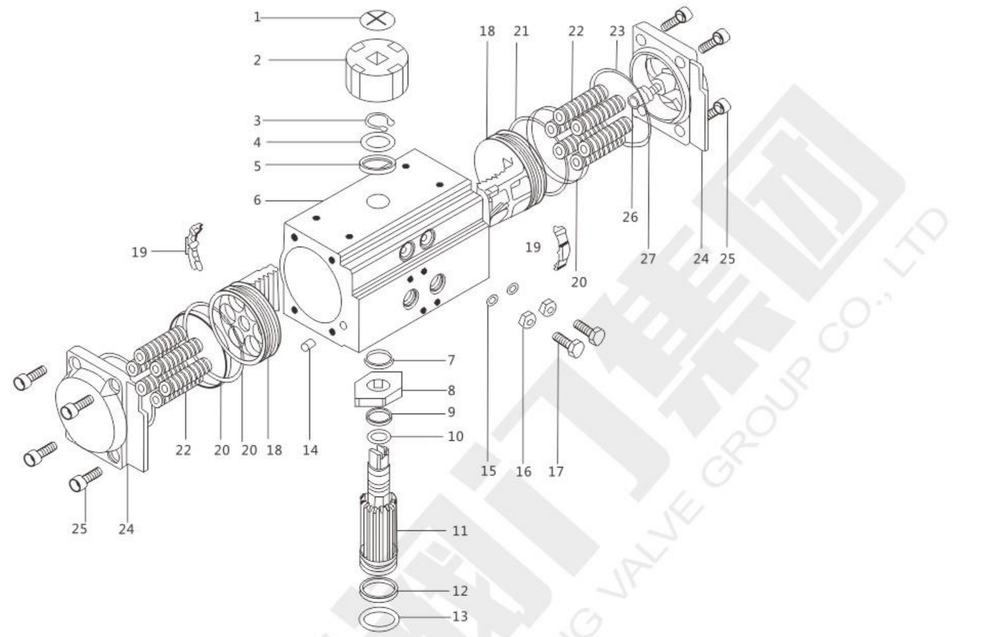
G1/4"NUMAR 标准
G1/4"NUMAR Standard

G1/2"NUMAR 标准
G1/2"NUMAR Standard

外形连接尺寸 Overview Dimension

型号Model		A	B	C	D	E	G	H	I	J	K	L	M	N	Z	¢	气源接口 Air Supply
At32	DA/SR	22.5	22.5	20	45	70	30	50	-	F03	-	M5×8	9×9	15	110	34	G1/8"
AT40	DA/SR	35	35	20	56	85	30	50	-	F03	-	M5x8	9x9	15	115	34	G1/8"
AT52	DA/SR	30	41	20	72	98	30	80	F03	F05	M5×8	M6×10	11×11	15	150	34	G1/4"
AT63	DA/SR	36	46	20	89	115	30	80	F05	F07	M6×10	M8×12	14×14	15	175	34	G1/4"
AT75	DA/SR	42	52	20	100	127	30	80	F05	F07	M6×10	M8×12	14×14	15	190	34	G1/4"
AT83	DA/SR	46	55	20	109	135	30	80	F05	F07	M6×10	M8×12	14×14	15	215	34	G1/4"
AT92	DA/SR	51	57.5	20	117	143	30	80	F05	F07	M6×10	M8×12	17×17	17	255	41	G1/4"
AT105	DA/SR	58	64	20	134	161	30	80	F07	F10	M8×12	M10×16	22×22	25	278	41	G1/4"
AT115	DA/SR	64.5	74.5	40	145	185	30	80	F07	F10	M8×12	M10×16	22*22	25	310	62	G1/4"
AT125	DA/SR	67.5	70	30	157	195	30	80	F07	F10	M8×12	M10×16	22×22	25	310	41	G1/4"
AT140	DA/SR	76	77	30	174	193	30	130	F10	F12	M10×16	M12×20	27×27	30	310	62	G1/4"
AT160	DA/SR	86.5	87.5	30	199	218	30	130	F10	F12	M10×16	M12×20	27×27	30	400	62	G1/4"
AT190	DA/SR	103	103	30	233	263	30	130	F10	F12	M10×16	M12×20	36×36	34	456	62	G1/4"
AT210	DA/SR	113	113	30	257	287	30	130	-	F12	-	M12×20	36×36	34	525	79	G1/4"
AT240	DA/SR	129	129	30	293	323	30	130	-	F16	-	M20×24	36×36	34	535	79	G1/4"
AT270	DA/SR	146	146	30	333	363	30	130	-	F16	-	M20×24	46×46	52	595	79	G1/4"

AT 型气动执行器
AT Pneumatic actuator

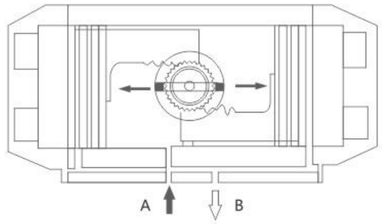


零件和材料 Parts and Materials

序号 No	零件名称 Parts name	数量 Qty	材料 Material	防腐处理 Anti-corrosive	可选材料 Optional materials
1	指示器螺钉 Indicator screw	1	塑料 Plastic		
2	指示器 Indicator	1	塑料 Plastic		
3	卡簧 Spring clip	1	不锈钢 Stainless steel		
4	垫圈 Washer	1	不锈钢 Stainless steel		
5	外垫片 Outer gasket	1	工程塑料 Engineering plastics		
6	缸体 Cylinder body	1	挤压型材6005Extruded profile	硬质氧化等 Hard anodizing	
7	内垫片 Inner gasket	1	工程塑料 Engineering plastics		
8	凸轮 Cam	1	合金钢 Alloy steel		氟/硅橡胶 Viton/Silicone rubber
9	上轴O形圈 Oring(Pinion top)	1	丁腈橡胶 NBR		
10	上轴轴承 Bearing(Pinion top)	1	工程塑料 Engineering plastics		
11	齿轴 Pinion	1	合金钢 Alloy steel	镀镍 Nickel plating	不锈钢 Stainless steel
12	下轴轴承 Bearing(Pinion botom)	1	工程塑料 Engineering plastics		
13	下轴O形圈 Oring(Pinion botom)	1	丁腈橡胶 NBR		氟/硅橡胶 Viton/Silicone rubber
14	堵头 Plug	2	丁腈橡胶 NBR		氟/硅橡胶 Viton/Silicone rubber
15	调节螺钉O形圈 Adjusting screw Oring	2	丁腈橡胶 NBR		氟/硅橡胶 Viton/Silicone rubber
16	调节螺钉螺母 Adjusting screw nut	2	不锈钢 Stainless steel		
17	调节螺栓 Adjusting bolt	2	不锈钢 Stainless steel		
18	活塞 Piston	2	压铸铝/铸钢 Engineering plastics	氧化/镀锌 Oxidation/Zinc plating	不锈钢 Stainless steel
19	活塞导板 Piston guide	2	工程塑料 Engineering plastics		
20	活塞轴承 Piston bearing	2	工程塑料 Engineering plastics		
21	活塞O形圈 Piston Oring	2	丁腈橡胶 NBR		氟/硅橡胶/氢化丁腈 Viton/Silicone rubber/HNBR
22	弹簧 Spring	0-12	弹簧钢 Spring steel	浸漆 Dipping paint	
23	端盖O形圈 End cover Oring	2	丁腈橡胶 NBR		氟/硅橡胶/氢化丁腈 Viton/Silicone rubber/HNBR
24	端盖 End cover	2	压铸铝 Cast aluminum	粉末喷涂 Powder coating	
25	端盖螺栓 End cover bolt	8	不锈钢 Stainless steel		
26	限位螺栓 Limit bolt	2	不锈钢 Stainless steel		
27	限位螺母 Limit nut	2	不锈钢 Stainless steel		

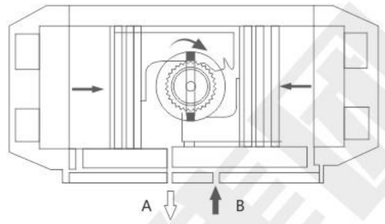
双作用式（俯视图）

Double acting (top view)



压缩空气由A口输入，使左右活塞向相反方向运动，输出轴逆时针方向转动，打开阀门，两活塞侧面空气由B口排除。

Compressed air is input from port A to make the left and right pistons move in opposite directions,The output shaft rotates counterclockwise to open the valve and air on the sides of the two pistonsExcluded by port B.

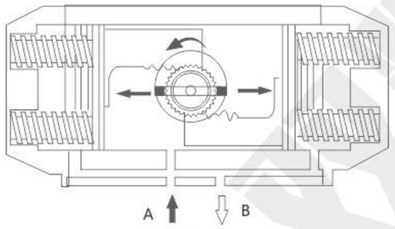


压缩空气由B口输入，使左右活塞向相反方向运动，输出轴顺时针方向转动，关闭阀门，两活塞侧面空气由A口排除。

Compressed air is input from port B to make the left and right pistons move in opposite directions,The output shaft rotates clockwise to close the valve and the sides of the two pistons are empty.Gas is removed from port A.

单作用式（俯视图）

Single acting (top view)

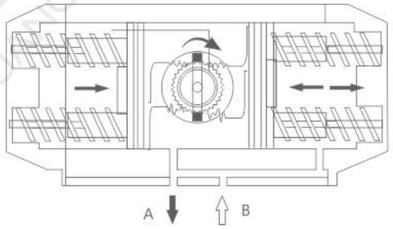


压缩空气由A口输入，使左右活塞向相反方向运动，输出轴逆时针方向转动，打开阀门，两活塞侧面空气由B口排除。

Compressed air is input from port A to make the left and right pistons move in opposite directions,The output shaft rotates counterclockwise to open the valve and air on the sides of the two pistonsExcluded by port B.

备注：

1、标准运作的旋转方向为顺时针关闭阀门，逆时针为打开阀门。
2、颠倒活塞装配的旋转方向为逆时针关闭阀门，顺时针为打开阀门。



失气或失电时，由于弹簧的作用使两活塞中心移动，输出顺时针方向，关闭阀门，空气由A口排除，B口进气可加速关闭阀门。

When losing air or power, the center of the two pistons moves due to the action of the spring, and the outputClockwise, close the valve, the air will be discharged from port A, and the intake of port B can accelerate Close the valve.

Remarks:
1. The rotation direction of standard operation is to close the valve clockwise and counterclockwise To open the valve.
2. Reverse the rotation direction of the piston assembly to close the valve counterclockwise,The hour hand opens the valve.

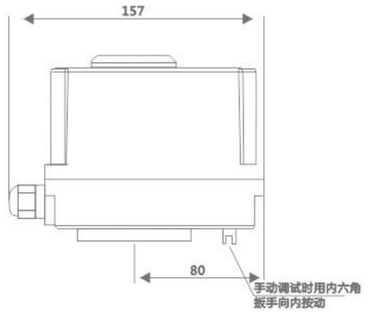
故障与对策

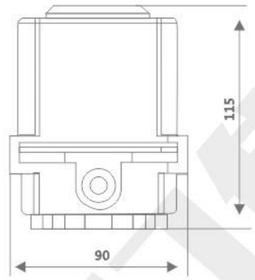
Failure and Countermeasure

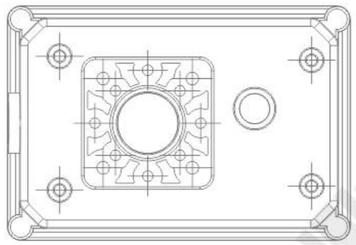
故障现象 Fault Phenomenon	检查项目 Check Item	对策 Countermeasure
气动阀门不能动作 Pneumatic vavle does not act	1、电磁阀是否正常，线圈是否烧坏，电磁阀芯是否被脏物卡死。 Does the solencid work normally?Is the circuit burned? Is the mandrel of the solenoid blocked by impurity?	更换电磁阀、更换线圈、清除脏物。 Replace the solenoid coil or remove the impurity
	2、对气动执行器单独供气试验，检查密封圈及气缸是否是损坏。 With air supplying the pneumatic actuator, are the o-rings or the cylinder broken?	更换已坏密封圈及气缸。 Replace the braken O - - rings and cylinder body
	3、阀内有杂质将阀芯卡住。 Is impurity blocking the valve?	清除杂质，更换已损件。 Clean out the impurity,replace the broken parts
	4、手动机构的手柄处在手动位置。 Is the handle of the manual equipment at the manual state ?	将手柄转到气动位置。 Put the hand le to the pneu matic state
动作迟缓、爬行 Acting slowly	1、气源压力不够。 Is the ar supply pressure rsufficient?	增加气源压力(0 m 4-0.7Mpa Improve the air pressure (0 m4-0.7Mpa)
	2、气动执行器输出扭矩过小。 Is the output torque of preumakc actuator not enough?	增大气动执行器的型号规格。 Select a bigger model of the pneumatic actu ator
	3.阀门闽芯或其他阀件装配太紧。 Is impurity blocking the valve?	重新装配调整。 Reassemble and adjust the valve
	4、气源管路堵塞，流量过小。 Is the air supply pipe blocked making the air flUX too small?	排除堵寒，更换过速器滤志。 Clean out the block, replece the filter stem
回信器无信号 The feedback has no signal	1、 电源线路短路或断路。 Is the power shorted out or stopped?	检修电源线路。 Check thec rou itry
	2、回信器内凸轮位置不准确。 Is the cam of the feedback in the incorrect position?	调整凸轮至正确位置 Adjust the cam to the corrent positicn
	3、微动开关损坏。 Is the igge on-off brcken?	更换微动开关 Replace the iiqq le on-off

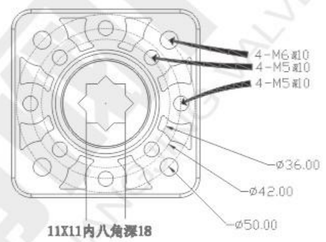
电动选型参数 Electric selection parameters

-03塑料系列外形尺寸与性能参数 -03 Dimensions and performance parameters of plastic series



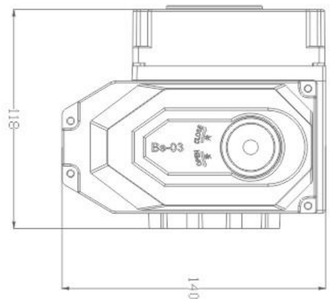


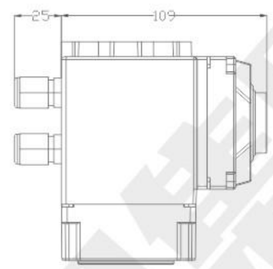


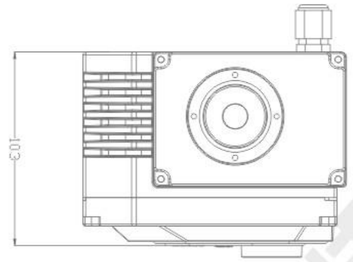


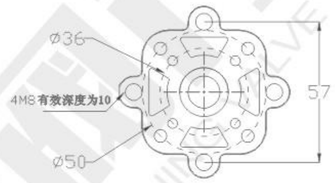
性 能 Performance / 型号 Model / 电源 Power Supply	-03					
	DC24V	DC220V	AC24V	AC110V	AC220V	AC380V
电机功率 Motor power	2W		20W			
额定电流 Rated current	0.2A	—	0.2A	—	0.1A	0.05A
输出力矩 Output torque	25−30Nm		30Nm			
运行时间 Operation hours	5S/10S/15S		10S/15S			
输出轴 Output shaft	方/Square: 11X11 深/Depth:18; 圆/Circle:Φ12.6，深/Depth:18					
电路控制 Circuit control	B型、S型、R型、H型、A型、K型、D型、T型 Type B、Type S、Type R、Type H、Type A、Type K、Type D、Type T					
转动角度 Rotation angle	0～270°					
重 量 Weight protection	1.4kg					
防护等级 Hierarchical environment	IP-67					
环境温度 Temperature	-25℃～60℃(其它温度可定做) Other temperatures can be customized					
安装角度 Installation angle	任意角度 any angle					
箱体材质 Box material	塑料件 plastic parts					
机 型 Model	可配球阀 Can be equipped with ball valve	可配蝶阀 Can be equipped with butterfly valve	信 号 Signal		特殊功能 Special function	
03S 03s	10-20	32-65	触点信号 Contact signal		无源触点 Passive contact	

-03系列外形尺寸与性能参数 -03 series dimensions and performance parameters



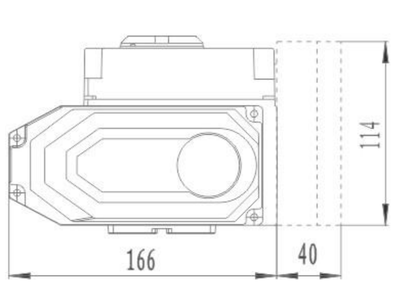


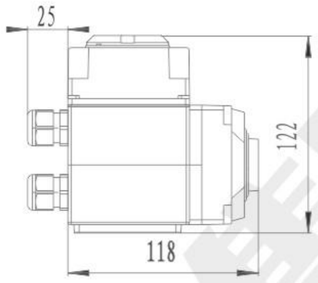




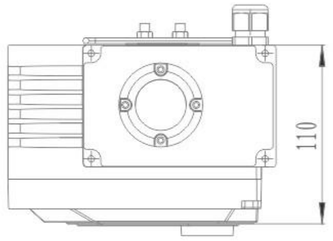
性 能 Performance / 型号 Model / 电源 Power Supply	-03					
	DC24V	DC220V	AC24V	AC110V	AC220V	AC380V
电机功率 Motor Power	9W		7W			
额定电流 Rated current	0.7A	—	—	—	0.2A	—
输出力矩 output torque	40Nm/65Nm		15Nm/30Nm/45Nm/65Nm			
运行时间 operation hours	18S		9S/10S			
输出轴 Output shaft	方/Square: 11X11 深/Depth:17; 圆/Circle:Φ12.6，深/Depth:17					
电路控制 circuit control	B型、S型、R型、H型、A型、K型、D型、T型 Type B、Type S、Type R、Type H、Type A、Type K、Type D、Type T					
转动角度 Rotation angle	0～270°					
重 量 weight	2.35kg					
耐压等级 Pressure rating	500VAC/1分钟 Minute		1500VAC/1分钟 Minute			
绝缘电阻 Insulation resistance	100MΩ/300VDC		100MΩ/500VDC			
防护等级 Protection class	IP-67					
环境温度 ambient temperature	-25℃～60℃(其它温度可定做) Other temperatures can be customized					
安装角度 installation angle	任意角度 any angle					
箱体材质 Box material	铝合金压铸件 Aluminum alloy die casting					
选装功能 Optional features	过力矩保护、加热除湿器 Over torque protection, heating dehumidifier					
机 型 Model	可配球阀 Can be equipped with ball valve	可配蝶阀 Can be equipped with butterfly valve	信 号 Signal		特殊功能 Special function	
03S 03S	10-20	32-65	触点信号 Contact signal		无源触点 Passive contact	
03R 03R	10-20	32-65	开度信号 opening signal		1K、5K电位器 1K、5K potentiometer	
03P 03P	10-20	32-65	4-20mA		机内模块控制 In-machine module control	

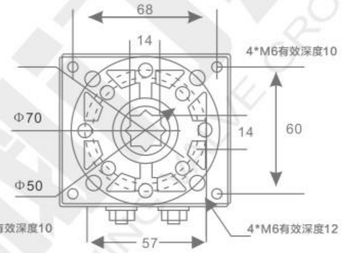
-05系列外形尺寸与性能参数 -05 series dimensions and performance parameters





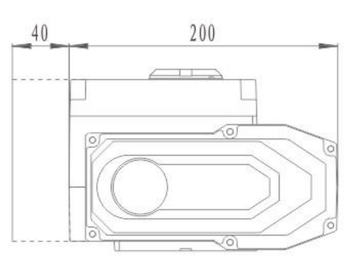
（虚线部分为模拟量控制盒，开关型无此尺寸）

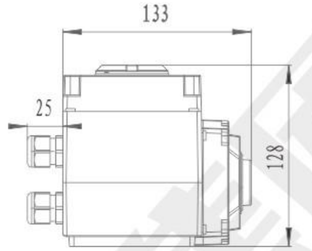




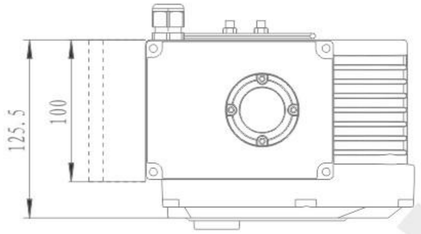
型号 Model / 电源 Power Supply / 性 能 Performance	-05					
	DC24V	DC220V	AC24V	AC110V	AC220V	AC415V
电机功率 Motor Power	20W		10W			
额定电流 Rated current	2A	0.21A	2.2A	0.48A	0.24A	0.13A
输出力矩 output torque	30Nm/50Nm		15Nm/30Nm/50Nm			
运行时间 operation hours	6S/10S		10S/20S/30S			
输出轴 Output shaft	方/Square: 11X11/14X14 深/Depth:15/18; 圆/Circle:Φ12.6，深/Depth:26					
电路控制 circuit control	B型、S型、R型、H型、A型、K型、D型、T型 Type B、Type S、Type R、Type H、Type A、Type K、Type D、Type T					
转动角度 Rotation angle	0～270°					
重　量 weight	3.26kg					
耐压等级 Pressure rating	500VAC/1分钟 Minute	1500VAC/1分钟 Minute				
绝缘电阻 Insulation resistance	100MΩ/300VDC	100MΩ/500VDC				
防护等级 Protection class	IP-67					
环境温度 ambient temperature	-25℃～60℃(其它温度可定做) Other temperatures can be customized					
安装角度 installation angle	任意角度 any angle					
箱体材质 Box material	铝合金压铸件 Aluminum alloy die casting					
选装功能 Optional features	过力矩保护、加热除湿器 Over torque protection, heating dehumidifier					
机　型 Model	可配球阀 Can be equipped with ball valve	可配蝶阀 Can be equipped with butterfly valve	信　号 Signal	特殊功能 Special function		
05S 05S	15-40	32-80	触点信号 Contact signal	无源触点 Passive contact		
05R 05R	15-40	32-80	开度信号 opening signal	1K、5K电位器 1K, 5K potentiometer		
05P 05P	15-40	32-80	4-20mA	机内模块控制 In-machine module control		

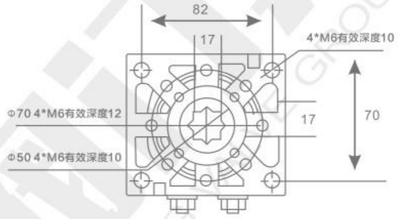
-10/16系列外形尺寸与性能参数 -10/16 series dimensions and performance parameters





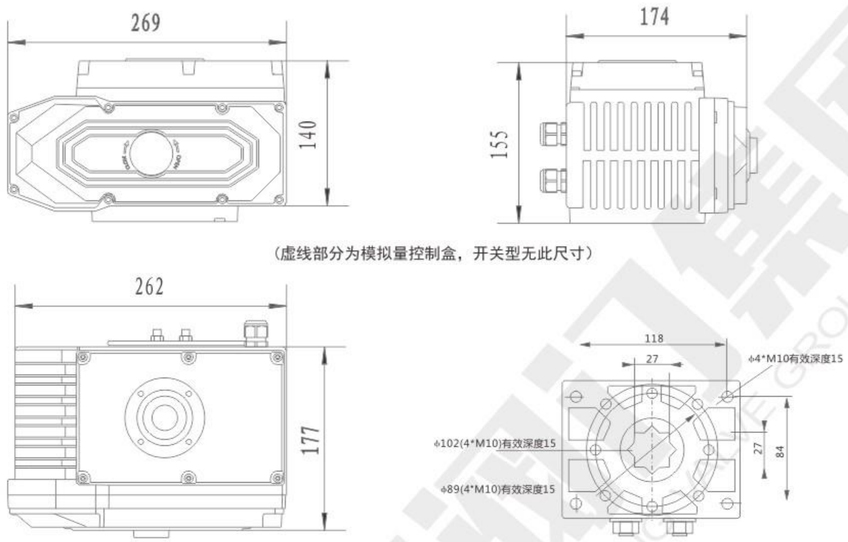
（虚线部分为模拟量控制盒，开关型无此尺寸）





型号 Model / 电源 Power Supply / 性 能 Performance	-10/16					
	DC24V	DC220V	AC24V	AC110V	AC220V	AC415V
电机功率 Motor Power	40W		25W/30W			
额定电流 Rated current	2.4A	0.32A	3A	0.64A	0.32A	0.17A
输出力矩 output torque	100Nm		50Nm/60Nm/100Nm			
运行时间 operation hours	10S		13S/15S/20S/30S			
输出轴 Output shaft	方/Square: 14X14/17X17 深/Depth:18/23; 圆/Circle:Φ15.7/Φ18.95, 深/Depth:28					
电路控制 circuit control	B型、S型、R型、H型、A型、K型、D型、T型 Type B、Type S、Type R、Type H、Type A、Type K、Type D、Type T					
转动角度 Rotation angle	0～270°					
重　量 weight	4.6kg					
耐压等级 Pressure rating	500VAC/1分钟 Minute	1500VAC/1分钟 Minute				
绝缘电阻 Insulation resistance	100MΩ/300VDC	100MΩ/500VDC				
防护等级 Protection class	IP-67					
环境温度 ambient temperature	-25℃～60℃(其它温度可定做) Other temperatures can be customized					
安装角度 installation angle	任意角度 any angle					
箱体材质 Box material	铝合金压铸件 Aluminum alloy die casting					
选装功能 Optional features	过力矩保护、加热除湿器 Over torque protection, heating dehumidifier					
机　型 Model	可配球阀 Can be equipped with ball valve	可配蝶阀 Can be equipped with butterfly valve	信　号 Signal	特殊功能 Special function		
10/16S 10/16S	25-50	80-125	触点信号 Contact signal	无源触点 Passive contact		
10/16R 10/16R	25-50	80-125	开度信号 opening signal	1K、5K电位器 1K, 5K potentiometer		
10/16P 10/16P	25-50	80-125	4-20mA	机内模块控制 In-machine module control		

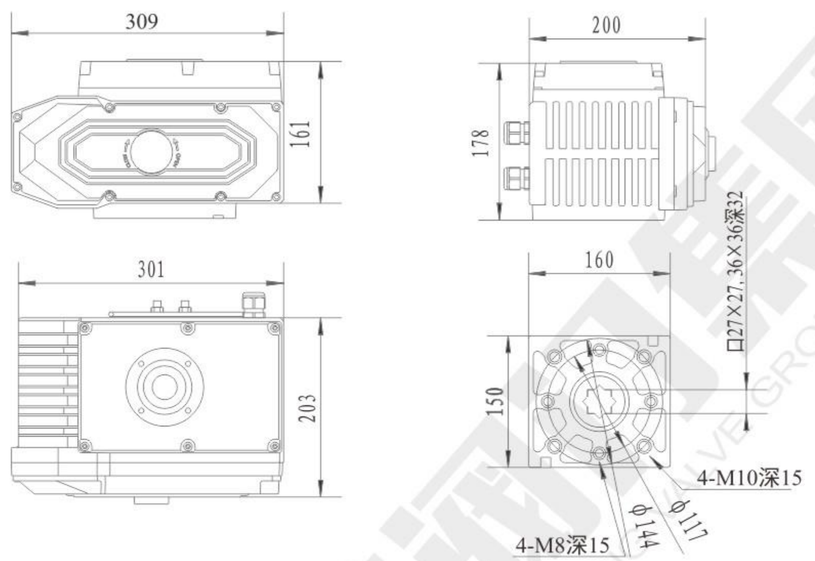
-20/60系列外形尺寸与性能参数 -20/60 series dimensions and performance parameters



型号 Model / 电源 Power Supply / 性 能 Performance	-20						-60					
	DC24V	DC220V	AC24V	AC110V	AC220V	AC380V	DC24V	DC220V	AC24V	AC110V	AC220V	AC415V
电机功率 Motor Power	40W						90W					
额定电流 Rated current	8A	0.35A	5A	0.9A	0.48A	0.25A	7A	0.9A	8A	2A	0. 92A	0.40A
输出力矩 output torque	200Nm	80Nm/100Nm/150Nm/200Nm					150Nm/250Nm/300Nm/500Nm					
运行时间 operation hours	10S	9S/15S/20S/30S/60S					9S/15S/20S/30S/60S					
输出轴 Output shaft	方/Square: 14X14/17X17 深/Depth:18/32; 圆/Circle:Φ15.7/Φ18.95, 深/Depth:28											
电路控制 circuit control	B型、S型、R型、H型、A型、K型、D型、T型											
转动角度 Rotation angle	0～270°											
重 量 weight	10kg						10. 8kg					
耐压等级 Pressure rating	100VAC/1分钟 Minute	1500VAC/1分钟 Minute										
绝缘电阻 Insulation resistance	500MΩ/300VDC	100MΩ/500VDC										
防护等级 Protection class	IP-67											
环境温度 ambient temperature	-25°C ～60°C(其它温度可定做) Other temperatures can be customized											
安装角度 installation angle	任意角度 any angle											
箱体材质 Box material	铝合金压铸件 Aluminum alloy die casting											
选装功能 Optional features	过力矩保护、加热除湿器 Over torque protection, heating dehumidifier											

机 型 Model	可配球阀 Can be equipped with ball valve	可配蝶阀 Can be equipped with butterfly valve	信 号 Signal	特殊功能 Special function
20/60S 20/60S	50-80/50-125	125-250/125-300	触点信号 Contact signal	无源触点 Passive contact
20/60R 20/60R	50-80/50-125	125-250/125-300	开度信号 opening signal	1K、5K电位器 1K、5K potentiometer
20/60P 20/60P	50-80/50-125	125-250/125-300	4-20mA	机内模块控制 In-machine module control

-100/200系列外形尺寸与性能参数 -100/200 series dimensions and performance parameters



型号 Model / 电源 Power Supply / 性 能 Performance	-100				-200			
	AC24V	AC110V	AC220V	AC380V	AC24V	AC110V	AC220V	AC415V
电机功率 Motor Power	150W				250W			
额定电流 Rated current	9A	2. 2A	1.2A	0. 48A	9A	2. 2A	1. 2A	0.45A
输出力矩 output torque	800Nm/1000Nm				2000Nm			
运行时间 operation hours	30S/50S				100S			
输出轴 Output shaft	方/Square: 27X27 深/Depth:32; 圆/Circle:Φ31.65, 深/Depth:45				Max φ45,深/Depth:65			
电路控制 circuit control	B型、S型、R型、H型、A型、K型、D型、T型 Type B、Type S、Type R、Type H、Type A、Type K、Type D、Type T							
转动角度 Rotation angle	0～270°							
重 量 weight	11. 9kg				12. 2kg			
耐压等级 Pressure rating	1500VAC/1分钟 Minute							
绝缘电阻 Insulation resistance	100MΩ/500VDC							
防护等级 Protection class	IP-67							
环境温度 ambient temperature	-25°C ～60°C(其它温度可定做) Other temperatures can be customized							
安装角度 installation angle	任意角度 any angle							
箱体材质 Box material	铝合金压铸件 Aluminum alloy die casting							
选装功能 Optional features	过力矩保护、加热除湿器 Over torque protection, heating dehumidifier							

机 型 Model	可配球阀 Can be equipped with ball valve	可配蝶阀 Can be equipped with butterfly valve	信 号 Signal	特殊功能 Special function
100/200S 100/200S	65-150/65-250	125-350/125-400	触点信号 Contact signal	无源触点 Passive contact
100/200R 100/200R	65-150/65-250	125-350/125-400	开度信号 opening signal	1K、5K电位器 1K、5K potentiometer
100/200P 100/200P	65-150/65-250	125-350/125-400	4-20mA	机内模块控制 In-machine module control