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QINGDAO V-GOAL MARINE VALVE MANUFACTURING CO., LTD.

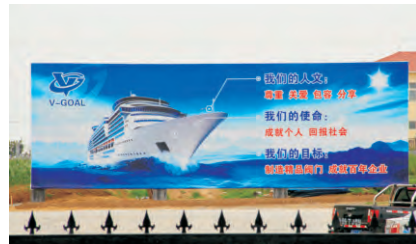
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青岛威固船用阀门制造有限公司
QINGDAO V-GOAL MARINE VALVE MANUFACTURING CO.,LTD.



COMPANY INTRODUCTION



Qingdao V-goal Marine Valve Manufacturing Co., Ltd., was established in 2011, with 50 technicians and manufacturing staffs and 5000 m2 plant area. The company locates at Jimo of Qingdao, which is a city with 2000 years of history. The company has a very convenient transportation, 4 kilometers to the exit of highway, 40 minutes driving to the airport.



We have a foundry, machining and assembling workshops and teams of sales and after-sales. We also have experienced technical engineers for casting and designing, with great ability of new products developing, and could satisfy the demands of the clients from surveying, designing, moulds, casting, machining, assembling and testing. We not only provide industry solutions but also provide services with skilled staffs of sales and services.



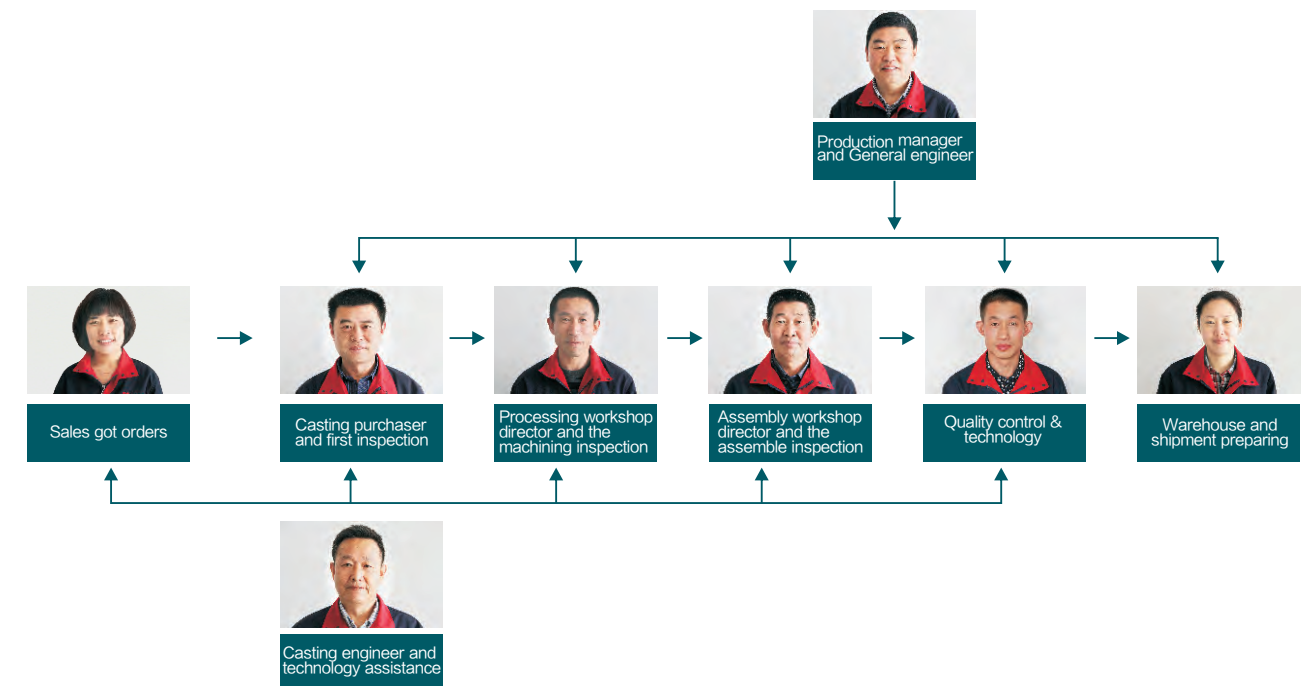
We are manufacturing gate valves, globe valves, SDNR valves and ball valves by bronze, cast steel, cast iron and cast aluminum within the standards of JIS, DIN and ANSI.

The main markets of V-goal are Japan, Korea, Europe, USA, Middle East and Southeast Asia.

We will take the attitude of concentrating, focusing and specializing, to create an enterprise with manufacturing ability, quality assurance, developing and creation, and also social responsibility.



PERSONNEL STRUCTURE OF QUALITY CONTROL



This is an entire management system. We set up several departments according to the management system of ISO, BV and ABS required, and now we're under the verifying process of DNV and GL. We can control the quality from the rough casting to final products through collaboration between departments. Then we can guarantee to customers.





ENTERPRISE INSTANCE



All photos were taken by shooting scene without beautifying. Maybe we are not big, but we work hard by heart. We will be more professional and strong. Then we can offer more and more valves to customers in high cost effective.

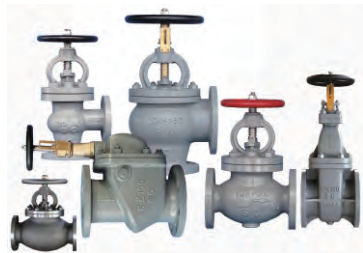


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JIS MARINE VALVE 目标船用阀门

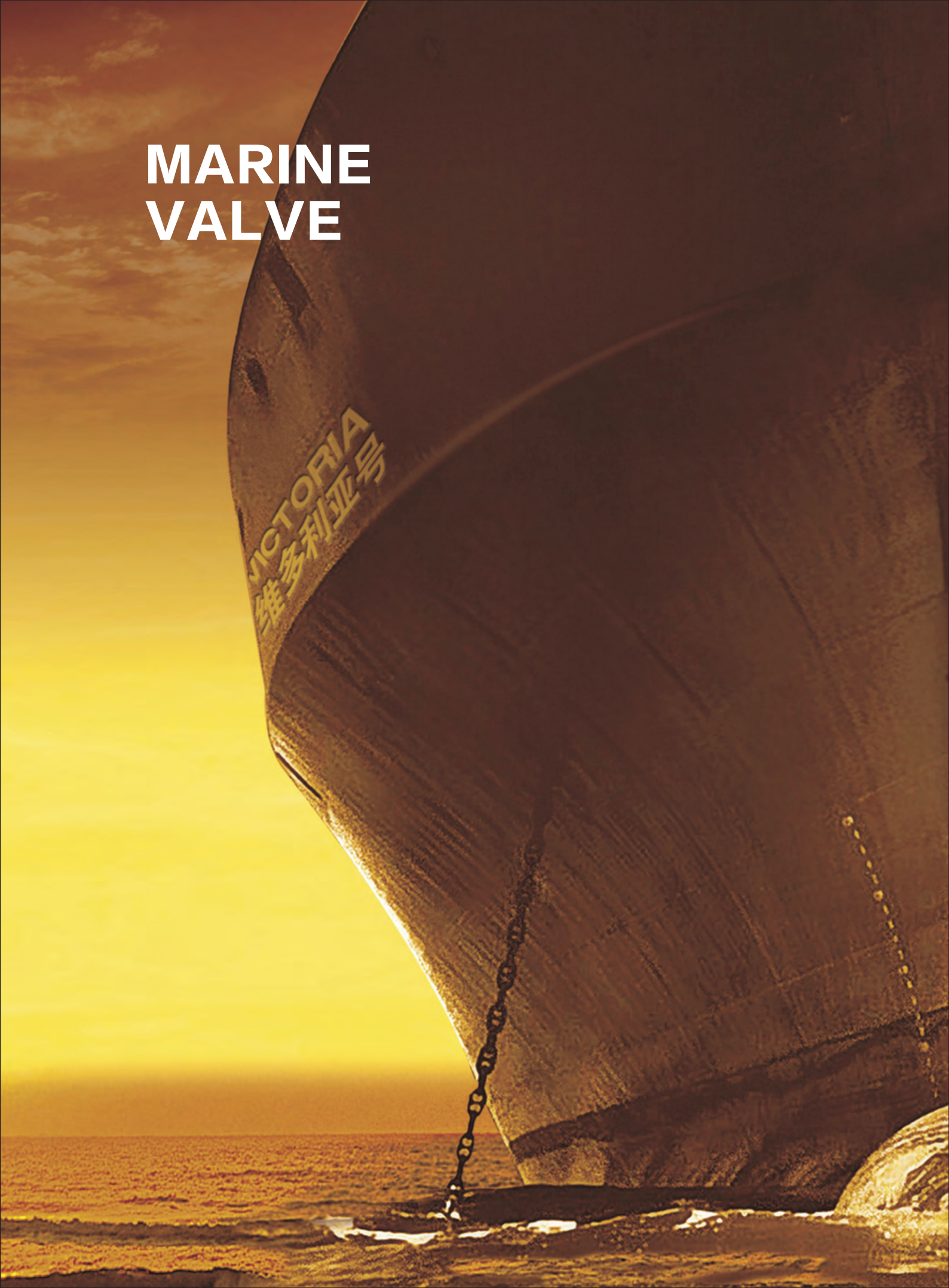
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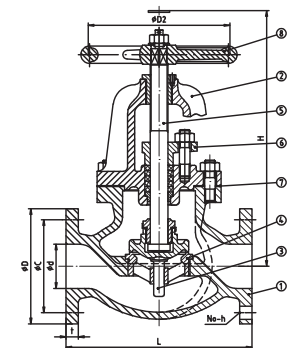
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MARINE
VALVE





F7305 Cast Iron 5K Globe Valves
F7307 Cast Iron 10K Globe Valves
F7309 Cast Iron 16K Globe Valves



材料表MATERIALS TABLE

序号	零件名称	材料		NAME OF PART	MATERIAL	
		CLASS B	CLASS S		CLASS B	CLASS S
1	阀体	HT200		BODY	FC200	
2	阀盖	HT200		BONNET	FC200	
3	阀盘	ZCuSn5Pb5Zn5	ZG2Cr13	DISC	BC6	SUS 420
4	阀座	ZCuSn5Pb5Zn5	ZG2Cr13	VALVE SEAT	BC6	SUS 420
5	阀杆	HPb59-1	ZG2Cr13	STEM	C377IBD OR BE	SUS 420
6	压盖	ZCuSn5Pb5Zn5		GLAND PACKING	BC6	
7	垫片	非石棉		GASKET	NON-ASBESTOS	
8	手轮	HT200		HANDWHEEL	FC200	

尺寸表SIZE TABLE(7305)

DN	d	L	D	C	NO.	h	t	H	D2
50	50	210	130	105	4	15	16	270	160
65	65	250	155	130	4	15	18	300	180
80	80	280	180	145	4	19	18	310	180
100	100	340	200	165	8	19	20	360	224
125	125	410	235	200	8	19	20	390	250
150	150	480	265	230	8	19	22	445	280
200	200	570	320	280	8	23	24	530	315
250	250	740	385	345	12	23	26	650	355
300	300	840	430	390	12	23	28	740	400
350	335	940	480	435	12	25	30	840	500
400	380	1050	540	495	16	25	30	940	600

尺寸表SIZE TABLE(7307)

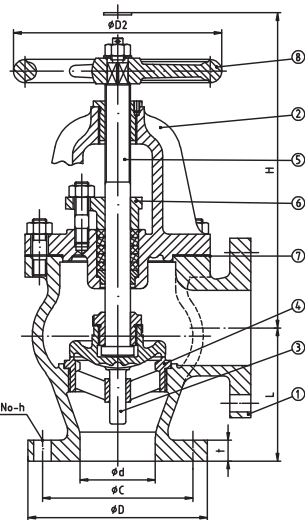
DN	d	L	D	C	NO.	h	t	H	D2
50	50	220	155	120	4	19	20	285	160
65	65	270	175	140	4	19	22	310	200
80	80	300	185	150	8	19	22	320	200
100	100	350	210	175	8	19	24	370	250
125	125	420	250	210	8	23	24	420	280
150	150	490	280	240	8	23	26	470	315
200	200	570	330	290	12	23	26	555	355
250	250	740	400	355	12	25	30	680	450
300	300	840	445	400	16	25	32	770	500

尺寸表SIZE TABLE(7309)

DN	d	L	D	C	NO.	h	t	H	D2
50	50	220	155	120	8	19	20	285	160
65	65	270	175	140	8	19	22	310	200
80	80	300	200	160	8	23	24	340	224
100	100	350	225	185	8	23	26	385	250
125	125	430	270	225	8	25	26	455	315
150	150	500	305	260	12	25	28	510	355
200	200	570	350	305	12	25	30	630	450



F7306 Cast Iron 5K Angle Valves
F7308 Cast Iron 10K Angle Valves
F7310 Cast Iron 16K Angle Valves



材料表MATERIALS TABLE

序号	零件名称	材料		NAME OF PART	MATERIAL	
		CLASS B	CLASS S		CLASS B	CLASS S
1	阀体	HT200		BODY	FC200	
2	阀盖	HT200		BONNET	FC200	
3	阀盘	ZCuSn5Pb5Zn5	ZG2Cr13	DISC	BC6	SUS 420
4	阀座	ZCuSn5Pb5Zn5	ZG2Cr13	VALVE SEAT	BC6	SUS 420
5	阀杆	HPb59-1	ZG2Cr13	STEM	C377IBD OR BE	SUS 420
6	压盖	ZCuSn5Pb5Zn5		GLAND PACKING	BC6	
7	垫片	非石棉		GASKET	NON-ASBESTOS	
8	手轮	HT200		HANDWHEEL	FC200	

尺寸表SIZE TABLE(7306)

DN	d	L	D	C	NO.	h	t	H	D2
50	50	100	130	105	4	15	16	240	160
65	65	115	155	130	4	15	18	255	180
80	80	130	180	145	4	19	18	265	180
100	100	150	200	165	8	19	20	310	224
125	125	170	235	200	8	19	20	330	250
150	150	190	265	230	8	19	22	380	280
200	200	220	320	280	8	23	24	450	315
250	250	275	385	345	12	23	26	540	355
300	300	310	430	390	12	23	28	610	400
350	335	360	480	435	12	25	30	690	500
400	380	395	540	495	16	25	30	770	560

尺寸表SIZE TABLE(7308)

DN	d	L	D	C	NO.	h	t	H	D2
50	50	120	155	120	4	19	20	255	160
65	65	130	175	140	4	19	22	270	200
80	80	140	185	150	8	19	22	275	200
100	100	160	210	175	8	19	24	315	250
125	125	180	250	210	8	23	24	360	280
150	150	205	280	240	8	23	26	405	315
200	200	230	330	290	12	23	26	475	355
250	250	290	400	355	12	25	30	570	450
300	300	320	445	400	16	25	32	645	500
350	335	360	490	445	16	25	34	710	560
400	380	420	560	510	16	27	36	790	630

尺寸表SIZE TABLE(7310)

DN	d	L	D	C	NO.	h	t	H	D2
50	50	120	155	120	8	19	20	255	160
65	65	130	175	140	8	19	22	270	200
80	80	150	200	160	8	23	24	295	224
100	100	170	225	185	8	23	26	330	250
125	125	200	270	225	8	25	26	390	315
150	150	225	305	260	12	25	28	435	355
200	200	250	350	305	12	25	30	540	450



F7353 Cast Iron 5K Screw-down Check Globe Valves
F7375 Cast Iron 10K Screw-down Check Globe Valves
F7377 Cast Iron 16K Screw-down Check Globe Valves



F7354 Cast Iron 5K Screw-down Check Angle Valves
F7376 Cast Iron 10K Screw-down Check Angle Valves
F7378 Cast Iron 16K Screw-down Check Angle Valves

材料表MATERIALS TABLE

序号	零件名称	材料		NAME OF PART	MATERIAL	
		CLASS B	CLASS S		CLASS B	CLASS S
1	阀体	HT200		BODY	FC200	
2	阀盖	HT200		BONNET	FC200	
3	阀盘	ZCuSn5Pb5Zn5	ZG2Cr13	DISC	BC6	SUS 420
4	阀座	ZCuSn5Pb5Zn5	ZG2Cr13	VALVE SEAT	BC6	SUS 420
5	阀杆	HPb59-1	ZG2Cr13	STEM	C377IBD OR BE	SUS 420
6	压盖	ZCuSn5Pb5Zn5		GLAND PACKING	BC6	
7	垫片	非石棉		GASKET	NON-ASBESTOS	
8	手轮	HT200		HANDWHEEL	FC200	

尺寸表SIZE TABLE(7353)

DN	d	L	D	C	NO.	h	t	H	D2
50	50	210	130	105	4	15	16	270	160
65	65	250	155	130	4	15	18	290	180
80	80	280	180	145	4	19	18	300	180
100	100	340	200	165	8	19	20	350	224
125	125	410	235	200	8	19	20	380	250
150	150	480	265	230	8	19	22	430	280
200	200	570	320	280	8	23	24	505	315
250	250	740	385	345	12	23	26	620	355
300	300	840	430	390	12	23	28	715	400
350	335	940	480	435	12	25	30	815	500
400	380	1050	540	495	16	25	30	905	600

尺寸表SIZE TABLE(7375)

DN	d	L	D	C	NO.	h	t	H	D2
50	50	220	155	120	4	19	20	285	160
65	65	270	175	140	4	19	22	305	200
80	80	300	185	150	8	19	22	315	200
100	100	350	210	175	8	19	24	360	250
125	125	420	250	210	8	23	24	410	280
150	150	490	280	240	8	23	26	455	315
200	200	570	330	290	12	23	26	530	355
250	250	740	400	355	12	25	30	645	450
300	300	840	445	400	16	25	32	770	500

尺寸表SIZE TABLE(7377)

DN	d	L	D	C	NO.	h	t	H	D2
50	50	220	155	120	8	19	20	285	160
65	65	270	175	140	8	19	22	305	200
80	80	300	200	160	8	23	24	335	224
100	100	350	225	185	8	23	26	375	250
125	125	430	270	225	8	25	26	440	315
150	150	500	305	260	12	25	28	500	355
200	200	570	350	305	12	25	30	606	450

材料表MATERIALS TABLE

序号	零件名称	材料		NAME OF PART	MATERIAL	
		CLASS B	CLASS S		CLASS B	CLASS S
1	阀体	HT200		BODY	FC200	
2	阀盖	HT200		BONNET	FC200	
3	阀盘	ZCuSn5Pb5Zn5	ZG2Cr13	DISC	BC6	SUS 420
4	阀座	ZCuSn5Pb5Zn5	ZG2Cr13	VALVE SEAT	BC6	SUS 420
5	阀杆	HPb59-1	ZG2Cr13	STEM	C377IBD OR BE	SUS 420
6	压盖	ZCuSn5Pb5Zn5		GLAND PACKING	BC6	
7	垫片	非石棉		GASKET	NON-ASBESTOS	
8	手轮	HT200		HANDWHEEL	FC200	

尺寸表SIZE TABLE(7354)

DN	d	L	D	C	NO.	h	t	H	D2
50	50	100	130	105	4	15	16	240	160
65	65	115	155	130	4	15	18	245	180
80	80	130	180	145	4	19	18	255	180
100	100	150	200	165	8	19	20	300	224
125	125	170	235	200	8	19	20	320	250
150	150	190	265	230	8	19	22	365	280
200	200	220	320	280	8	23	24	425	315
250	250	275	385	345	12	23	26	510	355
300	300	310	430	390	12	23	28	585	400
350	335	360	480	435	12	25	30	660	500
400	380	395	540	495	16	25	30	730	560
450	430	440	605	555	16	25	30	835	630

尺寸表SIZE TABLE(7376)

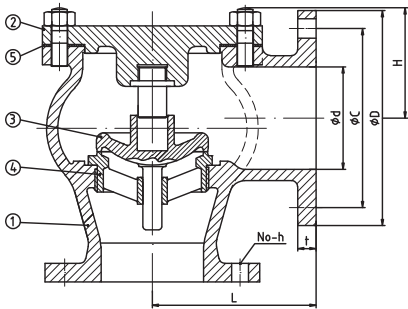
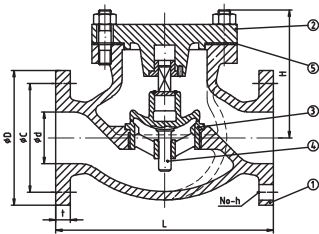
DN	d	L	D	C	NO.	h	t	H	D2
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65	65	130	175	140	4	19	22	260	200
80	80	140	185	150	8	19	22	270	200
100	100	160	210	175	8	19	24	305	250
125	125	180	250	210	8	23	24	350	280
150	150	205	280	240	8	23	26	390	315
200	200	230	330	290	12	23	26	450	355
250	250	290	400	355	12	25	30	536	450
300	300	320	445	400	16	25	32	645	500

尺寸表SIZE TABLE(7378)

DN	d	L	D	C	NO.	h	t	H	D2
50	50	120	155	120	8	19	20	255	160
65	65	130	175	140	8	19	22	260	200
80	80	150	200	160	8	23	24	290	224
100	100	170	225	185	8	23	26	320	250
125	125	200	270	225	8	25	26	375	315
150	150	225	305	260	12	25	28	425	355
200	200	250	350	305	12	25	30	521	450



F7358 Cast Iron 5K Lift Check Globe Valves
F7359 Cast Iron 5K Lift Check Angle Valves



材料表MATERIALS TABLE

序号	零件名称	材料		NAME OF PART	MATERIAL	
		CLASS B	CLASS S		CLASS B	CLASS S
1	阀体	HT200		BODY	FC200	
2	阀盖	HT200		BONNET	FC200	
3	阀盘	ZCuSn5Pb5Zn5	ZG2Cr13	DISC	BC6	SUS 420
4	阀座	ZCuSn5Pb5Zn5	ZG2Cr13	VALVE SEAT	BC6	SUS 420
5	垫片	非石棉		GASKET	NON-ASBESTOS	

尺寸表SIZE TABLE(7358)

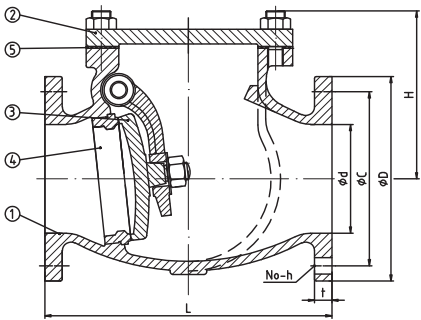
DN	d	L	D	C	NO.	h	t	H
50	50	210	130	105	4	15	16	107
65	65	250	155	130	4	15	18	124
80	80	280	180	145	4	19	18	129
100	100	340	200	165	8	19	20	146
125	125	410	235	200	8	19	20	166
150	150	480	265	230	8	19	22	188
200	200	570	320	280	8	23	24	212

尺寸表SIZE TABLE(7359)

DN	d	L	D	C	NO.	h	t	H
50	50	100	130	105	4	15	16	77
65	65	115	155	130	4	15	18	81
80	80	130	180	145	4	19	18	84
100	100	150	200	165	8	19	20	96
125	125	170	235	200	8	19	20	108
150	150	190	265	230	8	19	22	125
200	200	220	320	280	8	23	24	157
250	250	275	385	345	12	23	26	180



F7372 Cast Iron 5K Swing Check Valves
F7373 Cast Iron 10K Swing Check Valves



材料表MATERIALS TABLE

序号	零件名称	材料		NAME OF PART	MATERIAL	
		CLASS B	CLASS S		CLASS B	CLASS S
1	阀体	HT200		BODY	FC200	
2	阀盖	HT200		BONNET	FC200	
3	阀盘	ZCuSn5Pb5Zn5	ZG2Cr13	DISC	BC6	SUS 420
4	阀座	ZCuSn5Pb5Zn5	ZG2Cr13	VALVE SEAT	BC6	SUS 420
5	垫片	非石棉		GASKET	NON-ASBESTOS	

尺寸表SIZE TABLE(7372)

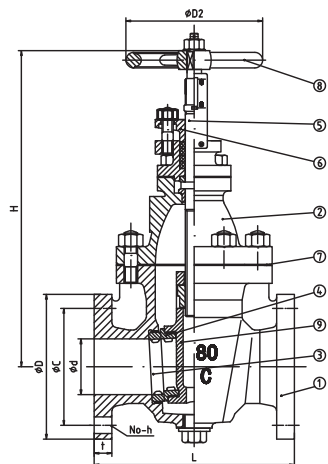
DN	d	L	D	C	NO.	h	t	H
50	50	190	130	105	4	15	16	97
65	65	220	155	130	4	15	18	119
80	80	250	180	145	4	19	18	129
100	100	280	200	165	8	19	20	146
125	125	330	235	200	8	19	20	171
150	150	380	265	230	8	19	22	198
200	200	460	320	280	8	23	24	235
250	250	550	385	345	12	23	26	290
300	300	640	430	390	12	23	28	351

尺寸表SIZE TABLE(7373)

DN	d	L	D	C	NO.	h	t	H
50	50	210	155	120	4	19	20	109
65	65	240	175	140	4	19	22	126
80	80	270	185	150	8	19	22	136
100	100	300	210	175	8	19	24	153
125	125	350	250	210	8	23	24	180
150	150	400	280	240	8	23	26	205
200	200	480	330	290	12	23	26	242



F7363 Cast Iron 5K Gate Valves
F7364 Cast Iron 10K Gate Valves
F7369 Cast Iron 16K Gate Valves



材料表MATERIALS TABLE

序号	零件名称	材料	NAME OF PART	MATERIAL
		CLASS B	CLASS S	
1	阀体	HT200	BODY	FC200
2	阀盖	HT200	BONNET	FC200
3	阀座 (阀体)	ZCuSn5Pb5Zn5	VALVE SEAT	BC6
4	阀座 (闸板)	ZCuSn5Pb5Zn5	VALVE SEAT	BC6
5	阀杆	HPb59-1	STEM	C377IBD OR BE
6	压盖	ZCuSn5Pb5Zn5	GLAND PACKING	BC6
7	垫片	非石棉	GASKET	NON-ASBESTOS
8	手轮	HT200	HANDWHEEL	FC200
9	闸板	HT200	DISC	FC200

尺寸表SIZE TABLE(7363)

DN	d	L	D	C	NO.	h	t	H	D2
50	50	180	130	105	4	15	16	285	125
65	65	190	155	130	4	15	18	330	140
80	80	200	180	145	4	19	18	380	160
100	100	230	200	165	8	19	20	430	180
125	125	250	235	200	8	19	20	495	200
150	150	270	265	230	8	19	22	560	224
200	200	290	320	280	8	23	24	680	280
250	250	330	385	345	12	23	26	800	355
300	300	370	430	390	12	23	28	920	400
350	335	410	480	435	12	25	30	1000	450
400	380	470	540	495	16	25	30	1100	500
450	430	500	605	555	16	25	30	1420	560

尺寸表SIZE TABLE(7364)

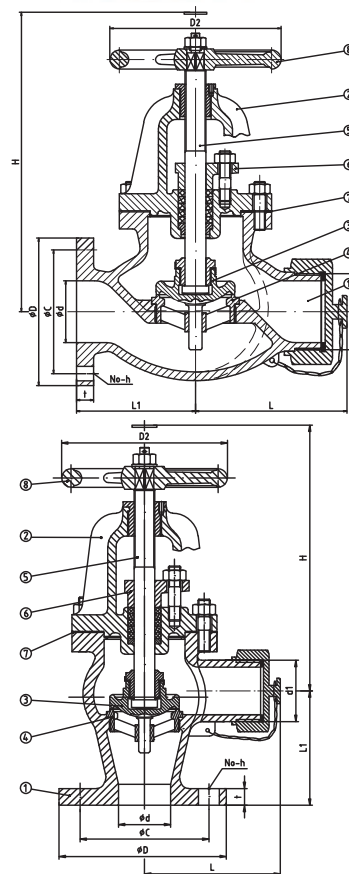
DN	d	L	D	C	NO.	h	t	H	D2
50	50	200	155	120	4	19	20	300	140
65	65	220	175	140	4	19	22	350	160
80	80	230	185	150	8	19	22	400	180
100	100	250	210	175	8	19	24	450	200
125	125	270	250	210	8	23	24	520	224
150	150	290	280	240	8	23	26	580	250
200	200	320	330	290	12	23	26	700	315
250	250	380	400	355	12	25	30	840	400
300	300	440	445	400	16	25	32	960	450
350	335	500	490	445	16	25	34	1050	500
400	380	590	560	510	16	27	36	1150	560
450	430	640	620	565	20	27	38	1491	630

尺寸表SIZE TABLE(7369)

DN	d	L	D	C	NO.	h	t	H	D2
50	50	200	155	120	8	19	20	300	140
65	65	220	175	140	8	19	22	350	160
80	80	230	200	160	8	23	24	400	180
100	100	250	225	185	8	23	26	450	200
125	125	270	270	225	8	25	26	520	224
150	150	290	305	260	12	25	28	580	250
200	200	320	350	305	12	25	30	700	315



F7333 Cast Iron Globe Hose Valves
F7333 Cast Iron Angle Hose Valves



材料表MATERIALS TABLE

序号	零件名称	材料	NAME OF PART	MATERIAL
		CLASS B	CLASS S	
1	阀体	HT200	BODY	FC200
2	阀盖	HT200	BONNET	FC200
3	阀盘	ZCuSn5Pb5Zn5	DISC	BC6
4	阀座	ZCuSn5Pb5Zn5	VALVE SEAT	BC6
5	阀杆	HPb59-1	STEM	C377IBD OR BE
6	压盖	ZCuSn5Pb5Zn5	GLAND PACKING	BC6
7	垫片	非石棉	GASKET	NON-ASBESTOS
8	手轮	HT200	HANDWHEEL	FC200

尺寸表SIZE TABLE(7333)

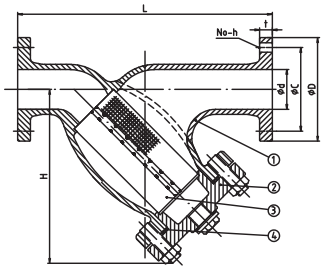
DN	d	L	D	C	NO.	h	t	H	D2	L1	d1
5K50	50	165	130	105	4	15	16	270	160	105	M64 × 2
10K50	50	170	155	120	4	19	20	285	160	110	M64 × 2
10K65	65	200	175	140	4	19	22	310	200	135	M80 × 2

尺寸表SIZE TABLE(7333)

DN	d	L	D	C	NO.	h	t	H	D2	L1	d1
5K50	50	155	130	105	4	15	16	240	160	100	M64 × 2
10K50	50	170	155	120	4	19	20	255	160	120	M64 × 2
10K65	65	185	175	140	4	19	22	270	200	130	M80 × 2



F7220 Cast Iron Y Type Strainer



材料表MATERIALS TABLE

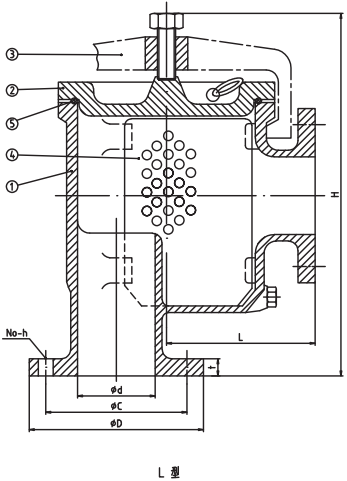
序号	零件名称	材料	NAME OF PART	MATERIAL]
1	阀体	HT200	BODY	FC200
2	阀盖	HT200	BONNET	FC200
3	滤网	1Cr18Ni9Ti	STRAINER	SUS304
4	垫片	非石棉	GASKET	NON-ASBESTOS

尺寸表SIZE TABLE(7220)

DN	d	L	D	C	NO.	h	t	H
20	20	200	85	65	4	12	14	127
25	25	225	95	75	4	12	14	155
32	32	260	115	90	4	15	16	164
40	40	280	120	95	4	15	16	180
50	50	320	130	105	4	15	16	208
65	65	350	155	130	4	15	18	253
80	80	373	180	145	4	19	18	268
100	100	390	200	165	8	19	20	286
125	125	410	235	200	8	19	20	295
150	150	430	265	230	8	19	20	318



F7203 Marine Mud Boxes L Type



材料表MATERIALS TABLE

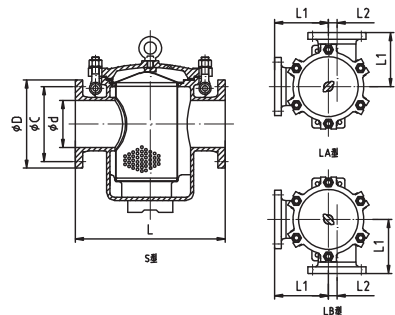
序号	零件名称	材料	NAME OF PART	MATERIAL
1	阀体	HT200	BODY	FC200
2	阀盖	HT200	BONNET	FC200
3	支架	QT500	COVER PUSH	FCD400
4	滤网	Q235A	STRAINER	SS400
5	O型密封圈	丁晴橡胶	O-RING	NBR

尺寸表SIZE TABLE(7203)

DN	d	L	D	C	NO.	h	t	H
5K50	50	120	130	105	4	15	16	299
5K65	65	150	155	130	4	15	18	341
5K80	80	160	180	145	4	19	18	375
5K100	100	190	200	165	8	19	20	441
10K50	50	120	155	120	4	19	20	299
10K65	65	150	175	140	4	19	22	341
10K80	80	160	185	150	8	19	22	375
10K100	100	190	210	175	8	19	24	441



F7121 Shipbuilding-Can Water Filters



材料表MATERIALS TABLE

序号	零件名称	材料	NAME OF PART	MATERIAL
1	阀体	HT200	BODY	FC200
2	阀盖	HT200	BONNET	FC200
3	支架	QT500	COVER PUSH	FCD400
4	滤网	1Cr18Ni9Ti	STRAINER	SUS304
5	垫片	丁晴橡胶	GASKET	NBR

尺寸表SIZE TABLE

S型

DN	d	L	D	C	NO.	h	t	H
25	25	170	95	75	4	12	14	191
32	32	190	115	90	4	15	16	218
40	40	190	120	95	4	15	16	218
50	50	200	130	105	4	15	16	239
65	65	250	155	130	4	15	18	306
80	80	270	180	145	4	19	18	341
100	100	320	200	165	8	19	20	401

L型

DN	d	L	D	C	NO.	h	t	H
25	25	85	95	75	4	12	14	191
32	32	95	115	90	4	15	16	218
40	40	95	120	95	4	15	16	218
50	50	100	130	105	4	15	16	239
65	65	125	155	130	4	15	18	306
80	80	135	180	145	4	19	18	341
100	100	160	200	165	8	19	20	401

尺寸表SIZE TABLE(7121)

DN	d	L	D	C	NO.	h	t	H	L2
5K125	235	400	200	200	8	19	20	485	30
10K125	250	400	200	210	8	23	24	485	30
5K150	265	460	230	230	8	19	22	575	35
10K150	280	460	230	240	8	23	26	575	35
5K200	320	550	275	280	8	23	24	665	50
10K200	330	550	275	290	12	23	26	665	50



F7209 Shipbuilding-simplex Oil Strainers



材料表MATERIALS TABLE

序号	零件名称	材料	NAME OF PART	MATERIAL
1	阀体	HT200	BODY	FC200
2	阀盖	HT200	BONNET	FC200
3	支架	QT500	COVER PUSH	FCD400
4	滤网	Q235A	STRAINER	SS400
5	O型密封圈	丁晴橡胶	O-RING	NBR

尺寸表SIZE TABLE(7209)

S型

DN	d	L	D	C	NO.	h	t	H
5K20	25	190	85	65	4	12	14	240
5K25	25	190	95	75	4	12	14	240
10K25	25	190	125	90	4	19	18	240
5K32	32	260	115	90	4	15	16	328
10K32	32	260	135	100	4	19	20	328
5K40	40	260	120	95	4	15	16	328
10K40	40	260	140	105	4	19	20	328
5K50	50	280	130	105	4	15	16	405
10K50	50	280	155	120	4	19	20	405
5K65	65	340	155	130	4	15	18	495
10K65	65	340	175	140	4	19	22	495
5K80	80	370	180	145	4	19	18	525
10K80	80	370	185	150	8	19	22	525
5K100	100	420	200	165	8	19	20	651
10K100	100	420	210	175	8	19	24	651

L型

DN	d	L	D	C	NO.	h	t	H
5K25	25	95	95	75	4	12	14	240
10K25	25	95	125	90	4	19	18	240
5K32	32	130	115	90	4	15	16	328
10K32	32	130	135	100	4	19	20	328
5K40	40	130	120	95	4	15	16	328
10K40	40	130	140	105	4	19	20	328
5K50	50	140	130	105	4	15	16	405
10K50	50	140	155	120	4	19	20	405
5K65	65	170	155	130	4	15	18	495
10K65	65	170	175	140	4	19	22	495
5K80	80	185	180	145	4	19	18	525
10K80	80	185	185	150	8	19	22	525
5K100	100	210	200	165	8	19	20	651
10K100	100	210	210	175	8	19	24	651



Cast Iron Air Vent Head

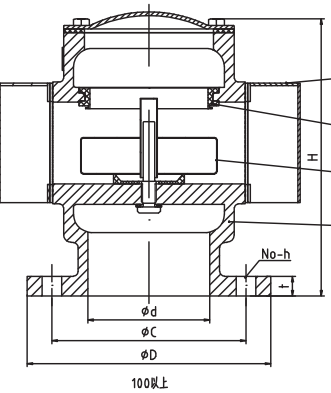
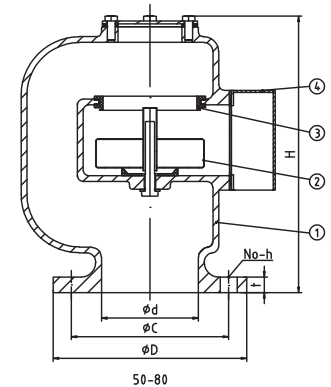


材料表MATERIALS TABLE

序号	零件名称	材料	NAME OF PART	MATERIAL
1	阀体	HT200	BODY	FC200
2	浮子	1Cr19Ni9Ti	FLOAT	SUS316
3	密封圈	丁晴橡胶	PACKING	NBR
4	滤网	Q235	STRAINER	SS400

尺寸表SIZE TABLE

DN	d	D	C	NO.	h	t	H
50	50	130	105	4	15	14	175
65	65	155	130	4	15	14	204
80	80	180	145	4	19	14	244
100	100	200	165	8	19	16	220
125	125	235	200	8	19	16	250
150	150	265	230	8	19	18	285
200	200	320	280	8	23	20	365
250	250	385	345	12	23	22	430
300	300	430	390	12	23	22	530
350	335	480	435	12	25	24	570
400	380	540	495	16	25	24	640
450	430	605	555	16	25	24	713



53-ON AIR PIPE HEAD

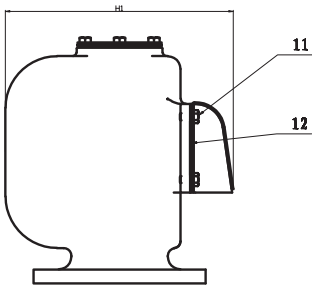
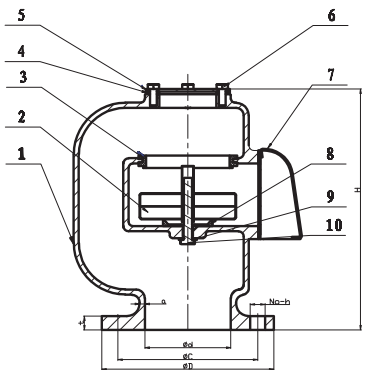


材料表MATERIALS TABLE

序号	零件名称	材料	NAME OF PART	MATERIAL
		CLASS		CLASS
1	阀体	HT200	BODY	FC200
2	浮子	不锈钢	FLOAT	SS316
3	胶圈	橡胶	RUBBER RING	NBR
4	垫片	非石棉	GASKET	ASBESTOS FREE
5	阀盖	不锈钢	COVER	SS400
6	螺帽	不锈钢	HEX BOLT	SS304
7	护罩	不锈钢	SCREEN COVER	SS304
8	密封垫	橡胶	RUBBER CUSHION	NBR
9	钢平垫	不锈钢	CUSHION	SS304
10	导向柱	不锈钢	GUIDE BOLT	SS304
11	螺帽	不锈钢	HEX BOLT	SS304
12	滤网	不锈钢	FILTER	SS400

尺寸表SIZE TABLE(53-ON)

DN	d	D	C	NO-h	t	a	H	H1
50	50	130	105	4-15	14	7	184	176
65	65	155	130	4-15	14	7	204	203
80	80	180	145	4-19	14	7	225	238
100	100	200	165	8-19	16	8	265	271
125	125	235	200	8-19	16	8	304	323
150	150	265	230	8-19	18	9	339	378
200	200	320	280	8-23	18	9	434	493





Aluminum Alloy Goose Neck Air PiPe Heads

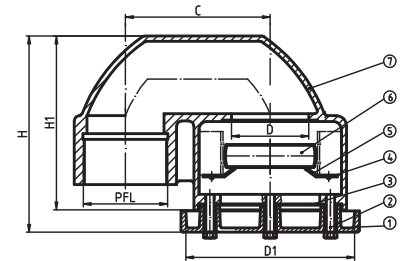


材料表MATERIALS TABLE

序号	零件名称	材料	NAME OF PART	MATERIAL
		CLASS		CLASS
1	阀盖	AC7A	BONNET	AC7A
2	阀盖螺栓	碳钢	BONNET BOLT	CARBON STEEL
3	滤网	52S	SIEVE	52S
4	螺栓	碳钢	BOLT	CARBON STEEL
5	支撑板	52S	TIE STRAP	52S
6	浮子	ABS	FLOAT	ABS
7	阀体	AC7A	BODY	AC7A

尺寸表SIZE TABLE

DN	D	D1	H1	H	C	Kg
40	40	92.5	90	102	105	0.8
50	50	117	112.5	127.5	125	1.2
65	65	150	146.5	165.5	135	2.2
80	80	185	180	203	150	3.2
100	100	231.5	225	254	180	4.8



F3024 DECK STAND VALVE DN25-42

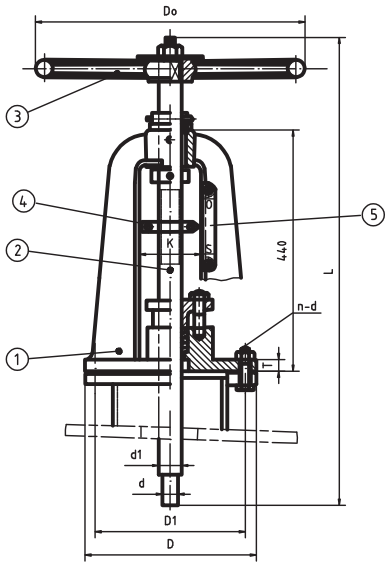


材料表MATERIALS TABLE

序号	零件名称	材料	NAME OF PART	MATERIAL
		CLASS		CLASS
1	阀体	HT200	BODY	FC200
2	丝杆	不锈钢	STEM	SS420
3	手轮	HT200	RUBBER RING	FC200
4	指示器	H62	INDICATOR	H62
5	标尺	H62	STAFF	H62

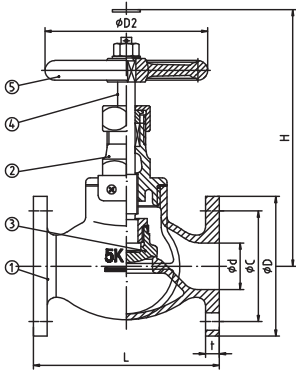
尺寸表SIZE TABLE(3024)

DN	D	D1	L	T	d	d1	n-d	Do	Weight (KG)
25	265	230	840	18	25	34	8-19	280	42
32	320	280	854	20	32	40	8-23	400	50
42	320	280	861.5	20	42	46	8-23	500	58





F7301 Bronze 5K Globe Valves
F7303 Bronze 16K Globe Valves



材料表MATERIALS TABLE

序号	零件名称	材料	NAME OF PART	MATERIAL
1	阀体	ZCuSn5Pb5Zn5	BODY	BC6
2	阀盖	ZCuSn5Pb5Zn5	BONNET	BC6
3	阀盘	ZCuSn5Pb5Zn5	DISC	BC6
4	阀杆	HPb59-1	STEM	C3771BD OR BE
5	垫片	非石棉	GASKET	NON-ASBESTOS
6	手轮	HT200	HANDWHEEL	FC200

尺寸表SIZE TABLE(7301)

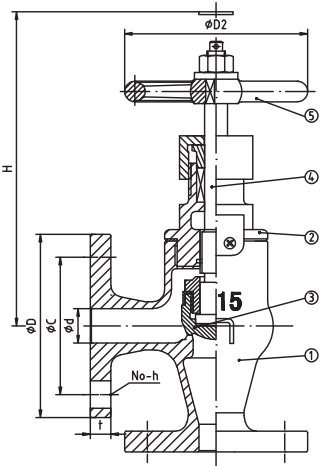
DN	d	L	D	C	NO.	h	t	H	D2
15	15	100	80	60	4	12	9	130	80
20	20	110	85	65	4	12	10	140	100
25	25	120	95	75	4	12	10	160	125
32	32	140	115	90	4	15	12	170	125
40	40	160	120	95	4	15	12	190	140
50	50	210	130	105	4	15	14	235	140
65	65	250	155	130	4	15	14	260	160
80	80	280	180	145	4	19	16	280	160
100	100	340	200	165	8	19	18	333	200

尺寸表SIZE TABLE(7303)

DN	d	L	D	C	NO.	h	t	H	D2
15	15	110	95	70	4	15	12	130	80
20	20	120	100	75	4	15	14	140	100
25	25	130	125	90	4	19	14	160	125
32	32	160	135	100	4	19	16	170	125
40	40	180	140	105	4	19	16	190	140
50	50	210	155	120	8	19	14	233	140



F7302 Bronze 5K Angle Valves
F7304 Bronze 16K Angle Valves



材料表MATERIALS TABLE

序号	零件名称	材料	NAME OF PART	MATERIAL
1	阀体	ZCuSn5Pb5Zn5	BODY	BC6
2	阀盖	ZCuSn5Pb5Zn5	BONNET	BC6
3	阀盘	ZCuSn5Pb5Zn5	DISC	BC6
4	阀杆	HPb59-1	STEM	C3771BD OR BE
5	垫片	非石棉	GASKET	NON-ASBESTOS
6	手轮	HT200	HANDWHEEL	FC200

尺寸表SIZE TABLE(7302)

DN	d	L	D	C	NO.	h	t	H	D2
15	15	55	80	60	4	12	9	120	80
20	20	60	85	65	4	12	10	130	100
25	25	65	95	75	4	12	10	145	125
32	32	80	115	90	4	15	12	150	125
40	40	85	120	95	4	15	12	165	140
50	50	100	130	105	4	15	14	200	140
65	65	115	155	130	4	15	14	220	160

尺寸表SIZE TABLE(7304)

DN	d	L	D	C	NO.	h	t	H	D2
15	15	70	95	70	4	15	12	120	80
20	20	75	100	75	4	15	14	130	100
25	25	85	125	90	4	19	14	145	125
32	32	95	135	100	4	19	16	150	125
40	40	100	140	105	4	19	16	165	140



F7351 Bronze 5K Screw-down Check Globe Valves
F7409 Bronze 16K Screw-down Check Globe Valves

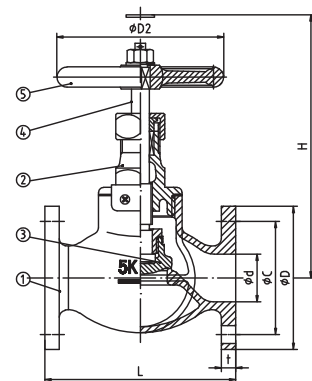


材料表MATERIALS TABLE

序号	零件名称	材料	NAME OF PART	MATERIAL
1	阀体	ZCuSn5Pb5Zn5	BODY	BC6
2	阀盖	ZCuSn5Pb5Zn5	BONNET	BC6
3	阀盘	ZCuSn5Pb5Zn5	DISC	BC6
4	阀杆	HPb59-1	STEM	C3771BD OR BE
5	垫片	非石棉	GASKET	NON-ASBESTOS
6	手轮	HT200	HANDWHEEL	FC200

尺寸表SIZE TABLE(7351)

DN	d	L	D	C	NO.	h	t	H	D2
15	15	100	80	60	4	12	9	130	80
20	20	110	85	65	4	12	10	140	100
25	25	120	95	75	4	12	10	155	125
32	32	140	115	90	4	15	12	165	125
40	40	160	120	95	4	15	12	185	140
50	50	210	130	105	4	15	14	229	140
65	65	250	155	130	4	15	14	250	160
80	80	280	180	145	4	19	16	270	160



尺寸表SIZE TABLE(7409)

DN	d	L	D	C	NO.	h	t	H	D2
15	15	110	95	70	4	15	12	130	80
20	20	120	100	75	4	15	14	140	100
25	25	130	125	90	4	19	14	155	125
32	32	160	135	100	4	19	16	165	125
40	40	180	140	105	4	19	16	185	140
50	50	210	155	120	8	19	14	229	140



F7352 Bronze 5K Screw-down Check Angle Valves
F7410 Bronze 16K Screw-down Check Angle Valves

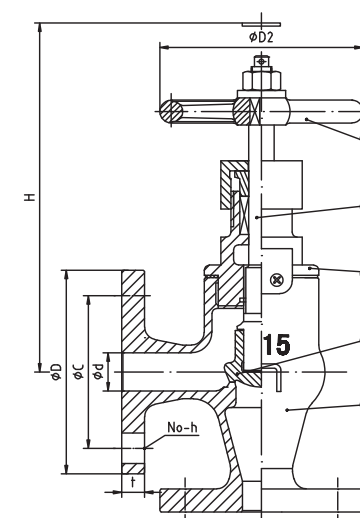


材料表MATERIALS TABLE

序号	零件名称	材料	NAME OF PART	MATERIAL
1	阀体	ZCuSn5Pb5Zn5	BODY	BC6
2	阀盖	ZCuSn5Pb5Zn5	BONNET	BC6
3	阀盘	ZCuSn5Pb5Zn5	DISC	BC6
4	阀杆	HPb59-1	STEM	C3771BD OR BE
5	垫片	非石棉	GASKET	NON-ASBESTOS
6	手轮	HT200	HANDWHEEL	FC200

尺寸表SIZE TABLE(7352)

DN	d	L	D	C	NO.	h	t	H	D2
15	15	55	80	60	4	12	9	120	80
20	20	60	85	65	4	12	10	125	100
25	25	65	95	75	4	12	10	140	125
32	32	80	115	90	4	15	12	145	125
40	40	85	120	95	4	15	12	160	140
50	50	100	130	105	4	15	14	197	140
65	65	115	155	130	4	15	14	209	160

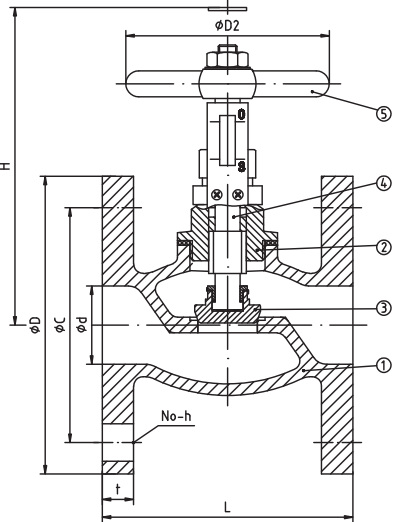


尺寸表SIZE TABLE(7410)

DN	d	L	D	C	NO.	h	t	H	D2
15	15	70	95	70	4	15	12	120	80
20	20	75	100	75	4	15	14	125	100
25	25	85	125	90	4	19	14	140	125
32	32	95	135	100	4	19	16	145	125
40	40	100	140	105	4	19	16	160	140



Class 150 Bronze 5K Globe Valves Open/close Indicator
Class 150 Bronze 10K Globe Valves Open/close Indicator



材料表MATERIALS TABLE

序号	零件名称	材料	NAME OF PART	MATERIAL
1	阀体	ZCuSn5Pb5Zn5	BODY	Bc6
2	阀盖	HPb59-1	BONNET	C3771BD OR BE
3	阀盘	HPb59-1	DISC	C3771BD OR BE
4	阀杆	HPb59-1	STEM	C3771BD OR BE
5	垫片	非石棉	GASKET	NON-ASBESTOS
6	手轮	HT200	HANDWHEEL	FC200

尺寸表SIZE TABLE(5K)

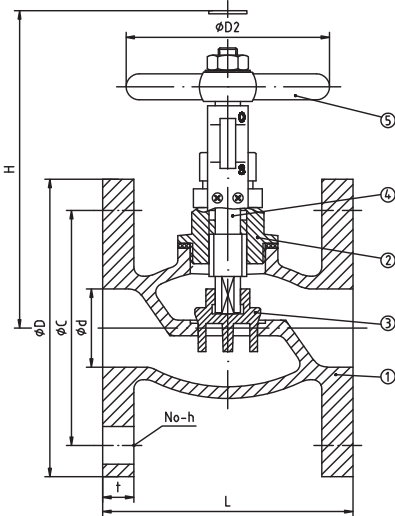
DN	d	L	D	C	NO.	h	t	H	D2
15	15	60	80	60	4	12	8	77	50
20	20	70	85	65	4	12	9	88	65
25	25	80	95	75	4	12	10	89	65
32	32	100	115	90	4	15	11	110	80
40	40	100	120	95	4	15	12	126	80
50	50	120	130	105	4	15	13	139	100
65	65	140	155	130	4	15	13	154	125
80	80	160	180	145	4	19	16	178	140

尺寸表SIZE TABLE(10K)

DN	d	L	D	C	NO.	h	t	H	D2
15	15	60	95	70	4	12	8	77	50
20	20	70	100	75	4	15	9	88	65
25	25	80	125	90	4	19	10	89	65
32	32	100	135	100	4	19	11	110	80
40	40	100	140	105	4	19	12	126	80
50	50	120	155	120	4	19	13	139	100
65	65	140	175	140	4	19	13	154	125



Class 150 Bronze 5K SDNR Globe Valves Open/close Indicator
Class 150 Bronze 10K SDNR Globe Valves Open/close Indicator



材料表MATERIALS TABLE

序号	零件名称	材料	NAME OF PART	MATERIAL
1	阀体	ZCuSn5Pb5Zn5	BODY	Bc6
2	阀盖	HPb59-1	BONNET	C3771BD OR BE
3	阀盘	HPb59-1	DISC	C3771BD OR BE
4	阀杆	HPb59-1	STEM	C3771BD OR BE
5	垫片	非石棉	GASKET	NON-ASBESTOS
6	手轮	HT200	HANDWHEEL	FC200

尺寸表SIZE TABLE(5K)

DN	d	L	D	C	NO.	h	t	H	D2
15	15	60	80	60	4	12	8	75.5	50
20	20	70	85	65	4	12	9	82.5	65
25	25	80	95	75	4	12	10	88.5	65
32	32	100	115	90	4	15	11	109	80
40	40	100	120	95	4	15	12	121	80
50	50	120	130	105	4	15	13	142	100
65	65	140	155	130	4	15	13	154	125
80	80	160	180	145	4	19	16	175	140

尺寸表SIZE TABLE(10K)

DN	d	L	D	C	NO.	h	t	H	D2
15	15	60	95	70	4	12	8	75.7	50
20	20	70	100	75	4	15	9	82.5	65
25	25	80	125	90	4	19	10	88.5	65
32	32	100	135	100	4	19	11	110	80
40	40	100	140	105	4	19	12	121	80
50	50	120	155	120	4	19	13	142	100
65	65	140	175	140	4	19	13	154	125



Class 150 Bronze 5K Gate Valves Open/close Indicator
Class 150 Bronze 10K Gate Valves Open/close Indicator

材料表MATERIALS TABLE

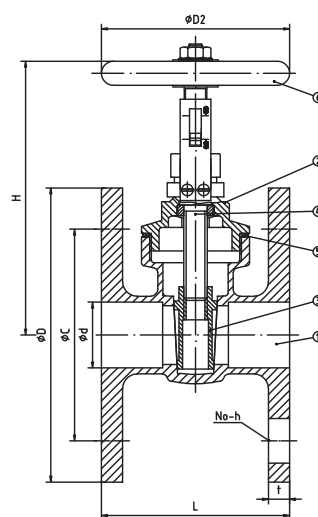
序号	零件名称	材料	NAME OF PART	MATERIAL
1	阀体	ZCuSn5Pb5Zn5	BODY	Bc6
2	阀盖	HPb59-1	BONNET	C3771BD OR BE
3	闸板	HPb59-1	DISC	C3771BD OR BE
4	阀杆	HPb59-1	STEM	C3771BD OR BE
5	垫片	非石棉	GASKET	NON-ASBESTOS
6	手轮	HT200	HANDWHEEL	FC200

尺寸表SIZE TABLE(5K)

DN	d	L	D	C	NO.	h	t	H	D2
15	20	80	80	60	4	12	9	109	80
20	25	80	85	65	4	12	9	110	80
25	25	80	95	75	4	12	9	110	80
32	39	101	115	90	4	15	11	142	100
40	39	101	120	95	4	15	11	142	100
50	50	116	130	105	4	15	12	167	125
65	62	128	155	130	4	15	13	195	125
80	74	144	180	145	4	19	15	218	140
100	100	166	200	165	8	19	15	271	180

尺寸表SIZE TABLE(10K)

DN	d	L	D	C	NO.	h	t	H	D2
15	20	80	95	70	4	12	9	109	80
20	25	80	100	75	4	15	9	110	80
25	25	80	125	90	4	19	9	110	80
32	39	101	135	100	4	19	11	142	100
40	39	101	140	105	4	19	11	142	100
50	50	116	155	120	4	19	12	167	125
65	62	128	175	140	4	19	13	195	125
80	74	144	185	150	8	19	15	218	140
100	100	166	210	175	8	19	15	271	180

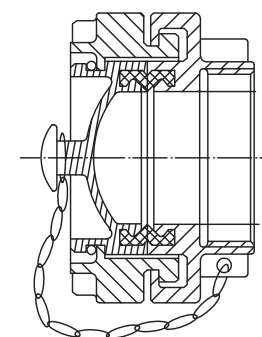


Class 150 Flange Bronze Ball Valves



尺寸表SIZE TABLE

DN	d	L	D	C	n-φh	t
5K15	12.5	76	80	60	4-φ12	11
5K20	15	74	85	65	4-φ12	11.5
5K25	20	78	95	75	4-φ12	11.5
5K32	32	100	115	90	4-φ15	13.5
5K40	32	100	120	95	4-φ15	13.5
10K15	12.5	76	95	70	4-φ15	11
10K20	15	74	100	75	4-φ15	11.5
10K25	20	78	125	90	4-φ19	11.5
10K32	32	100	135	100	4-φ19	13.5
10K40	32	100	140	105	4-φ19	13.5
10K50	40	108	155	120	4-19	16
10K65	50	112	175	140	4-19	18
16K50	40	108	155	120	8-19	16
16K65	50	112	175	140	8-19	18

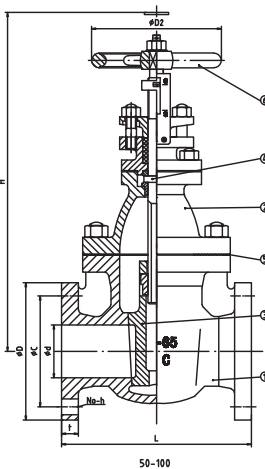
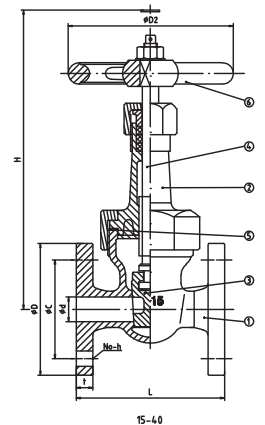


DIN86204
DIN86206
DIN86202
GB2031





F7367 Bronze 5K Rising Stem Type Gate Valves
F7368 Bronze 10K Rising Stem Type Gate Valves



材料表MATERIALS TABLE

序号	零件名称	材料	NAME OF PART	MATERIAL
1	阀体	ZCuSn5Pb5Zn5	BODY	BC6
2	阀盖	ZCuSn5Pb5Zn5	BONNET	BC6
3	闸板	ZCuSn5Pb5Zn5	DISC	BC6
4	阀杆	HPb59-1	STEM	C3771BD OR BE
5	垫片	非石棉	GASKET	NON-ASBESTOS
6	手轮	HT200	HANDWHEEL	FC200

尺寸表SIZE TABLE(7367)

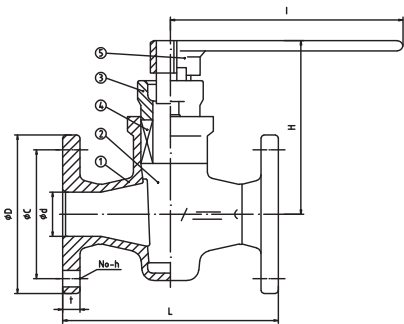
DN	d	L	D	C	NO.	h	t	H	D2
15	15	90	80	60	4	12	9	175	80
20	20	100	85	65	4	12	10	200	80
25	25	110	95	75	4	12	10	220	100
32	32	130	115	90	4	15	12	250	100
40	40	140	120	95	4	15	12	290	125
50	50	180	130	105	4	15	16	282	125
65	65	190	155	130	4	15	18	302	140
80	80	200	180	145	4	19	18	335	160
100	100	230	200	165	8	19	18	375	180

尺寸表SIZE TABLE(7368)

DN	d	L	D	C	NO.	h	t	H	D2
15	15	100	95	70	4	15	12	175	80
20	20	110	100	75	4	15	14	200	80
25	25	120	125	90	4	19	14	220	100
32	32	140	135	100	4	19	16	250	100
40	40	150	140	105	4	19	16	290	125
50	50	200	155	120	4	19	16	282	125
65	65	220	175	140	4	19	18	302	140



F7381 Bronze 5K Flanged Cocks Valves



材料表MATERIALS TABLE

序号	零件名称	材料	NAME OF PART	MATERIAL
1	阀体	ZCuSn5Pb5Zn5	BODY	BC6
2	旋塞	ZCuSn5Pb5Zn5	PLUG	BC6
3	填料压盖	ZCuSn5Pb5Zn5	GLAND PACKING	BC6
4	填料	柔性纸片石墨	PACKING	FLEXIBLE GRAPHITE
5	手柄	KTH300	HANDLE	FCMB30

尺寸表SIZE TABLE(7381)

DN	d	L	D	C	NO.	h	t	H	I
25	25	130	95	75	4	12	10	105	160
32	32	160	115	90	4	15	12	125	180
40	40	170	120	95	4	15	12	135	190
50	50	190	130	105	4	15	14	163	200
65	65	220	155	130	4	15	14	201	250



F7371 Bronze 5K /10K Swing Check Valves

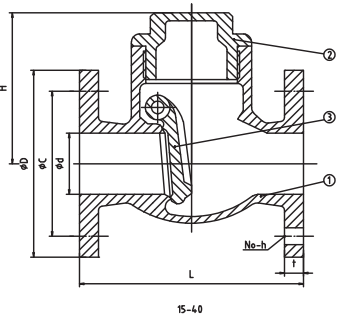


材料表MATERIALS TABLE

序号	零件名称	材料	NAME OF PART	MATERIAL
1	阀体	ZCuSn5Pb5Zn5	BODY	BC6
2	阀盖	ZCuSn5Pb5Zn5	BONNET	BC6
3	阀盘	ZCuSn5Pb5Zn5	DISC	BC6
4	垫片	非石棉	GASKET	NON-ASBESTOS

尺寸表SIZE TABLE(7371)

DN	d	L	D	C	NO.	h	t	H
5K15	15	110	80	60	4	12	10	69
5K20	20	110	85	65	4	12	10	69
5K25	25	110	95	75	4	12	10	69
5K32	32	130	115	90	4	15	12	79
5K40	40	140	120	95	4	15	12	93
10K15	15	110	95	70	4	15	10	69
10K20	20	110	100	75	4	15	10	69
10K25	25	110	125	90	4	19	10	69
10K32	32	130	135	100	4	19	12	79
10K40	40	140	140	105	4	19	12	93



F7371 Bronze 5K /10K Swing Check Valves

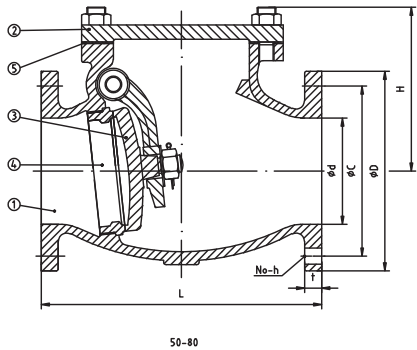


材料表MATERIALS TABLE

序号	零件名称	材料	NAME OF PART	MATERIAL
1	阀体	ZCuSn5Pb5Zn5	BODY	BC6
2	阀盖	ZCuSn5Pb5Zn5	BONNET	BC6
3	阀盘	ZCuSn5Pb5Zn5	DISC	BC6
4	阀座	ZCuSn5Pb5Zn5	VALVE SEAT	BC6
5	垫片	非石棉	GASKET	NON-ASBESTOS

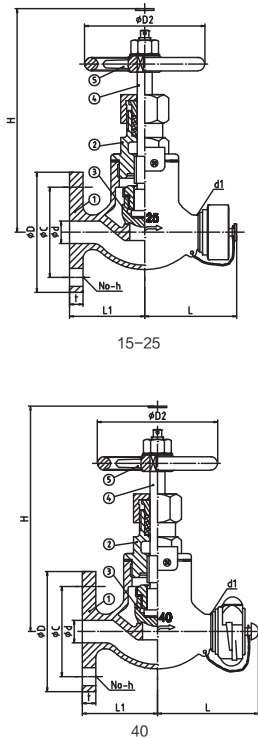
尺寸表SIZE TABLE(7371)

DN	d	L	D	C	NO.	h	t	H
5K50	50	190	130	105	4	15	16	97
5K65	65	220	155	130	4	15	18	119
5K80	80	250	180	145	4	19	18	129
10K50	50	210	155	120	4	19	20	109
10K65	65	240	175	140	4	19	22	126
10K80	80	270	185	150	8	19	22	136





F7334 Bronze Globe Hose Valves



材料表MATERIALS TABLE(15-40)

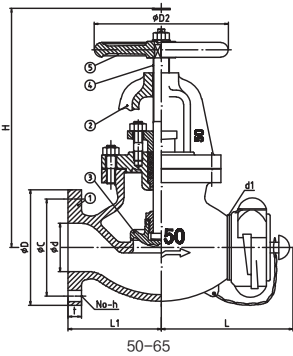
序号	零件名称	材料	NAME OF PART	MATERIAL
1	阀体	ZCuSn5Pb5Zn5	BODY	BC6
2	阀盖	ZCuSn5Pb5Zn5	BONNET	BC6
3	阀盘	ZCuSn5Pb5Zn5	DISC	BC6
4	阀杆	HPb59-1	STEM	C3771BD OR BE
5	垫片	非石棉	GASKET	NON-ASBESTOS
6	手轮	HT200	HANDWHEEL	FC200

尺寸表SIZE TABLE(15-40)

DN	d	L	D	C	NO.	h	t	H	D2	L1	d1
5K15	15	73	80	60	4	12	9	130	80	50	M42×2
10K15	15	73	95	70	4	15	12	130	80	55	M42×2
5K25	25	78	95	75	4	12	10	160	125	60	M42×2
10K25	25	83	125	90	4	19	14	160	125	65	M42×2
5K40	40	129	120	95	4	15	12	190	140	80	M52×2
10K40	40	134	140	105	4	19	16	190	140	90	M52×2



F7334 Bronze Globe Hose Valves



材料表MATERIALS TABLE(50-65)

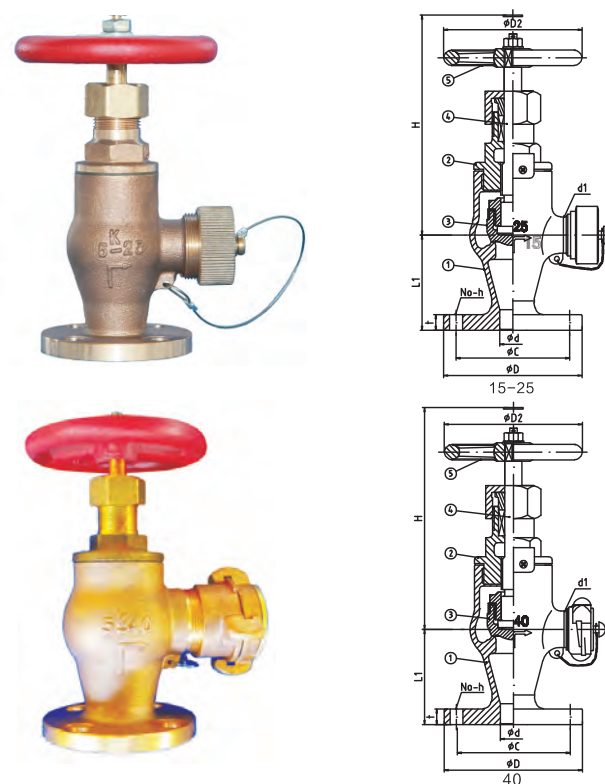
序号	零件名称	材料	NAME OF PART	MATERIAL
1	阀体	ZCuSn5Pb5Zn5	BODY	BC6
2	阀盖	ZCuSn5Pb5Zn5	BONNET	BC6
3	阀盘	ZCuSn5Pb5Zn5	DISC	BC6
4	阀杆	HPb59-1	STEM	C3771BD OR BE
5	压盖	ZCuSn5Pb5Zn5	GLAND PACKING	BC6
6	垫片	非石棉	GASKET	NON-ASBESTOS
7	手轮	HT200	HANDWHEEL	FC200

尺寸表SIZE TABLE(50-65)

DN	d	L	D	C	NO.	h	t	H	D2	L1	d1
5K50	50	160	130	105	4	15	14	270	160	105	M64×2
10K50	50	165	155	120	4	19	16	285	160	110	M64×2
10K65	65	200	175	140	4	19	18	310	200	135	M80×2



F7334 Bronze Hose Angle Valves



材料表MATERIALS TABLE (15-40)

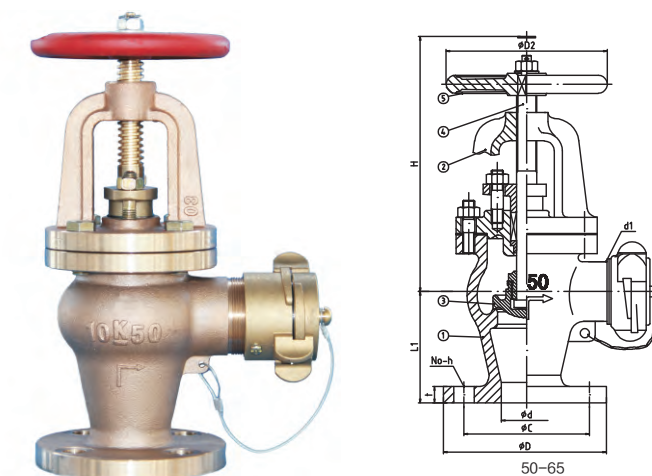
序号	零件名称	材料	NAME OF PART	MATERIAL
1	阀体	ZCuSn5Pb5Zn5	BODY	BC6
2	阀盖	ZCuSn5Pb5Zn5	BONNET	BC6
3	阀盘	ZCuSn5Pb5Zn5	DISC	BC6
4	阀杆	HPb59-1	STEM	C3771BD OR BE
5	垫片	非石棉	GASKET	NON-ASBESTOS
6	手轮	HT200	HANDWHEEL	FC200

尺寸表SIZE TABLE (15-40)

DN	d	L	D	C	NO.	h	t	H	D2	L1	d1
5K15	15	68	80	60	4	12	9	120	80	55	M42×2
10K15	15	73	95	70	4	15	12	120	80	70	M42×2
5K25	25	78	95	75	4	12	10	145	125	65	M42×2
10K25	25	83	125	90	4	19	14	145	125	85	M42×2
5K40	40	124	120	95	4	15	12	165	140	85	M52×2
10K40	40	124	140	105	4	19	16	165	140	100	M52×2



F7334 Bronze Hose Angle Valves



材料表MATERIALS TABLE (50-65)

序号	零件名称	材料	NAME OF PART	MATERIAL
1	阀体	ZCuSn5Pb5Zn5	BODY	BC6
2	阀盖	ZCuSn5Pb5Zn5	BONNET	BC6
3	阀盘	ZCuSn5Pb5Zn5	DISC	BC6
4	阀杆	HPb59-1	STEM	C3771BD OR BE
5	压盖	ZCuSn5Pb5Zn5	GLAND PACKING	BC6
6	垫片	非石棉	GASKET	NON-ASBESTOS
7	手轮	HT200	HANDWHEEL	FC200

尺寸表SIZE TABLE (50-65)

DN	d	L	D	C	NO.	h	t	H	D2	L1	d1
5K50	50	155	130	105	4	15	14	240	160	100	M64×2
10K50	50	160	155	120	4	19	16	255	160	120	M64×2
10K65	65	180	175	140	4	19	18	270	200	130	M80×2



F7220Q Bronze Y Type Strainer



材料表MATERIALS TABLE

序号	零件名称	材料	NAME OF PART	MATERIAL
1	阀体	ZCuSn5Pb5Zn5	BODY	BC6
2	阀盖	ZCuSn5Pb5Zn5	BONNET	BC6
3	滤网	1Cr18Ni9Ti	STRAINER	SUS304
4	垫片	非石棉	GASKET	NON-ASBESTOS

尺寸表SIZE TABLE(F7220Q)

DN	d	L	D	C	NO.	h	t	H
5K15	25	165	80	60	4	12	9	86
5K20	25	165	85	65	4	12	10	86
5K25	25	165	95	75	4	12	10	86
5K32	40	170	115	90	4	15	12	106
5K40	40	170	120	95	4	15	12	106
5K80	80	373	180	145	4	19	18	266

尺寸表SIZE TABLE(F7220Q)

DN	d	L	D	C	NO.	h	t	H
10K/16K15	25	165	95	70	4	12	12	86
10K/16K20	25	165	100	75	4	15	14	86
10K/16K25	25	165	125	90	4	19	14	86
10K/16K32	40	170	135	100	4	19	16	106
10K/16K40	40	170	140	105	4	19	16	106



F3019 Self-closing Gate Valve Heads For Sounding Pipe

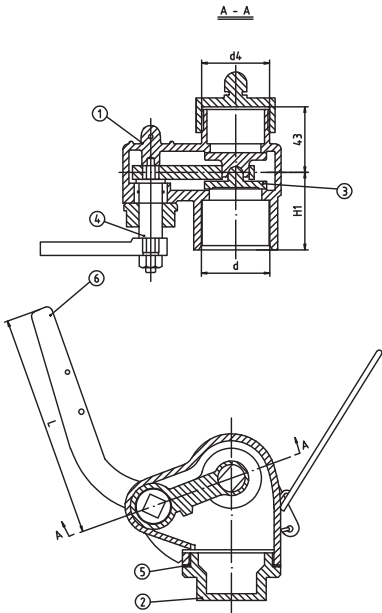


材料表MATERIALS TABLE

序号	零件名称	材料	NAME OF PART	MATERIAL
1	阀体	ZCuSn5Pb5Zn5	BODY	BC6
2	阀盖	ZCuSn5Pb5Zn5	BONNET	BC6
3	闸板	ZCuSn5Pb5Zn5	DISC	BC6
4	阀杆	HPb59-1	STEM	C3771BD OR BE
5	垫片	非石棉	GASKET	NON-ASBESTOS
6	手轮	ZCuSn5Pb5Zn5	HANDWHEEL	BC6

尺寸表SIZE TABLE

DN	d	d4	H1	L
40	G11/2	G11/2	54	160
50	G2	G2	60	160





F7398 Shipbuilding-fuel Oil Tank Self-closing Drain Valves U/F Type



材料表MATERIALS TABLE

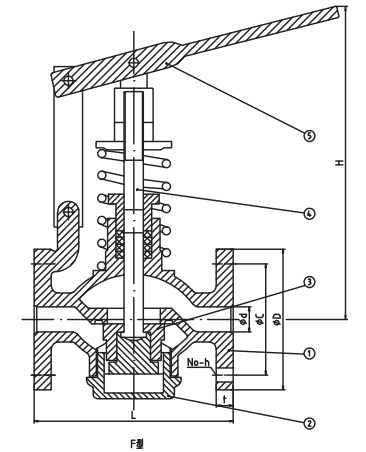
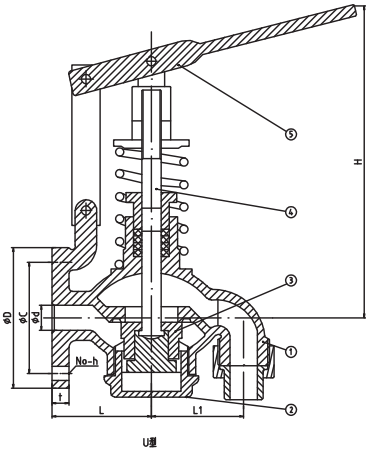
序号	零件名称	材料	NAME OF PART	MATERIAL
1	阀体	ZCuSn5Pb5Zn5	BODY	BC6
2	阀盖	ZCuSn5Pb5Zn5	BONNET	BC6
3	阀盘	ZCuSn5Pb5Zn5	DISC	BC6
4	阀杆	HPb59-1	STEM	C3771BD OR BE
5	手柄	Q235A	HANDLE	SS400

尺寸表SIZE TABLE(7398U型/MODEL)

DN	d	L	D	C	NO.	h	T	H	L1
5K15U	15	55	80	60	4	12	9	179	55
10K15U	15	55	95	70	4	15	12	179	55
5K20U	20	65	85	65	4	12	10	187	65
10K20U	20	65	100	75	4	15	14	187	65
5K25U	25	65	95	75	4	12	10	187	65
10K25U	25	65	125	90	4	19	14	187	65
5K40U	40	90	120	95	4	15	12	229	100
5K65U	65	135	155	130	4	15	14	252	160

尺寸表SIZE TABLE(7398F型/MODEL)

DN	d	L	D	C	NO.	h	t	H
5K15F	15	110	80	60	4	12	9	179
5K20F	20	130	85	65	4	12	10	187
10K20F	20	130	100	75	4	15	14	187
5K40F	40	180	120	95	4	15	12	229



F7399 Fuel Oil Tank Emergency Shut-off Valves

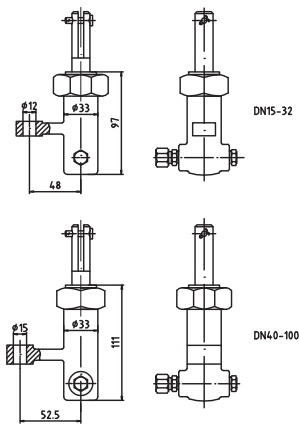
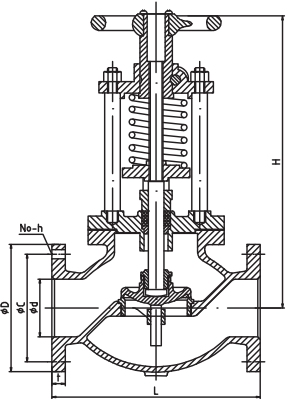


材料表MATERIALS TABLE

序号	零件名称	材料	NAME OF PART	MATERIAL
1	阀体	ZCuSn5Pb5Zn5	BODY	BC6
2	阀盖	ZCuSn5Pb5Zn5	BONNET	BC6
3	阀盘	ZCuSn5Pb5Zn5	DISC	BC6
4	阀座	ZCuSn5Pb5Zn5	VALVE SEAT	BC6
5	阀杆	HPb59-1	STEM	C3771BD OR BE
6	操作杆	1Cr13	OPERATING SPINDLE	SUS403
7	垫片	非石棉	GASKET	NON-ASBESTOS
8	手轮	HT200	HANDWHEEL	FC200
9	气动头			

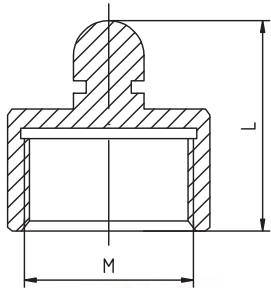
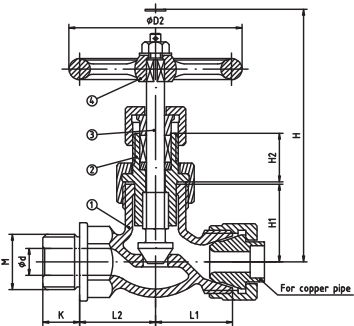
尺寸表SIZE TABLE(7399)

DN	d	L	D	C	NO.	h	t	H	D2
5K15	15	120	80	60	4	12	9	268	120
5K20	20	120	85	65	4	12	10	268	120
5K25	25	120	95	75	4	12	10	268	120
5K40	40	160	120	95	4	15	12	302	140
5K50	50	210	130	105	4	15	14	316	140
5K65	65	250	155	130	4	15	14	391	180
5K80	80	280	180	145	4	19	18	416	180
10K15	15	130	95	70	4	15	12	268	120
10K20	20	130	100	75	4	15	14	268	120
10K25	25	130	125	90	4	19	14	268	120
10K40	40	170	140	105	4	19	16	302	140
10K50	50	220	155	120	4	19	16	316	140
10K65	65	270	175	140	4	19	18	391	180
10K80	80	300	185	150	8	19	18	416	180





F7388 Bronze 20K Globe Valves S/U Type



材料表MATERIALS TABLE

序号	零件名称	材料	NAME OF PART	MATERIAL
1	阀体	ZCuSn5Pb5Zn5	BODY	BC6
2	阀盖	ZCuSn5Pb5Zn5	BONNET	BC6
3	阀杆	HPb59-1	STEM	C3771BD OR BE
4	手轮	HT200	HANDWHEEL	FC200

尺寸表SIZE TABLE(S Type)

DN	COPPER PIPE	K	L2	L1	H1	H2	H	M	D2
6	φ 10	12	32	32	30	22	100	M20 × 1.5	65
10	φ 15	16	35	36	33	29	115	M24 × 2	80

尺寸表SIZE TABLE(U Type)

DN	COPPER PIPE	K	L2	L1	H1	H2	H	M	D2
6	φ 10	12	32	32	30	22	100	—	65
10	φ 15	16	35	36	33	29	115	—	80

Brass Bonnet Measurement

黄铜测量头盖

材料表MATERIALS TABLE

序号	零件名称	材料	NAME OF PART	MATERIAL
1	阀体	ZCuZn40Pb2	BODY	ZCuZn40Pb2

尺寸表SIZE TABLE

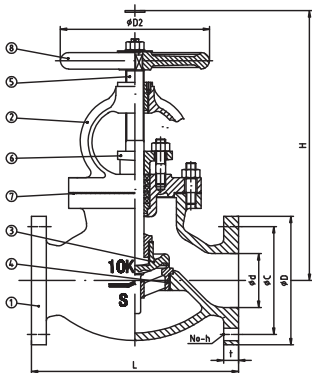
DN	d	L
32	G1 1/4	50
40	G1 1/2	50
50	G2	50
65	G2 1/2	56
80	G3	56



F7311 Cast Steel 5K Globe Valves

F7319 Cast Steel 10K Globe Valves

F7313 Cast Steel 20K Globe Valves



材料表MATERIALS TABLE

序号	零件名称	材料		NAME OF PART	MATERIAL	
		CLASS B	CLASS S		CLASS B	CLASS S
1	阀体	ZG230-460		BODY	SC450	
2	阀盖	ZG230-460		BONNET	SC450	
3	阀盘	ZCuSn5Pb5Zn5	ZG2Cr13	DISC	BC6	SUS420
4	阀座	ZCuSn5Pb5Zn5	ZG2Cr13	VALVE SEAT	BC6	SUS420
5	阀杆	HPb59-1	ZG2Cr13	STEM	C3771BD OR BE	SUS 420
6	压盖	ZCuSn5Pb5Zn5		GLAND PACKING	BC6	
7	垫片	非石棉		GASKET	NON-ASBESTOS	
8	手轮	HT200		HANDWHEEL	FC200	

尺寸表SIZE TABLE(7311)

DN	d	L	D	C	NO.	h	t	H	D2
50	50	210	130	105	4	15	14	270	160
65	65	250	155	130	4	15	14	300	180
80	80	280	180	145	4	19	16	310	180
100	100	340	200	165	8	19	16	360	224
125	125	410	235	200	8	19	16	390	250
150	150	480	265	230	8	19	18	445	280
200	200	570	320	280	8	23	20	530	315
250	250	740	385	345	12	23	22	650	355
300	300	840	430	390	12	23	24	740	400

尺寸表SIZE TABLE(7319)

DN	d	L	D	C	NO.	h	t	H	D2
50	50	220	155	120	4	19	16	270	160
65	65	270	175	140	4	19	18	300	200
80	80	300	185	150	8	19	18	310	200
100	100	350	210	175	8	19	18	355	250
125	125	420	250	210	8	23	20	415	280
150	150	490	280	240	8	23	22	470	315
200	200	570	330	290	12	23	22	565	355
250	250	740	400	355	12	25	24	645	400
300	300	840	445	400	16	25	24	735	450

尺寸表SIZE TABLE(7313)

DN	d	L	D	C	NO.	h	t	H	D2
32	32	190	135	100	4	19	18	270	160
40	40	200	140	105	4	19	18	290	160
50	50	230	155	120	8	19	18	305	200
65	65	270	175	140	8	19	20	345	224
80	80	300	200	160	8	23	22	385	250
100	100	350	225	185	8	23	24	440	280
125	125	430	270	225	8	25	26	500	315
150	150	500	305	260	12	25	28	550	355
200	200	560	350	305	12	25	30	630	450
250	250	660	430	380	12	27	34	725	560



F7311C Cast Steel 5K Screw-down Check Globe Valves
F7471 Cast Steel 10K Screw-down Check Globe Valves
F7473 Cast Steel 20K Screw-down Check Globe Valves



F7312 Cast Steel 5K Angle Valves
F7320 Cast Steel 10K Angle Valves
F7314 Cast Steel 20K Angle Valves

材料表MATERIALS TABLE

序号	零件名称	材料		NAME OF PART	MATERIAL	
		CLASS B	CLASS S		CLASS B	CLASS S
1	阀体	ZG230~460		BODY	SC450	
2	阀盖	ZG230~460		BONNET	SC450	
3	阀盘	ZCuSn5Pb5Zn5	ZG2Cr13	DISC	BC6	SUS 420
4	阀座	ZCuSn5Pb5Zn5	ZG2Cr13	VALVE SEAT	BC6	SUS 420
5	阀杆	HPb59-1	ZG2Cr13	STEM	C377IBD OR BE	SUS 420
6	压盖	ZCuSn5Pb5Zn5		GLAND PACKING	BC6	
7	垫片	非石棉		GASKET	NON-ASBESTOS	
8	手轮	HT200		HANDWHEEL	FC200	

尺寸表SIZE TABLE(7311C)

DN	d	L	D	C	NO.	h	t	H	D2
50	50	210	130	105	4	15	14	270	160
65	65	250	155	130	4	15	14	290	180
80	80	280	180	145	4	19	16	300	180
100	100	340	200	165	8	19	16	350	224
125	125	410	235	200	8	19	16	380	250
150	150	480	265	230	8	19	18	430	280
200	200	570	320	280	8	23	20	505	315
250	250	740	385	345	12	23	22	620	355
300	300	840	430	390	12	23	24	715	400

尺寸表SIZE TABLE(7471)

DN	d	L	D	C	NO.	h	t	H	D2
50	50	220	155	120	4	19	16	265	160
65	65	270	175	140	4	19	18	295	200
80	80	300	185	150	8	19	18	300	200
100	100	350	210	175	8	19	18	345	250
125	125	420	250	210	8	23	20	405	280
150	150	490	280	240	8	23	22	455	315
200	200	570	330	290	12	23	22	545	355
250	250	740	400	355	12	25	24	645	400
300	300	840	445	400	16	25	24	735	450

尺寸表SIZE TABLE(7473)

DN	d	L	D	C	NO.	h	t	H	D2
32	32	190	135	100	4	19	18	265	160
40	40	200	140	105	4	19	18	280	160
50	50	230	155	120	8	19	18	295	200
65	65	270	175	140	8	19	20	330	224
80	80	300	200	160	8	23	22	370	250
100	100	350	225	185	8	23	24	420	280
125	125	430	270	225	8	25	26	475	315
150	150	500	305	260	12	25	28	525	355
200	200	560	350	305	12	25	30	605	450
250	250	660	430	380	12	27	34	700	560

材料表MATERIALS TABLE

序号	零件名称	材料		NAME OF PART	MATERIAL	
		CLASS B	CLASS S		CLASS B	CLASS S
1	阀体	ZG230~460		BODY	SC450	
2	阀盖	ZG230~460		BONNET	SC450	
3	阀盘	ZCuSn5Pb5Zn5	ZG2Cr13	DISC	BC6	SUS 420
4	阀座	ZCuSn5Pb5Zn5	ZG2Cr13	VALVE SEAT	BC6	SUS 420
5	阀杆	HPb59-1	ZG2Cr13	STEM	C377IBD OR BE	SUS 420
6	压盖	ZCuSn5Pb5Zn5		GLAND PACKING	BC6	
7	垫片	非石棉		GASKET	NON-ASBESTOS	
8	手轮	HT200		HANDWHEEL	FC200	

尺寸表SIZE TABLE(7312)

DN	d	L	D	C	NO.	h	t	H	D2
50	50	100	130	105	4	15	14	240	160
65	65	115	155	130	4	15	14	255	180
80	80	130	180	145	4	19	16	265	180
100	100	150	200	165	8	19	16	310	224
125	125	170	235	200	8	19	16	330	250
150	150	190	265	230	8	19	18	380	280
200	200	220	320	280	8	23	20	450	315
250	250	275	385	345	12	23	22	540	355
300	300	310	430	390	12	23	22	610	400

尺寸表SIZE TABLE(7320)

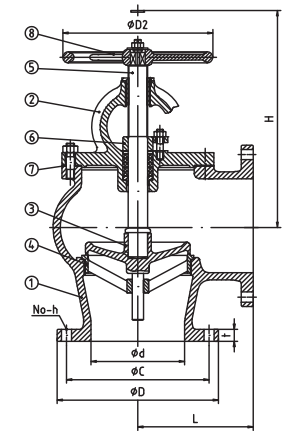
DN	d	L	D	C	NO.	h	t	H	D2
50	50	120	155	120	4	19	16	240	160
65	65	130	175	140	4	19	18	260	200
80	80	140	185	150	8	19	18	265	200
100	100	160	210	175	8	19	18	300	250
125	125	180	250	210	8	23	20	350	280
150	150	205	280	240	8	23	22	400	315
200	200	230	330	290	12	23	22	485	355
250	250	290	400	355	12	25	24	535	400
300	300	320	445	400	16	25	24	610	450

尺寸表SIZE TABLE(7314)

DN	d	L	D	C	NO.	h	t	H	D2
32	32	100	135	100	4	19	18	270	160
40	40	110	140	105	4	19	18	290	160
50	50	125	155	120	8	19	18	305	200
65	65	135	175	140	8	19	20	345	224
80	80	150	200	160	8	23	22	385	250
100	100	170	225	185	8	23	24	440	280
125	125	200	270	225	8	25	26	500	315
150	150	225	305	260	12	25	28	550	355
200	200	280	350	305	12	25	30	630	450
250	250	310	430	380	12	27	34	725	560



F7312C Cast Steel 5K Screw-down Check Angle Valves
F7472 Cast Steel 10K Screw-down Check Angle Valves
F7474 Cast Steel 20K Screw-down Check Angle Valves



材料表MATERIALS TABLE

序号	零件名称	材料		NAME OF PART	MATERIAL	
		CLASS B	CLASS S		CLASS B	CLASS S
1	阀体	ZG230~460		BODY	SC450	
2	阀盖	ZG230~460		BONNET	SC450	
3	阀盘	ZCuSn5Pb5Zn5	ZG2Cr13	DISC	BC6	SUS 420
4	阀座	ZCuSn5Pb5Zn5	ZG2Cr13	VALVE SEAT	BC6	SUS 420
5	阀杆	HPb59-1	ZG2Cr13	STEM	C377/BD OR BE	SUS 420
6	压盖	ZCuSn5Pb5Zn5		GLAND PACKING	BC6	
7	垫片	非石棉		GASKET	NON-ASBESTOS	
8	手轮	HT200		HANDWHEEL	FC200	

尺寸表SIZE TABLE(7312C)

DN	d	L	D	C	NO.	h	t	H	D2
50	50	100	130	105	4	15	14	240	160
65	65	115	155	130	4	15	14	245	180
80	80	130	180	145	4	19	16	255	180
100	100	150	200	165	8	19	16	300	224
125	125	170	235	200	8	19	16	320	250
150	150	190	265	230	8	19	18	365	280
200	200	220	320	280	8	23	20	425	315
250	250	275	385	345	12	23	22	510	355
300	300	310	430	390	12	23	22	585	400

尺寸表SIZE TABLE(7472)

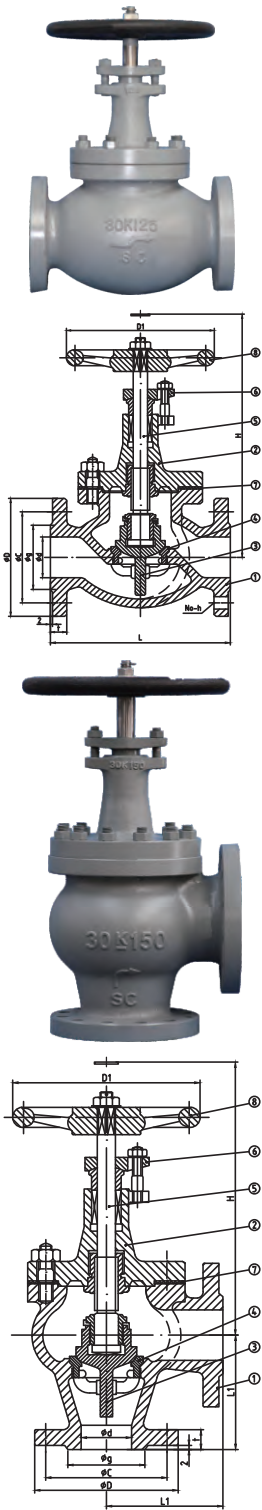
DN	d	L	D	C	NO.	h	t	H	D2
50	50	120	155	120	4	19	16	235	160
65	65	130	175	140	4	19	18	250	200
80	80	140	185	150	8	19	18	255	200
100	100	160	210	175	8	19	18	290	250
125	125	180	250	210	8	23	20	340	280
150	150	205	280	240	8	23	22	385	315
200	200	230	330	290	12	23	22	460	355
250	250	290	400	355	12	25	24	535	400
300	300	320	445	400	16	25	24	610	450

尺寸表SIZE TABLE(7474)

DN	d	L	D	C	NO.	h	t	H	D2
32	32	100	135	100	4	19	18	270	160
40	40	110	140	105	4	19	18	290	160
50	50	125	155	120	8	19	18	305	200
65	65	135	175	140	8	19	20	345	224
80	80	150	200	160	8	23	22	385	250
100	100	170	225	185	8	23	24	440	280
125	125	200	270	225	8	25	26	500	315
150	150	225	305	260	12	25	28	550	355
200	200	280	350	305	12	25	30	630	450
250	250	310	430	380	12	27	34	725	560



F7340 marine cast steel 30K globe air valves
F7475 marine cast steel 30K angle air valves



材料表MATERIALS TABLE

序号	零件名称	材料		NAME OF PART	MATERIAL	
		CLASS S			CLASS S	
1	阀体	ZG230~450		BODY	SC450	
2	阀盖	ZG230~450		BONNET	SC450	
3	上阀口	ZG2CR13		DISC	SUS420	
4	下阀口	ZG2CR13		SEAT	SUS420	
5	丝杆	ZG2CR13		STEM	SUS420	
6	填料压盖	ZCUSn5Pb5Zn5		GLAND PACKING	BC6	
7	垫片	非石棉		GASKET	NON-ASBESTOS	
8	手轮	HT200		HANDWHEEL	FC200	

尺寸表SIZE TABLE(7340)

DN	d	L	D	C	NO.	h	t	H	D1
32	32	220	140	105	4	19	22	270	180
40	40	240	160	120	4	23	22	280	180
50	50	260	165	130	8	19	22	350	224
65	65	310	200	160	8	23	26	390	250
80	80	340	210	170	8	23	28	430	280
100	100	390	240	195	8	25	32	480	315
125	125	470	275	230	8	25	36	570	400
150	150	540	325	275	12	27	38	655	450

尺寸表SIZE TABLE(7475)

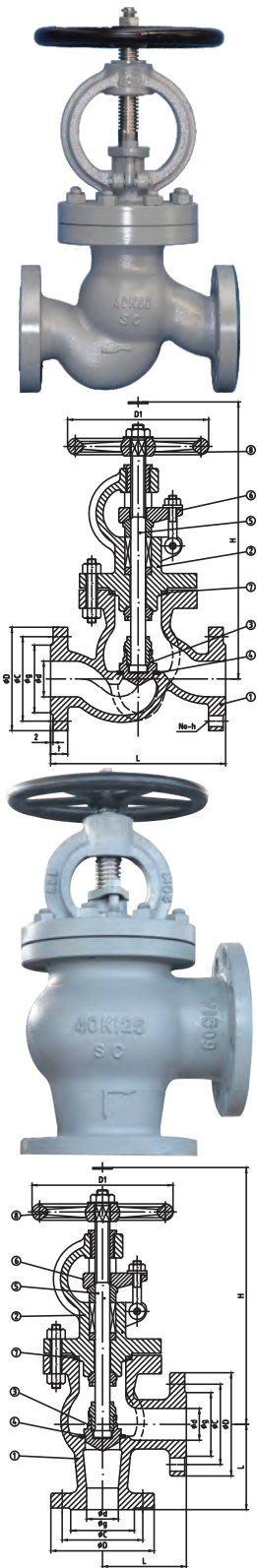
DN	d	L	D	C	NO.	h	t	H	D1
32	32	114	140	105	4	19	22	245	180
40	40	121	160	120	4	23	22	255	180
50	50	146	165	130	8	19	22	310	224
65	65	165	200	160	8	23	26	340	250
80	80	178	210	170	8	23	28	380	280
100	100	205	240	195	8	25	32	435	315
125	125	230	275	230	8	25	36	510	400
150	150	250	325	275	12	27	38	585	450
200	200	300	370	320	12	27	42	685	500



F7317 marine cast steel 40K globe valve
F7318 marine cast steel 40K angle valve



F7363C Cast Steel 5K Gate Valves
F7366 Cast Steel 10K Gate Valves



材料表MATERIALS TABLE

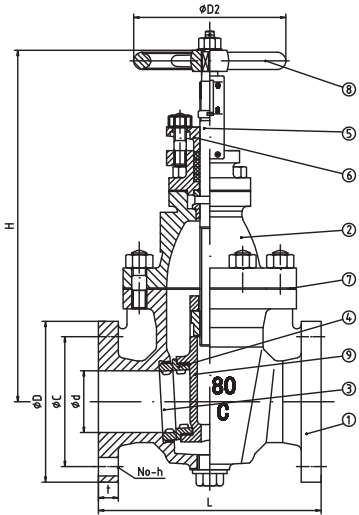
序号	零件名称	材料	NAME OF PART	MATERIAL
		CLASS S		CLASS S
1	阀体	ZG230-450	BODY	SC450
2	阀盖	ZG230-450	BONNET	SC450
3	上阀口	ZG2CR13	DISC	SUS420
4	焊接密封圈	焊接304	WELDING SEALING RING	SUS304
5	丝杆	ZG2CR13	STEM	SUS420
6	填料压盖	ZG2CR13	GLAND PACKING	BC6
7	垫片	非石棉	GASKET	NON-ASBESTOS
8	手轮	HT200	HANDWHEEL	FC200
9				

尺寸表SIZE TABLE(7317)

DN	d	L	D	C	NO.	h	t	H	D1
32	32	229	140	105	4	19	24	370	200
40	40	241	160	120	4	23	24	395	200
50	50	292	165	130	8	19	26	435	224
65	65	330	200	160	8	23	30	490	250
80	80	356	210	170	8	23	32	540	315
100	100	432	250	205	8	25	36	640	400
125	125	508	300	250	8	27	40	720	450
150	150	559	355	295	12	33	44	815	500

尺寸表SIZE TABLE(7318)

DN	d	L	D	C	NO.	h	t	H	D1
32	32	114	140	105	4	19	24	350	200
40	40	121	160	120	4	23	24	370	200
50	50	146	165	130	8	19	26	405	224
65	65	165	200	160	8	23	30	455	250
80	80	178	210	170	8	23	32	500	315
100	100	216	250	205	8	25	36	590	400
125	125	254	300	250	8	27	40	660	450
150	150	279	355	295	12	33	44	740	500



材料表MATERIALS TABLE

序号	零件名称	材料	NAME OF PART	MATERIAL
		CLASS B CLASS S		CLASS B CLASS S
1	阀体	ZG230-460	BODY	SC450
2	阀盖	ZG230-460	BONNET	SC450
3	阀座 (阀体)	ZCuSn5Pb5Zn5 ZG2Cr13	VALVE SEAT	BC6 SUS 420
4	阀座 (闸板)	ZCuSn5Pb5Zn5 ZG2Cr13	VALVE SEAT	BC6 SUS 420
5	阀杆	HPb59-1 ZG2Cr13	STEM	C377IBD OR BE SUS 420
6	压盖	ZCuSn5Pb5Zn5	GLAND PACKING	BC6
7	垫片	非石棉	GASKET	NON-ASBESTOS
8	手轮	HT200	HANDWHEEL	FC200
9	闸板	ZG230-460	DISC	SC450

尺寸表SIZE TABLE(7363C)

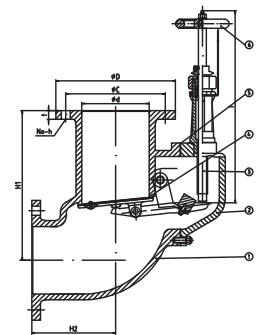
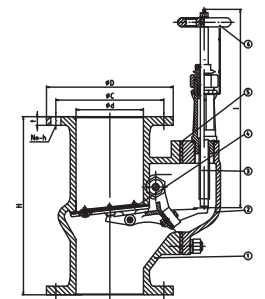
DN	d	L	D	C	NO.	h	t	H	D2
50	50	180	130	105	4	15	14	285	125
65	65	190	155	130	4	15	14	330	140
80	80	200	180	145	4	19	14	380	160
100	100	230	200	165	8	19	16	430	180
125	125	250	235	200	8	19	16	495	200
150	150	270	265	230	8	19	18	560	224
200	200	290	320	280	8	23	20	680	280
250	250	330	385	345	12	23	22	800	355
300	300	370	430	390	12	23	22	920	400
350	335	410	480	435	12	25	24	1000	450
400	380	470	540	495	16	25	24	1100	500

尺寸表SIZE TABLE(7366)

DN	d	L	D	C	NO.	h	t	H	D2
50	50	200	155	120	4	19	16	300	140
65	65	220	175	140	4	19	18	350	160
80	80	230	185	150	8	19	18	400	180
100	100	250	210	175	8	19	18	450	200
125	125	270	250	210	8	23	20	520	224
150	150	290	280	240	8	23	22	580	250
200	200	310	330	290	12	23	22	700	315
250	250	340	400	355	12	25	24	840	400
300	300	380	445	400	16	25	24	960	450
350	335	370	490	445	16	25	26	1050	500
400	380	410	560	510	16	27	28	1150	560



F3060 Cast Steel Globe Storm Valves
F3060 R Cast Steel Angle Storm Valves



材料表MATERIALS TABLE

序号	零件名称	材料		NAME OF PART	MATERIAL	
		CLASS B	CLASS S		CLASS B	CLASS S
1	阀体	ZG230-460		BODY	SC450	
2	阀盖	ZG230-460		BONNET	SC450	
3	阀杆	HPb59-1	ZG2Cr13	STEM	C4641 BD OR 4641BE	SUS420
4	密封圈		丁晴橡胶	GASKET		NBR
5	垫片		丁晴橡胶	GASKET		NBR
6	手柄	HT200		HANDWHEEL	FC200	

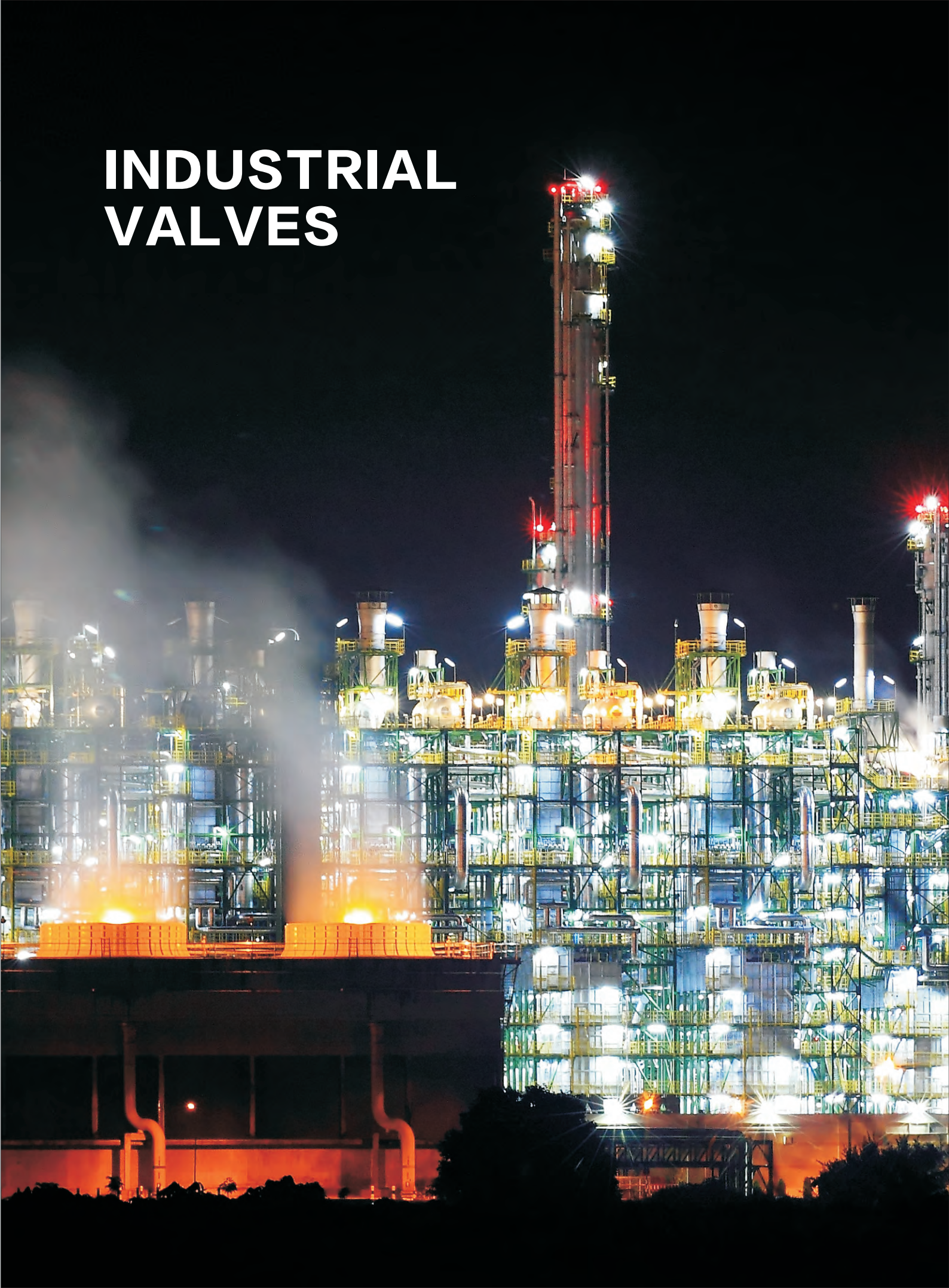
尺寸表SIZE TABLE(3060)

DN	H	D	C	n-d	I
50	210	130	105	4-15	250
65	240	155	130	4-15	250
80	260	180	145	4-19	250
100	280	200	165	8-19	250
125	330	235	200	8-19	250
150	360	265	230	8-19	250
200	450	320	280	8-23	250

尺寸表SIZE TABLE(3060R)

DN	H1	H2	D	C	n-d	I
50	170	90	130	105	4-15	250
65	200	110	155	130	4-15	250
80	220	120	180	145	4-19	250
100	250	130	200	165	8-19	250
125	270	150	235	200	8-19	250
150	310	165	265	230	8-19	250
200	400	190	320	280	8-23	250

INDUSTRIAL VALVES



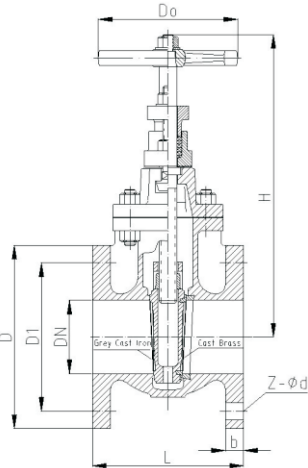
Cast Iron Non-Rising Stem Gate Valve
BS3464 PN10

TECHNICAL SPECIFICATION

- Flange drilled acc. to BS10 table E
- Face to face dimensions conform to BS3464
- Maximum working pressure 10bar(1.0Mpa)
- Maximum working temperature 120℃

MATERIAL LIST

PART	MATERIAL
Body	Grey Cast Iron
Bonnet	Grey Cast Iron
Stem	Stainless Steel
Yoke Nut	Cast Brass
Seat Sealing	Cast Brass/Grey Cast Iron
Wedge Sealing	Cast Brass/Grey Cast Iron
Handwheel	Grey Cast Iron
Gland Packing	Lubricated Asbestos



DIMENSIONS

DN		L	D	D1	b	Z-φd	Do	H
MM	IN							
50	2	146	152	114	19	4-18	152	289
65	2 1/2	159	165	127	19	4-18	152	302
80	3	165	184	146	19	4-18	152	342
100	4	172	216	178	22	8-18	204	370
150	6	210	279	235	22	8-22	229	489
200	8	241	337	292	25	8-22	305	641
250	10	273	406	356	25	12-22	337	759
300	12	305	457	406	28	12-22	337	851

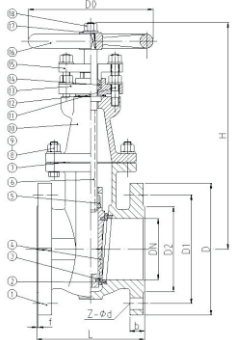
Cast Iron Gate Valve NRS Solid Wedge Disc Flanged Ends
BS5150 PN16 & BS5163

TECHNICAL SPECIFICATION

- Conforms to BS5150 PN16 & BS5163
- Flanges drilled to BS4504
- Face to face dimensions conform to BS5150 Series 3
- Nominal pressure:1.6Mpa
- Seat Test pressure:1.76Mpa
- Shell Test pressure:2.4Mpa
- Suitable Temperature ≤232 C
- Suitable media:water,oil,gas

PARTS LIST

No.	Part	Material
1	Boby	Cast Iron
2	Seat Rings	Cast Bronze
3	Wedge Face Rings	Cast Bronze
4	Wedge	Cast Iron
5	Wedge Nut	Cast Bronze
6	Stem	Brass
7	Body Gasket	Graphite
8	Bolts	Steel
9	Nuts	Steel
10	Bonnet	Cast Iron
11	Gland Follower Bolts	Steel
12	Suffing Box Gasket	Graphite
13	Suffing Box	Cast Iron
14	Packing	Graphite
15	Gland Follower	Ductile Iron
16	Handwheel	Cast Iron
17	Washer	Steel
18	Handwheel Nut	Steel



DIMENSIONS

DN		L	D	D1	D2	b	f	Z-φd	Do	H
MM	IN									
50	2	178	165	125	102	20	2	4-19	178	298
65	2 ½	190.5	185	145	122	20	2	4-19	178	323
80	3	203.2	200	160	138	22	2	8-19	200	338
100	4	228.6	220	180	158	24	2	8-19	254	411
125	5	254	250	210	188	26	2.5	8-19	300	503
150	6	266.7	282	240	212	26	2.5	8-23	300	558
200	8	292	340	298	268	30	2.5	12-23	348	650
250	10	330	405	355	320	32	2.5	12-28	400	770
300	12	356	460	410	378	32	2.5	12-28	457	861
350	14	381	520	470	438	36	2	16-28	508	991
400	16	406	580	525	490	38	2	16-31	558	1058
450	18	432	640	585	550	40	2	20-31	610	1206
500	20	457	715	650	610	42	2	20-34	640	1276
600	24	508	840	770	725	48	2	20-37	762	1466

Cast Iron Non-Rising Stem Gate Valve
DIN3202-F4 PN10/PN16

TECHNICAL SPECIFICATION

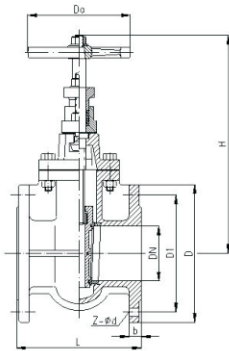
- PN10 Flange to DIN2532
- PN16 Flange to DIN2533
- Face to face dimension DIN3202 F4
- PN10Maximum working pressure 10bar(1.0Mpa)
- PN16Maximum working pressure 16bar(1.6Mpa)
- Maximum working temperature 120℃

PARTS LIST

PART	MATERIAL	SPECIFICATION
Body	GG25 Grey Cast Iron	DIN
Bonnet	GG25 Grey Cast Iron	DIN
Stem	X20Cr13 Stainless Steel	DIN
Yoke Nut	CuZn40pb2 Brass	DIN
Seat Sealing	CuZn40pb2 Brass	DIN
Wedge Sealing	CuZn40pb2 Brass	DIN
Handwheel	GG25 Cast Iron	DIN
Gland Packing	Lubricated Asbestos	DIN

DIMENSIONS

DN		L	PN 10	PN 10	PN 10	PN 16	PN 16	PN 16	PN 16	PN 16	Do
MM	IN		D	D1	b	Z-Φd	D	D1	b	Z-Φd	
40	1 1/4	140	150	110	18	4-18	150	110	18	4-18	152
50	2	150	165	125	20	4-18	165	125	20	4-18	152
65	2 1/2	170	185	145	20	4-18	185	145	20	4-18	152
80	3	180	200	160	22	4-18	200	160	22	8-18	152
100	4	190	220	180	22	8-18	220	180	24	8-18	204
125	5	200	250	210	24	8-18	250	210	26	8-18	229
150	6	210	285	240	24	8-23	285	240	26	8-23	229
200	8	230	340	295	26	8-23	340	295	30	12-23	305
250	10	250	395	350	28	12-23	405	355	32	12-27	337
300	12	270	445	400	28	12-23	460	410	32	12-27	337



Cast Iron Gate Valve NRS Solid Wedge Disc Flanged Ends
MSS SP-70 B16

TECHNICAL SPECIFICATION

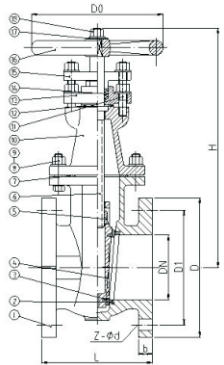
- Conforms to MSS SP-70
- Flanges drilled to ANSI B16.1(125lb)
- Fase to face dimensions conform to ANSI B16.10(125lb)
- Working pressure:125S,200WOG
- Suitable media:water,oil,gas
- Construction available in all iron

PARTS LIST

No.	Part	Material	USA Standard
1	Boby	Cast Iron	ASTM A126 CLASS B
2	Seat Rings	Cast Bronze	ASTM B62
3	Wedge Face Rings	Cast Bronze	ASTM B62
4	Wedge	Cast Iron	ASTM A126 CLASS B
5	Wedge Nut	Cast Brass	ASTM B62
6	Stem	Brass	ASTM B16
7	Body Gasket	Graphite	NON ASBESTOS
8	Bolts	Steel	ASTM A307 B
9	Nuts	Steel	ASTM A307 B
10	Bonnet	Cast Iron	ASTM A126 CLASS B
11	Gland Follower Bolts	Steel	ASTM A307 B
12	Suffing Box Gasket	Graphite	NON ASBESTOS
13	Suffing Box	Cast Iron	ASTM A126 CLASS B
14	Packing	Graphite	NON ASBESTOS
15	Gland Follower	Ductile Iron	ASTM A536 65-45-12
16	Handwheel	Cast Iron	ASTM A126 CLASS B
17	Washer	Steel	ASTM A307 B
18	Handwheel Nut	Steel	ASTM A307 B

DIMENSIONS

DN		L	D	D1	b	Z-Φd	Do	H
MM	IN							
50	2	178	152	121	15.9	4-19	178	298
65	2 1/2	190.5	178	140	17.5	4-19	178	323
80	3	203.2	190	152.5	19.1	4-19	200	338
100	4	228.6	228.6	190.5	23.5	8-19	254	411
125	5	254	254	215.9	23.8	8-22	300	503
150	6	266.7	279.4	241.3	25.4	8-22	300	558
200	8	292	343	298.5	28.6	8-22	348	650
250	10	330	406	362	30.2	12-25	400	770
300	12	356	483	432	31.8	12-25	457	861
350	14	381	533	476	35	12-29	508	991
400	16	406	597	540	36.6	16-29	558	1058
450	18	432	635	578	39.7	16-32	610	1206
500	20	457	699	635	42.9	20-32	640	1276
600	24	508	813	749	47.6	20-35	762	1466
750	30	610	984	914	54	28-35	813	1845
900	36	711	1168	1086	60.3	32-42	813	2124



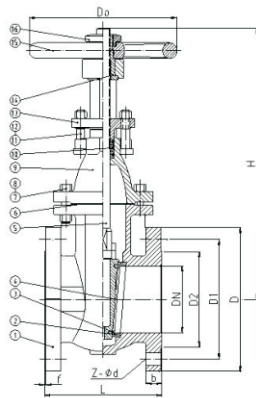
Cast Iron Gate Valve OS&Y Dolid Wedge Disc Flanged Ends
BS5150 PN16 & BS5163

TECHNICAL SPECIFICATION

- ◎Conforms to BS5150 PN16 & BS5163
- ◎Flanges drilled to BS4504
- ◎Fase to face dimensions conform to BS5150 Series 3
- ◎Nominal pressure:1.6Mpa
- ◎Seat Test pressure:1.76Mpa
- ◎Shell Test pressure:2.4Mpa
- ◎Suitable Temperature ≤232℃
- ◎Suetable media:water,oil,gas

PARTS LIST

No.	Part	Material	English Standard
1	Boby	Cast Iron	Bs1452 Gr.220
2	Seat Rings	Cast Bronze	BS1400 LG2
3	Wedge Face Rings	Cast Bronze	BS1400 LG2
4	Wedge	Cast Iron	BS1452 Gr.220
5	Stem	Brass	BS2874 CZ122
6	Body Gasket	Graphite	BS2494 Type W
7	Bolts	Steel	BS970 43A
8	Nuts	Steel	BS970 43A
9	Bonnet	Cast Iron	BS1452 Gr.220
10	Packing	Graphite	BS2494 Type W
11	Gland Follower Bolts	Steel	BS970 43A
12	Gland Follower Nuts	Steel	BS970 43A
13	Gland Follower	Ductile Iron	BS1452 Gr.220
14	Yoke Bushing	Cast Bronze	BS1400 LG2
15	Handwheel	Cast Iron	BS1452 Gr.220
16	Handwheel Nut	Ductile Iron	BS2789 Gr420-12



DIMENSIONS

DN		L	D	D1	D2	b	f	Z-Φd	Do	H(open)
MM	IN									
50	2	178	165	125	102	20	2	4-19	178	380
65	2 ½	190.5	185	145	122	20	2	4-19	178	430
80	3	203.2	200	160	138	22	2	8-19	200	485
100	4	228.6	220	180	158	24	2	8-19	254	615
125	5	254	250	210	188	26	2.5	8-19	300	700
150	6	266.7	282	240	212	26	2.5	8-23	300	835
200	8	292	340	298	268	30	2.5	12-23	348	1010
250	10	330	405	355	320	32	2.5	12-28	400	1220
300	12	356	460	410	378	32	2.5	12-28	457	1435
350	14	381	520	470	438	36	2	16-28	508	1655
400	16	406	580	525	490	38	2	16-31	558	1825
450	18	432	640	585	550	40	2	20-31	610	2020
500	20	457	715	650	610	42	2	20-34	640	2290
600	24	508	840	770	725	48	2	20-37	762	3360

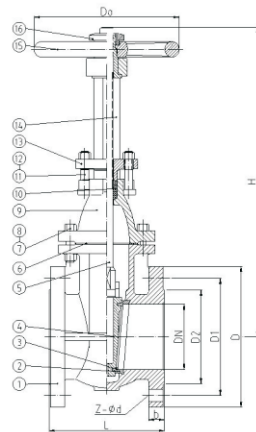
Cast Iron Rising Stem Solid Wedge Gate Valve
DIN3202-F5 PN16

TECHNICAL SPECIFICATION

- ◎Design:DIN3352
- ◎Face to Face:DIN3202 F5
- ◎Flanges:EN 1092-2 PN16
- ◎Hydraulic test to ISO 5208
- Seat Test pressure:1.76Mpa
- Shell Test pressure:2.4Mpa
- Operating torque test

PARTS LIST

No.	Part	Material
1	Boby	Cast Iron
2	Seat Rings	Brass
3	Wedge Face Rings	Brass
4	Wedge	Cast Iron
5	Stem	Stainless Steel
6	Body Gasket	Graphite
7	Bolts	Steel
8	Nuts	Steel
9	Bonnet	Cast Iron
10	Packing	Graphite
11	Gland Follower Bolts	Steel
12	Gland Follower Nuts	Steel
13	Gland Follower	Ductile Iron
14	Yoke Bushing	Cast Bronze
15	Handwheel	Cast Iron
16	Handwheel Nut	Ductile Iron



DIMENSIONS

DN		L	D	D1	D2	b	Z-Φd	Do	H(open)
MM	IN								
50	2	250	165	125	99	20	4-19	180	354
65	2 1/2	270	185	145	118	20	4-19	180	390
80	3	280	200	160	132	22	8-19	200	435
100	4	300	220	180	156	24	8-19	200	545
125	5	325	250	210	184	26	8-19	250	625
150	6	350	285	240	211	26	8-23	280	750
200	8	400	340	298	266	30	12-23	300	980
250	10	450	405	355	319	32	12-28	360	1130
300	12	500	460	410	370	32	12-28	400	1330
350	14	550	520	470	429	36	16-28	450	1533
400	16	600	580	525	480	38	16-31	450	1905
450	18	650	640	585	548	40	20-31	640	2072
500	20	700	715	650	609	42	20-34	640	2302
600	24	800	840	770	720	48	20-37	900	3650

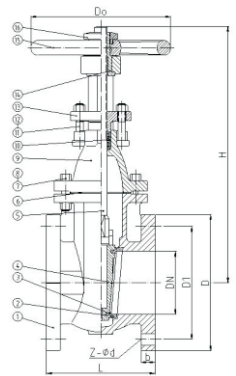
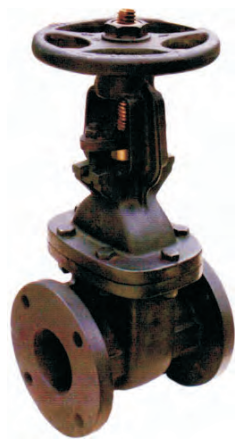
Cast Iron Gate Valve OS&Y Solid Wedge Disc Flanged Ends
MSS SP-70 B16

TECHNICAL SPECIFICATION

- ◎Conforms to MSS SP-70
- ◎Flanges drilled to ANSI B16.1(125lb)
- ◎Fase to face dimensions conform to ANSI B16.10(125lb)
- ◎Working pressure:125S,200WOG with MSS SP-70
- ◎Suitable media:water,oil,gas
- ◎Construction available in all iron
- ◎Yoke construction for sizes 50,65 & 80 have 1 piece bonnet/yoke

PARTS LIST

No.	Part	Material	USA Standard
1	Boby	Cast Iron	ASTM A126 CLASS B
2	Seat Rings	Cast Bronze	ASTM B62
3	Wedge Face Rings	Cast Bronze	ASTM B62
4	Wedge	Cast Iron	ASTM A126 CLASS B
5	Stem	Brass	ASTM B16
6	Body Gasket	Graphite	NON ASBESTOS
7	Bolts	Steel	ASTM A307 B
8	Nuts	Steel	ASTM A307 B
9	Bonnet	Cast Iron	ASTM A126 CLASS B
10	Packing	Graphite	NON ASBESTOS
11	Gland Follower Bolts	Steel	ASTM A307 B
12	Gland Follower Nuts	Steel	ASTM A307 B
13	Gland Follower	Ductile Iron	ASTM A536 65-45-12
14	Yoke Bushing	Cast Bronze	ASTM B62
15	Handwheel	Cast Iron	ASTM A126 CLASS B
16	Handwheel Nut	Ductile Iron	ASTM A536 65-45-12



DIMENSIONS

DN		L	D	D1	b	Z-Φd	Do	H
MM	IN							
50	2	178	152	121	15.9	4-19	178	380
65	2 ½	190.5	178	140	17.5	4-19	178	430
80	3	203.2	190	152.5	19.1	4-19	200	485
100	4	228.6	228.6	190.5	23.5	8-19	254	615
125	5	254	254	215.9	23.8	8-22	300	700
150	6	266.7	279.4	241.3	25.4	8-22	300	835
200	8	292	343	298.5	28.6	8-22	348	1010
250	10	330	406	362	30.2	12-25	400	1220
300	12	356	483	432	31.8	12-25	457	1435
350	14	381	533	476	35	12-29	508	1655
400	16	406	597	540	36.6	16-29	558	1825
450	18	432	635	578	39.7	16-32	610	2020
500	20	457	699	635	42.9	20-32	640	2290
600	24	508	813	749	47.6	20-35	762	3360
750	30	610	984	914	54	28-35	813	3665
900	36	711	1168	1086	60.3	32-42	813	3920

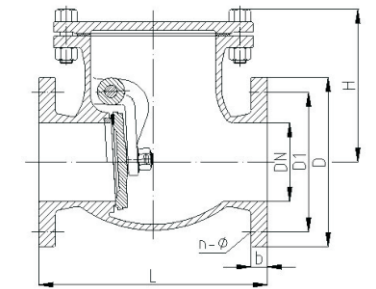
Check Valve Swing Type
BS4090 PN10

TECHNICAL SPECIFICATION

- ◎Flange drilled acc. to BS10 table E/D/BS4504
- ◎Face to Face dimension acc.to BS1873
- ◎Maximum working pressure 10bar(1.0Mpa)/16bar(1.6Mpa)
- ◎Maximum working temperature 120℃

MATERIAL LIST

PART	MATERIAL
Body	Grey Cast Iron
Bonnet	Grey Cast Iron
Disc	Grey Cast Iron
Hinge Pin	Stainless Steel
Disc Seat Ring	Cast Brass /Grey Cast Iron
Body Seat Ring	Cast Brass /Grey Cast Iron



DIMENSIONS(BS4090 BS10 TABLE E)

DN		c	D	D1	n-Ø	H	b
MM	IN						
50	2	203	152	114	4-18	91.5	19
65	2 1/2	216	165	127	4-18	109	19
80	3	241	184	146	4-18	156	19
100	4	292	216	178	8-18	183	22
125	5	330	254	209.6	8-18	161	22
150	6	356	279	235	8-22	228	22
200	8	495	337	292	8-22	251	25
250	10	622	406	356	12-22	298	25
300	12	698	457	406	12-22	352	28

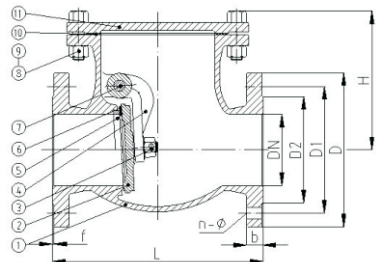
Cast Iron Swing Check Valve Flanged Ends
BS5153 PN16

TECHNICAL SPECIFICATION

- ◎Conforms to BS5153 PN16
- ◎Flangds drilled conforms to BS4504
- ◎Fase to face dimensions conform to Series 2 of BS5153

PARTS LIST

Part	Material	English Standard
Boby	Cast Iron	BS1452 Gr.220
Disk	Cast Iron	BS1452 Gr.220
Nut	Steel	BS970 43A
Hanger	Ductile Iron	BS2789 Gr.420-12
Seat Rings	Cast Bronze	BS1400 LG2
Disc Rings	Cast Bronze	BS1400 LG2
Hinge pin	Stainless Steel	BS970 420S37
Bolts	Steel	BS970 43A
Nuts	Steel	BS970 43A
Body Gasket	Graphite	BS2494 Type W
Bonnet	Cast Iron	BS1452 Gr.220



DIMENSIONS

DN		L	D	D1	D2	N-Φc	Do	f	b	H
MM	IN									
50	2	203	165	125	102	4-19	200	2	20	113
65	2 ½	216	185	145	122	4-19	200	2	20	133
80	3	241	200	160	138	4-19	200	2	20	142
100	4	292	220	180	158	8-19	240	2	24	163
125	5	330	250	210	188	8-19	240	2.5	26	198
150	6	356	285	240	212	8-23	280	2.5	26	212
200	8	495	340	295	268	12-23	360	2.5	30	257
250	10	622	405	355	320	12-28	400	2.5	32	299
300	12	698	450	410	378	12-28	450	2.5	32	331

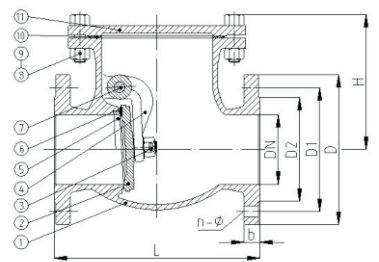
Flanged Ends Swing Check Valve
DIN3202-F6

TECHNICAL SPECIFICATION

- ◎Face to Face: DIN3202 F6
- ◎Flanges:EN 1092-2 PN16
- ◎Hydraulic test to ISO 5208
- Seat Test Pressure:1.76bar
- Shell Test Pressure:2.4bar

MATERIAL LIST

Part	Material	English Standard
Boby	Cast Iron	BS1452 Gr.220
Disk	Cast Iron	BS1452 Gr.220
Nut	Steel	BS970 43A
Hanger	Ductile Iron	BS2789 Gr.420-12
Seat Rings	Brass	BS1400 PCB1
Disc Rings	Brass	BS1400 PCB1
Hinge pin	Stainless Steel	BS970 420S37
Bolts	Steel	BS970 43A
Nuts	Steel	BS970 43A
Body Gasket	Graphite	BS2494 Type W
Bonnet	Cast Iron	BS1452 Gr.220



DIMENSIONS

DN		L	D	D1	D2	n-θ	b	H
MM	IN							
50	2	200	165	125	99	4-19	20	130
65	2 1/2	240	185	145	118	4-19	20	140
80	3	260	200	160	132	8-19	22	150
100	4	300	220	180	156	8-19	24	160
125	5	350	250	210	184	8-19	26	190
150	6	400	285	240	211	8-23	26	210
200	8	500	340	295	266	12-23	30	250
250	10	600	405	355	319	12-28	32	310
300	12	700	460	410	370	12-28	32	340

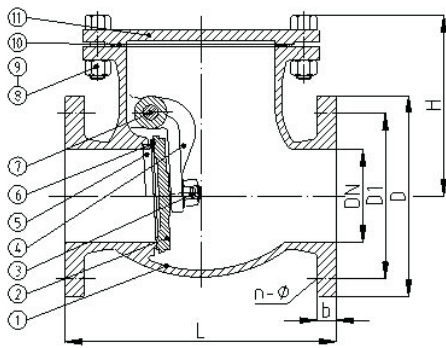
Swing Check Valve Flanged Ends MSS SP-71 B16 CLASS125

TECHNICAL SPECIFICATION

- Conforms to MSS SP-71
- Flanges drilled to ANSI B16.1(125lb)
- Fase to face dimensions conform to ANSI B16.10(125lb)
- Working pressure:125S,200WOG
- Suitable media:water,oil,gas

PARTS LIST

Part	Material	USA Standard
Boby	Cast Iron	ASTM A126 CLASS B
Disk	Cast Iron	ASTM A126 CLASS B
Hinge/disk connection	Steel	ASTM A307 B
Hinge	Ductile Iron	ASTM A536 65-45-12
Seat Rings	Cast Bronze	ASTM B62
Disc Rings	Cast Bronze	ASTM B62
Hinge pin	Stainless Steel	ASTM 420 S4200
Bolts	Steel	ASTM A307 B
Nuts	Steel	ASTM A307 B
Cover gasket	Graphite	NON ASBESTOS
Bonnet	Cast Iron	ASTM A126 CLASS B



DIMENSIONS

DN		L	D	D1	N-Φd	H	b
MM	IN						
50	2	203.2	152	121	4-19	113	15.9
65	2 1/2	215.9	178	140	4-19	133	17.5
80	3	241.3	190	152.5	4-19	144	19
100	4	292	228.6	190.5	8-19	168	24
125	5	330.2	254	215.9	8-22	198	23.4
150	6	355.6	279.4	241	8-22	217	25.4
200	8	495	343	298.5	8-22	261	30
250	10	622	406.4	362	12-25	287	31
300	12	698.5	483	432	12-25	319	31.8
350	14	787	533	476	12-29	443	35
400	16	914	597	540	16-29	595.5	36.6

Cast Iron Globe Valve Flanged Ends BS5152 PN16

TECHNICAL SPECIFICATION

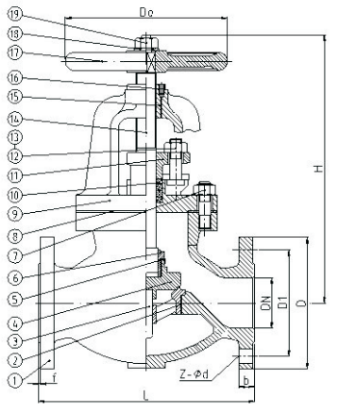
- Conforms to BS5152
- Flanges drilled to BS4504 PN16
- Fase to face dimensions conform to BS5152 PN16
- Working pressure:PN16
- Suitable media:water,oil,gas

PARTS LIST

No.	Part	Material	USA Standard
1	Boby	Cast Iron	BS1452 Gr.220
2	Seat Rings	Cast Bronze	BS1400 LG2
3	Guide Pin	Brass	BS2874 CZ122
4	Disc	Cast Bronze	BS1400 LG2
5	Dik stem nut lockwasher	Brass	BS2874 CZ122
6	Swivel Nut	Bast Brass	BS1400 PCB1
7	Bolts	Steel	BS970 43A
8	Body Gasket	Graphite	BS2494 Type W
9	Bonnet	Cast Iron	BS1452 Gr.220
10	Packing	Graphite	BS2494 Type W
11	Gland Follower	Ductile Iron	BS2789 Gr420-12
12	Gland Follower Bolts	Steel	BS970 43A
13	Gland Follower Nuts	Steel	BS970 43A
14	Stem	Brass	BS2874 CZ122
15	Yoke Bushing	Cast Bronze	BS1400 LG2
16	Serew	Steel	BS970 43A
17	Handwheel	Cast Iron	BS1452 Gr.220
18	Washer	Steel	BS970 43A
19	Handwheel Nut	Steel	BS970 43A

DIMENSIONS

DN		L	D	D1	b	f	Z-Φd	Do	H
MM	IN								
50	2	203	165	125	20	2	4-19	178	295
65	2 1/2	216	185	145	20	2	4-19	178	330
80	3	241.3	200	160	22	2	8-19	200	365
100	4	292	220	180	24	2	8-19	254	400
125	5	330	250	210	26	2.5	8-19	300	450
150	6	356	285	240	26	2.5	8-23	300	525
200	8	495.3	340	295	30	2.5	12-23	348	695
250	10	622	405	355	32	2.5	12-28	400	685
300	12	698.5	460	410	32	2.5	12-28	457	830



Cast Iron Globe Valve
DIN3356 PN16

TECHNICAL SPECIFICATION

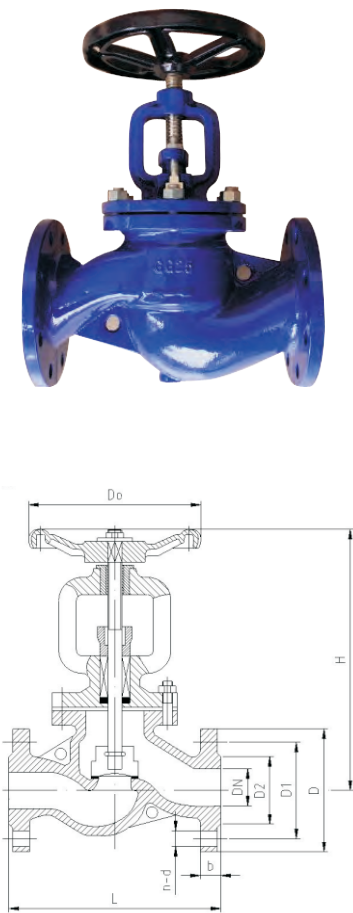
- ◎Design:DIN3356
- ◎Face to Face:DIN3202 F1
- ◎Flanges:DIN2533 PN16
- ◎Hydraulic test to ISO5208
- ◎Seat TestPressure:1.76bar
- ◎Shell TestPressure:2.4bar

PARTS LIST

PART	MATERIAL	SPECIFICATION
Body	GG25 Grey Cast Iron	DIN
Bonnet	GG25 Grey Cast Iron	DIN
Stem	X20Cr13 Stainless Steel	DIN
Yoke Nut	CuZn40pb2 Brass	DIN
Seat Ring	Stainless Steel	DIN
Disc Ring	Stainless Steel	DIN
Handwheel	GG25 Cast Iron	DIN
Gland Packing	Lubricated Asbestos	DIN

DIMENSIONS

DN	D	D1	D2	b	b	Z-Φd	Do	H
MM	IN							
50	2	230	165	125	102	20	4-18	290
65	2 1/2	290	185	145	122	20	4-18	320
80	3	310	200	160	138	22	8-18	365
100	4	350	220	180	158	24	8-18	410
125	5	400	250	210	188	26	8-18	460
150	6	480	285	240	212	26	8-22	525
200	8	600	340	295	268	30	8-22	685
250	10	730	405	355	320	32	12-26	830
300	12	850	460	410	378	32	12-26	925



Cast Iron Globe Valve Flanged Ends MSS SP-85 B16
CLASS125

TECHNICAL SPECIFICATION

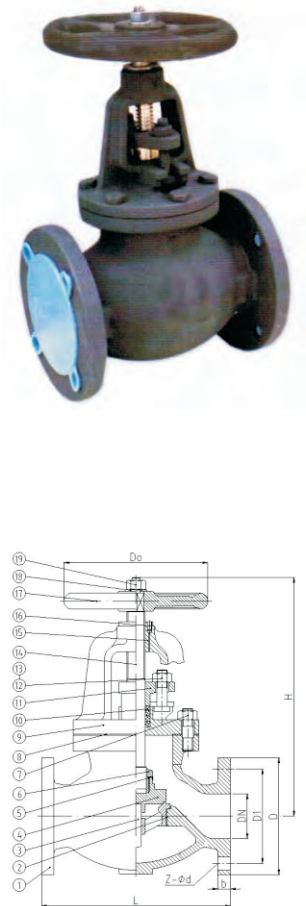
- ◎Conforms to MSS SP-85
- ◎Flanges drilled to ANSI B16.1(125lb)
- ◎Fase to face dimensions conform to ANSI B16.10(125lb)
- ◎Working pressure:125S,200WOG
- ◎Suitable media:water,oil,gas

PARTS LIST

No.	Part	Material	USA Standard
1	Boby	Cast Iron	ASTM A126 CLASS B
2	Seat Rings	Cast Bronze	ASTM B62
3	Guide Pin	Brass	ASTM B16
4	Disc	Cast Bronze	ASTM B62
5	Dik stem nut lockwasher	Brass	ASTM B16
6	Swivel Nut	Bast Brass	ASTM B584
7	Bolts	Steel	ASTM A307 B
8	Body Gasket	Graphite	NON ASBESTOS
9	Bonnet	Cast Iron	ASTM A126 CLASS B
10	Packing	Graphite	NON ASBESTOS
11	Gland Follower	Ductile Iron	ASTM A536 65-45-12
12	Gland Follower Bolts	Steel	ASTM A307 B
13	Gland Follower Nuts	Steel	ASTM A307 B
14	Stem	Brass	ASTM B16
15	Yoke Bushing	Cast Bronze	ASTM B62
16	Serew	Steel	ASTM A307 B
17	Handwheel	Cast Iron	ASTM A126 CLASS B
18	Washer	Steel	ASTM A307 B
19	Handwheel Nut	Steel	ASTM A307 B

DIMENSIONS

DN	L	D	D1	b	Z-Φd	Do	H
MM	IN						
50	2	203	152	121	15.9	4-19	295
65	2 1/2	216	178	140	17.5	4-19	330
80	3	241.3	191	152.5	19.1	4-19	365
100	4	292	229	190.5	23.5	8-19	400
125	5	330	254	215.9	23.8	8-22	450
150	6	356	279.4	241.3	25.4	8-22	525
200	8	495.3	343	298.5	28.6	8-22	695
250	10	622	406	362	30.2	12-25	685
300	12	698.5	483	432	31.8	12-25	830



FORGED STEEL GATE VALVE
CL800

TECHNICAL SPECIFICATION

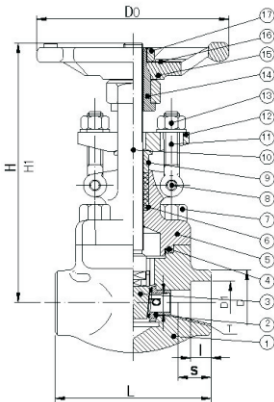
- DESIGN AND MANUFACTURE: ANSI B16.34; API 602;
- DIMENSIONS OF CONNECTION END
SOCKET DIMENSIONS TO:ANSI B16.11
THREAD END DIMENSIONS TO:ANSI B1.20.1
BUTT-WELD END DIMENSIONS TO:ANSI B16.25
- VALVE CHECK AND TEST API 598
- STRUCTURAL FEATURE: B.B; OS & Y or W.B; OS & Y
- MATERIAL TO THE SPECIFICATIONS OF ANSI/ASTM
- BODY MATERIAL:A105;LF2;F5;F11;F22;304(L);316(L);F347;F321
F51;MONEL;20ALLOY AND SO ON. "

PARTS LIST

ITEM NO	NAME	MATERIAL	QUANTITY	ITEM NO	NAME	MATERIAL	QUANTITY
1	BODY	A105	1	9	PACKING GLAND	410	1
2	SEATS	410/STL	1	10	STEM	410	1
3	DISC	410/STL	1	11	DROP BOLT	410	2
4	GASKET	304+Graphite	1	12	GIAND FLANGE	A105	1
5	BONNET	A105	1	13	HEXAGON NUT	2H	2
6	PACKING	CARBON FIBE	2	14	STEM NCTS	410	1
	PACKING FLEXIBLE BRAPHTE		5	15	HANDWHEEL	A197	11
7	BOLTS	B7	4	16	NAMEPLATE	AL	1
8	PIN	410	2	17	HANDWHEEL NUT	2H	1

DIMENSIONS

DN		L	D	D1	d	H	H1	D0	S	I	T(in)
MM	IN										
15	1/2"	80	34	22	10	142	155	100	22	10	1/2"
20	3/4"	90	40	27	13	143	160	100	27	13	3/4"
25	1"	110	50	34	18	164	186	120	34	13	1"
32	1 1/4"	120	58	43	24	187	216	140	43	13	1 1/4"
40	1 1/2"	130	66	49	29	215	250	160	49	13	1 1/2"
50	2"	140	78	61	37	233	276	180	61	16	2"



Forged Steel Gate Valve Flanged
CL150/CL300/CL600

USING SCOPE

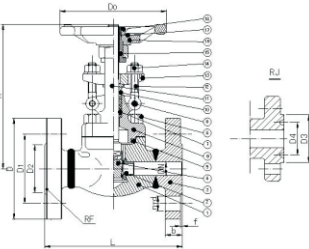
- DESIGN AND MANUFACTURE: ANSI B16.34; API 602;
- END TO END DIMENSION TO FACE TO ANSI B16.10; FLANGE END DIMENSIONS TO:ANSI B16.5
- VALVE CHECK AND TEST:API 598
- STRUCTURAL FEATURES: B.B; OS & Y or W.B; OS & Y
- MATERIAL TO THE SPECIFICATIONS OF ANSI/ASTM
- BODY MATERIAL:A105;LF2;F5;F11;F22;304(L);316(L);F347;F321
F51;MONEL;20ALLOY AND SO ON.

PARTS LIST

ITEM NO	NAME	MATERIAL	QUANTITY	ITEM NO	NAME	MATERIAL	QUANTITY
1	BODY	A105	1	10	PACKING GLAND	410	1
2	SEATS	410/STL	1	11	STEM	410	1
3	FLANGED	A105	2	12	STLDS	410	2
4	DISC	410/STL	1	13	PACKING GLAND	A105	1
5	GASKET	304+Graphite	1	14	HEXAGON NUT	2H	2
6	BONNET	A105	1	15	STEM NCTS	410	1
7	PACKING	CARBON FIBE	2	16	HANDWHEEL	A197	11
	PACKING FLEXIBLE BRAPHTE		5	17	NAMEPLATE	AL	1
8	BOLTS	B7	4	18	HANDWHEEL NUT	2H	1
9	PIN	410	2				

DIMENSIONS

PN	DN		D	D1	D2	f	b	L	n	d	Do	H开		
	MM	IN												
"150 LB"	15	1/2"	89	60.5	35	1.6	11.5	108	4	15	100	155		
	20	3/4"	98	70	43	1.6	13	117	4	15	100	160		
	25	1"	108	79.5	51	1.6	14.5	127	4	15	120	186		
	32	1 1/4"	117	89	63	1.6	16	140	4	15	140	216		
	40	1 1/2"	127	98.5	73	1.6	17.5	165	4	15	160	250		
	50	2"	152	120.5	92	1.6	19.5	203	4	19	180	276		
"300 LB"	15	1/2"	95	66.5	35	1.6	15	152	4	15	100	155		
	20	3/4"	118	82.5	43	1.6	16	178	4	19	100	160		
	25	1"	124	89	51	1.6	18	203	4	19	120	186		
	32	1 1/4"	133	98.5	63	1.6	19	216	4	19	140	216		
	40	1 1/2"	156	114.5	73	1.6	21	229	4	22	160	250		
	50	2"	165	127	92	1.6	23	267	8	20	180	276		
PN	DN		L	D	D1	RF	RJ		f	b	d	n	H	D0
	MM	IN				D2	D3	D4						
"600 LB"	15	1/2"	165	95	66.5	35	51	34.14	6.4	15	15	4	155	100
	20	3/4"	190	118	82.5	43	63.5	42.88	6.4	16	19	4	160	100
	25	1"	216	124	89	51	70	50.8	6.4	18	19	4	186	120
	32	1 1/4"	229	133	98.5	63	79.5	60.32	6.4	21	19	4	216	140
	40	1 1/2"	241	156	114.5	73	90.5	68.27	6.4	22	22	4	250	160
	50	2"	292	165	127	92	108	82.55	6.4	26	20	8	276	180



Forged Steel Check Valve
CL800

USING SCOPE

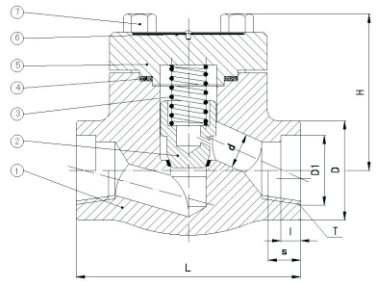
- DESIGN AND MANUFACTURE: ANSI B16.34; API 602;
- DIMENSIONS OF CONNECTION END: SOCKET ENDS TO ANSI B16.11 THREAD END DIMENSIONS TO:ANSI B1.20.1 BUTT-WELD END DIMENSIONS TO:ANSI B16.25
- VALVE CHECK AND TEST:API 598
- STRUCTRAL FEATURES: B.B; PIS
- MATERIAL TO THE SPECIFICATIONS OF ANSI/ASTM
- BODY MATERIAL:A105;LF2;F5;F11;F22;304(L);316(L);F347;F321 F51;MONEL;20ALLOY AND SO ON.

PARTS LIST

ITEM NO	NAME	MATERIAL	QUANTITY
1	BODY	A105/STL	1
2	DISC	410/STL	1
3	SPRING COIL	304	1
4	GASKET	304+GRAPHITE	1
5	BONNET	A105	1
6	NAMEPLATE	AL	1
7	BOLTS	B7	4

DIMENSIONS

DN		DNL	D	D1	d	S	I	H	T(in)
MM	IN								
15	1/2"	80	34	22	10	22	10	48	1/2"
20	3/4"	90	40	27	13	27	13	53	3/4"
25	1"	110	50	34	18	34	13	63	1"
32	1 1/4"	120	58	43	24	43	13	78	1 1/4"
40	1 1/2"	140	66	49	29	49	13	92	1 1/2"
50	2"	170	78	61	37	61	16	106	2"



Forged Steel Check Valve Flanged
CL150/CL300/CL600

USING SCOPE

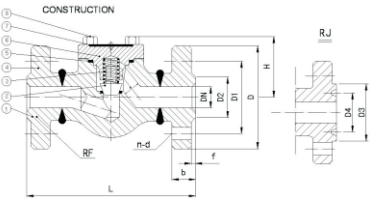
- DESIGN AND MANUFACTURE:ANSI B16.34; API 602;
- END TO END DIMENSION TO FACE TO ANSI B16.10; FLANGE END DIMENSIONS TO ANSI B16.5
- INSPECTION & TEST TO API 598
- STRUCTURAL FEATURES: B.B; PIS
- MATERIAL TO THE SPECIFICATIONS OF ANSI/ASTM
- BODY MATERIAL:A105;LF2;F5;F11;F22;304(L);316(L);F347;F321 F51;MONEL;20ALLOY AND SO ON. "

PARTS LIST

ITEM NO	NAME	MATERIAL	QUANTITY
1	BODY	A105/STL	1
2	DISC	410/STL	1
3	SPRING COIL	304	1
4	FLANGED	A105	2
5	GASKET	304+Graphite	1
6	BONNET	A105	1
7	NAMEPLATE	AL	1
8	BOLT	B7	4

DIMENSIONS

PN	DN		D	D1	D2	f	b	L	n	d	H		
	MM	IN											
"150 LB"	15	1/2"	89	60.5	35	1.6	11.5	108	4	15	48		
	20	3/4"	98	70	43	1.6	13	117	4	15	53		
	25	1"	108	79.5	51	1.6	14.5	127	4	15	63		
	32	1 1/4"	117	89	63	1.6	16	140	4	15	78		
	40	1 1/2"	127	98.5	73	1.6	17.5	165	4	15	92		
	50	2"	152	120.5	92	1.6	19.5	203	4	19	106		
"300 LB"	15	1/2"	95	66.5	35	1.6	15	152	4	15	48		
	20	3/4"	117	82.5	43	1.6	16	178	4	19	53		
	25	1"	124	89	51	1.6	18	203	4	19	63		
	32	1 1/4"	133	98.5	63	1.6	19	216	4	19	78		
	40	1 1/2"	156	114.5	73	1.6	21	229	4	22	92		
	50	2"	165	127	92	1.6	23	267	8	20	106		
PN	DN		L	D	D1	RF	RJ		f	b	n	d	H
	MM	IN				D2	D3	D4					
"600 LB"	15	1/2"	165	95	66.5	35	51	34.14	6.4	15	4	15	48
	20	3/4"	190	118	82.5	43	63.5	42.88	6.4	16	4	19	53
	25	1"	216	124	89	51	70	50.8	6.4	18	4	19	63
	32	1 1/4"	229	133	98.5	63	79.5	60.32	6.4	21	4	19	78
	40	1 1/2"	241	156	114.5	73	90.5	68.27	6.4	22	4	22	92
	50	2"	292	165	127	92	108	82.55	6.4	26	8	20	106



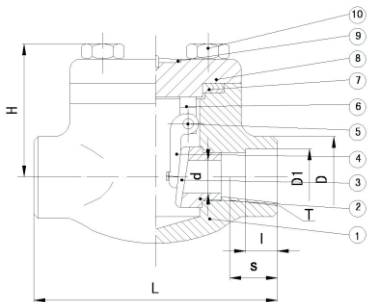
Forged Steel Swing Check Valve
CL800

USING SCOPE

- DESIGN AND MANUFACTURE:ANSI B16.34; API 602;
- DIMENSIONS OF CONNECTION END: SOCKET ENDS TO ANSI B16.11 THREAD END DIMENSIONS TO:ANSI B1.20.1 BUTT-WELD END DIMENSIONS TO:ANSI B16.25
- VALVE CHECK AND TEST:API 598
- STRUCTURAL FEATURES: B.B; SWING
- MATERIAL TO THE SPECIFICATIONS OF ANSI/ASTM
- BODY MATERIAL:A105;LF2;F5;F11;F22;304(L);316(L);F347;F321 F51;MONEL;20ALLOY AND SO ON。 "

PARTS LIST

ITEM NO	NAME	MATERIAL	QUANTITY
1	BODY	A105	1
2	SEAT	410/STL	1
3	DISC	410/STL	1
4	HINGE	A105	1
5	HINGE PIN	304	1
6	HINGE PIN	304	1
7	GASKET	304+GRAPHITE	1
8	BONNET	A105	1
9	NAMEPLATE	AL	1
10	BOLTS	B7	4



DIMENSIONS

DN		L	D	D1	d	S	I	H	T(in)
MM	IN								
15	1/2"	80	34	22	10	22	10	48	1/2"
20	3/4"	90	40	27	13	27	13	53	3/4"
25	1"	110	50	34	18	34	13	63	1"
32	1 1/4"	120	58	43	24	43	13	78	1 1/4"
40	1 1/2"	140	66	49	29	49	13	92	1 1/2"
50	2"	170	78	61	37	61	16	106	2"

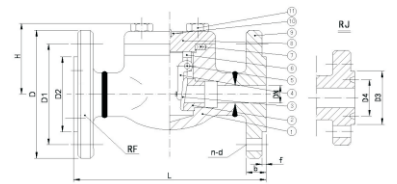
Forged Steel Swing Check Valve Flanged
CL150/CL300/CL600

USING SCOPE

- DESIGN AND MANUFACTURE:ANSI B16.34; API 602;
- END TO END DIMENSION TO FACE TO ANSI B16.10; FLANGE END DIMENSIONS TO ANSI B16.5
- VALVE CHECK AND TEST:API 598
- STRUCTURAL FEATURES: B.B; SWING
- MATERIAL TO THE SPECIFICATIONS OF ANSI/ASTM
- BODY MATERIAL:A105;LF2;F5;F11;F22;304(L);316(L);F347;F321 F51;MONEL;20ALLOY AND SO ON。

PARTS LIST

ITEM NO	NAME	MATERIAL	QUANTITY
1	BODY	A105/STL	1
2	SEAT	410/STL	1
3	DISC	410/STL	1
4	HINGE	A105	1
5	HINGE PIN	304	1
6	HINGE PIN	304	1
7	GASKET	304+Graphite	1
8	BONNET	A105	1
9	FLANGED	A105	2
10	NAMEPLATE	AL	1
11	BOLTS	B7	4



DIMENSIONS

PN	DN		D	D1	D2	f	b	L	n	d	H		
	MM	IN											
"150 LB"	15	1/2"	89	60.5	35	1.6	11.5	108	4	15	48		
	20	3/4"	98	70	43	1.6	13	117	4	15	53		
	25	1"	108	79.5	51	1.6	14.5	127	4	15	63		
	32	1 1/4"	117	89	63	1.6	16	140	4	15	78		
	40	1 1/2"	127	98.5	73	1.6	17.5	165	4	15	92		
	50	2"	152	120.5	92	1.6	19.5	203	4	19	106		
"300 LB"	15	1/2"	95	66.5	35	1.6	15	152	4	15	48		
	20	3/4"	117	82.5	43	1.6	16	178	4	19	53		
	25	1"	124	89	51	1.6	18	203	4	19	63		
	32	1 1/4"	133	98.5	63	1.6	19	216	4	19	78		
	40	1 1/2"	156	114.5	73	1.6	21	229	4	22	92		
	50	2"	165	127	92	1.6	23	267	8	20	106		
PN	DN		L	D	D1	RF	RJ	f		b	n	d	H
	MM	IN				D2	D3	D4					
"600 LB"	15	1/2"	165	95	66.5	35	51	34.14	6.4	15	4	15	48
	20	3/4"	190	118	82.5	43	63.5	42.88	6.4	16	4	19	53
	25	1"	216	124	89	51	70	50.8	6.4	18	4	19	63
	32	1 1/4"	229	133	98.5	63	79.5	60.32	6.4	21	4	19	78
	40	1 1/2"	241	156	114.5	73	90.5	68.27	6.4	22	4	22	92
	50	2"	292	165	127	92	108	82.55	6.4	26	8	20	106

FORGED STEEL GLOBE VALVE
CL800

TECHNICAL SPECIFICATION

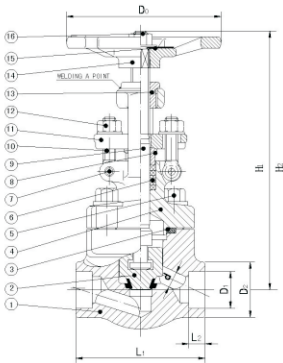
- DESIGN AND MANUFACTURE:ANSI B16.34; API 602;
- DIMENSIONS OF CONNECTION END SOCKET DIMENSIONS TO:ANSI B16.11
THREAD END DIMENSIONS TO:ANSI B1.20.1 BUTT-WELD END DIMENSIONS TO:ANSI B16.25
- VALVE CHECK AND TEST API 598
- STRUCTURAL FEATURES: B.B; OS & Y or W.B; OS & Y
- MATERIAL TO THE SPECIFICATIONS OF ANSI/ASTM
- BODY MATERIAL:A105;LF2;F5;F11;F22;304(L);316(L);F347;F321 F51;MONEL;20ALLOY AND SO ON。 "

PARTS LIST

ITEM NO	NAME	MATERIAL	QUANTITY	ITEM NO	NAME	MATERIAL	QUANTITY
1	BODY	A105/STL	1	9	STEM	410	1
2	DISC	410/STL	1	10	DROP BOLT	410	2
3	GASKET	304+Graphite	1	11	PACKING DLAND	A105	1
4	BONNET	A105	1	12	HEXAGON NUT	2H	2
5	BOLTS	B7	4	13	STEM NUT	410	1
6	PACKING	CARBON FIBE	2	14	HANDWHEEL	A197	1
	PACKING FLEXIBLE BRAPHTE		5	15	NAMEPLATE	AL	11
7	PIN	410	1	16	HEXAGON NUT	2H	1
8	GLAND	410	1				

DIMENSIONS

DN		L1	c	D1	H1	H2	D0	L2
MM	IN							
15	1/2"	80	10	21.8	159	169	100	10
20	3/4"	90	13	27.1	159	169	100	13
25	1"	110	18	33.1	193	206	120	13
32	1 1/4"	120	23	42.5	210	225	140	13
40	1 1/2"	140	29	48.1	234	254	160	13
50	2"	170	36	61.1	265	294	180	16



Forged Steel Globe Valve Flanged
CL150/CL300/CL600

USING SCOPE

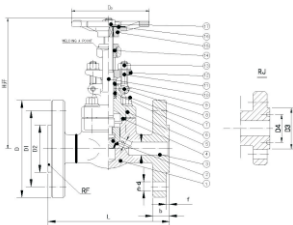
- DESIGN AND MANUFACTURE:ANSI B16.34; API 602;
- END TO END DIMENSION TO FACE TO ANSI B16.10; FLANGE END DIMENSIONS TO ANSI B16.5
- VALVE CHECK AND TEST:API 598
- STRUCTURAL FEATURES: B.B; OS & Y or W.B; OS & Y
- MATERIAL TO THE SPECIFICATIONS OF ANSI/ASTM
- BODY MATERIAL:A105;LF2;F5;F11;F22;304(L);316(L);F347;F321 F51;MONEL;20ALLOY AND SO ON。

PARTS LIST

ITEM NO	NAME	MATERIAL	QUANTITY	ITEM NO	NAME	MATERIAL	QUANTITY
1	BODY	A105/STL	1	9	PACKING GLAND	410	1
2	DISC	410/STL	1	10	STEM	410	1
3	FLANGED	A105	2	11	DROP BOLT	410	2
4	GASKET	304+Graphite	1	12	PACKING GLAND	A105	1
5	BONNET	A105	1	13	HEXAGON NUT	2H	2
6	PACKING	CARBON FIBE	2	14	STEM NCTS	410	1
	PACKING FLEXIBLE BRAPHTE		5	15	HANDWHEEL	A197	11
7	BOLTS	B7	4	16	NAMEPLATE	AL	1
8	PIN	410	2	17	HEXAGON NUT	2H	1

DIMENSIONS

PN	DN		D	D1	D2	f	b	L	n	d	H开	Do		
	MM	IN												
"150 LB"	15	1/2"	89	60.5	35	1.6	11.5	108	4	15	156	100		
	20	3/4"	98	70	43	1.6	13	117	4	15	161	100		
	25	1"	108	79.5	51	1.6	14.5	127	4	15	187	120		
	32	11/4"	117	89	63	1.6	16	140	4	15	214	140		
	40	11/2"	127	98.5	73	1.6	17.5	165	4	15	252	160		
	50	2"	152	120.5	92	1.6	19.5	203	4	19	291	180		
"300 LB"	15	1/2"	95	66.5	35	1.6	15	152	4	15	156	100		
	20	3/4"	118	82.5	43	1.6	16	178	4	19	161	100		
	25	1"	124	89	51	1.6	18	203	4	19	187	120		
	32	11/4"	133	98.5	63	1.6	19	216	4	19	214	140		
	40	11/2"	156	114.5	73	1.6	21	229	4	22	252	160		
	50	2"	165	127	92	1.6	23	267	8	20	291	180		
PN	DN		L	D	D1	RF	RJ		f	b	n	d	H	D0
	MM	IN				D2	D3	D4						
"600 LB"	15	1/2"	165	95	66.5	35	51	34.14	6.4	15	4	15	155	100
	20	3/4"	190	118	82.5	43	63.5	42.88	6.4	16	4	19	160	100
	25	1"	216	124	89	51	70	50.8	6.4	18	4	19	186	120
	32	11/4"	229	133	98.5	63	79.5	60.32	6.4	21	4	19	216	140
	40	11/2"	241	156	114.5	73	90.5	68.27	6.4	22	4	22	250	160
	50	2"	292	165	127	92	108	82.55	6.4	26	8	20	276	180



Y Strainer
DIN3202 F1

TECHNICAL SPECIFICATION

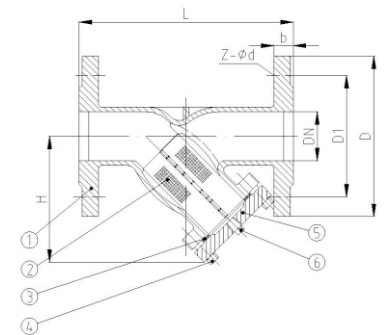
- ◎Face to face demensions conforms to DIN 3202 F1
- ◎Flanges drilled conforms to DIN2501
- ◎Suitable media:water,oil gas
- ◎Maximum working pressure 16bar(1.6Mpa)
- ◎Maximum working temperature 120℃

MATERIAL LIST

No.	Part	Material	Geman Standard
1	Body	Ductile Iron	GGG25
2	Screen	Stainless Steel	DIN SS304
3	Gasket	Vulcanized NBR	
4	Bolt	Carbon Steel	DIN RRST37-2
5	Bonnet	Ductile Iron	GGG25
6	Plug	Carbon Steel	DIN RRST37-2

DIMENSIONS

DN		L	D	D1	Z-ød	b	H
MM	IN						
15	1/2	130	95	65	4-14	14	76
20	3/4	150	105	75	4-14	16	83
25	1	160	115	85	4-14	16	91
32	1 1/4	180	140	100	4-18	18	111
40	1 ½	200	150	110	4-18	18	118
50	2	230	165	125	4-18	19	153
65	2 1/2	290	185	145	4-18	19	183
80	3	310	200	160	8-18	19	219
100	4	350	220	180	8-18	19	238
125	5	400	250	210	8-18	19	279
150	6	480	285	240	8-22	19	315
200	8	600	340	295	12-22	20	400
250	10	730	405	355	12-26	22	482
300	12	850	460	410	12-26	24.5	565



ANSI Cast Iron Flanged Y-strainer

TECHNICAL SPECIFICATION

- ◎Flanges:ANSI B16.1
- ◎Hydraulic Test To AP1598
- Shell Test Pressure:350psi

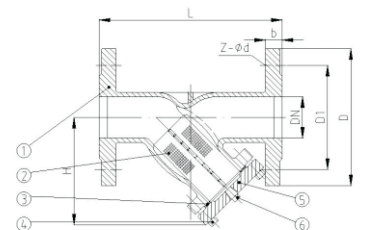
STANDARD SCREENS			OPERATING PRESSURES AND TEMPERATURES
Size	Opening	Std:Mesh/Perf	2"-12":Steam:125PSIG at 450 F
2"-3"	0.045"	3/64"	14":Steam:125PSIG at 450 F
4"-12"	0.125"	1/8"	2"-12":Water,Oil,Gas:125PSIG at 150 F
			14":Water,Oil,Gas:125PSIG at 150 F

MATERIAL LIST

No.	part	Material	USA Standard
1	Body	Cast Iron	ASTM A126 CLASS B
2	Screen	Stainless Steel	ASTM SS304
3	Body Gasket	PTFE/Graphite	PTFE/NON ASBESTOS
4	Bolts	Steel	ASTM A307B
5	Cover	Cast Iron	ASTM A126 CLASS B
6	Plug	Cast Iron	ASTM A126 CLASS B

DIMENSIONS

DN		L	D	D1	Z-ød	b	H
MM	IN						
50	2	225.4	152	121	4-19	16	161
65	2 1/2	273	178	140	4-19	17.5	183
80	3	292	190	152.5	4-19	19	219
100	4	352	229	190.5	8-19	24	238
125	5	416	254	216	8-22	23.8	279
150	6	470	279	241.3	8-22	25.4	315
200	8	543	343	298.5	8-22	28.6	400
250	10	660.4	406	362	12-25	30.2	482
300	12	762	483	432	12-25	31.8	565
350	14	949	533	476	12-29	35	744
400	16	1079.5	597	570	12-29	36.6	846



5K/10K lever lugged butterfly 50-300

MATERIAL LIST

NO.	NAME	MATERIAL	QTY
1	Body	CI	1
2	Down Bushing	PTFE	1
3	O-ring	NBR	1
4	Seat	EPDM	1
5	Shaft	SS410	2
6	Dist	DI	1
7	Pin	SS410	2
8	Up Bushing	PTFE	2
9	O-ring	NBR	1
10	Indictor	CARBON STEEL	1
11	Lever	MALLEABLE IRON	1



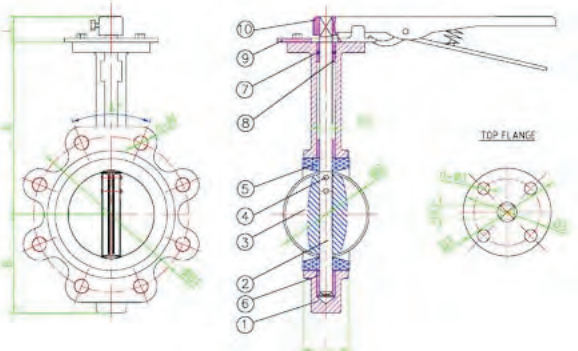
DIMENSIONS 5K

DN		A	B	C	Ø2	ISO5211	D2	D3	n - Ø1	D1	n - Ø	&	H
MM	IN												
50	2	140	80	42	12.6	F05	65	50	4-8	105	4-15	90	11
65	2 ½	150	89	44.7	12.6	F05	65	50	4-8	130	4-15	90	11
80	3	158	95	45.2	12.6	F05	65	50	4-8	145	4-19	90	11
100	4	176	114	52.1	15.77	F07	90	70	4-10	165	4-19	45	11
125	6	190	127	54.4	18.92	F07	90	70	4-10	200	4-19	45	14
150	6	201	139	55.8	18.92	F07	90	70	4-10	230	4-19	45	14
200	8	235	175	60.6	22.1	F10	125	102	4-12	280	4-23	45	17
250	10	265	203	65.6	28.45	F10	125	102	4-12	345	4-23	30	22
300	12	305	242	76.9	31.6	F10	125	102	4-12	390	4-23	30	22

5K/10K lever lugged butterfly 50-300

TECHNICAL SPECIFICATION

TEST PRESSURE	SHELL		SEAL
	HYDROSTATIC	9/15 BAR	6.6/11BAR
STANDARD	DESING CODE	API609	
	INSPECTION&TEST	API598	
	END STANDARD	JIS B2220 k5/10k	
	FACE TO FACE	API609	



DIMENSIONS 10K

DN		A	B	C	Ø2	ISO5211	D2	D3	n - Ø1	D1	n - Ø	&	H
MM	IN												
50	2	140	80	42	12.6	F05	65	50	4-8	120	4-15	90	11
65	2 ½	150	89	44.7	12.6	F05	65	50	4-8	140	4-15	90	11
80	3	158	95	45.2	12.6	F05	65	50	4-8	150	4-19	90	11
100	4	176	114	52.1	15.77	F07	90	70	4-10	175	4-19	45	11
125	6	190	127	54.4	18.92	F07	90	70	4-10	210	4-19	45	14
150	6	201	139	55.8	18.92	F07	90	70	4-10	240	4-19	45	14
200	8	235	175	60.6	22.1	F10	125	102	4-12	290	4-23	45	17
250	10	265	203	65.6	28.45	F10	125	102	4-12	355	4-23	30	22
300	12	305	242	76.9	31.6	F10	125	102	4-12	400	4-23	30	22

5K/10K worm gear lugged butterfly 50-600

MATERIAL LIST

NO.	Name	Material	Qty
1	Body	CI	1
2	Down Bushing	PTFE	1
3	O-ring	NBR	1
4	Seat	EPDM	1
5	Shaft	SS410	2
6	Dist	DI	1
7	Pin	SS410	2
8	Up Bushing	PTFE	2
9	O-ring	NBR	1
10	worm gear	GGG50	1
11	hanf wheel	GGG50	1



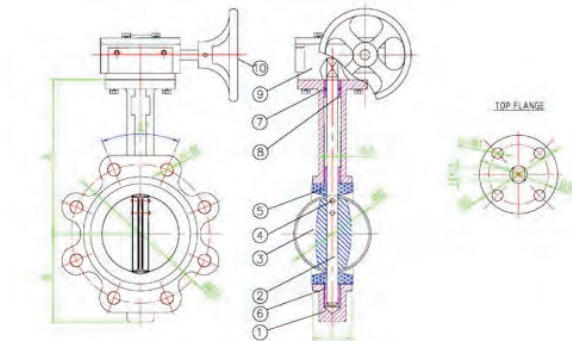
DIMENSIONS 5K

DN		A	B	C	Ø2	ISO5211	D2	D3	n-Ø1	D1	n-Ø	&	H
MM	IN												
50	2	140	80	42	12.6	F05	65	50	4-8	105	4-15	90	11
65	2 ½	150	89	44.7	12.6	F05	65	50	4-8	130	4-15	90	11
80	3	158	95	45.2	12.6	F05	65	50	4-8	145	4-19	90	11
100	4	176	114	52.1	15.77	F07	90	70	4-10	165	4-19	45	11
125	6	190	127	54.4	18.92	F07	90	70	4-10	200	4-19	45	14
150	6	201	139	55.8	18.92	F07	90	70	4-10	230	4-19	45	14
200	8	235	175	60.6	22.1	F10	125	102	4-12	280	4-23	45	17
250	10	265	203	65.6	28.45	F10	125	102	4-12	345	4-23	30	22
300	12	305	242	76.9	31.6	F10	125	102	4-12	390	4-23	30	22
350	14	368	267	76.5	31.6	F10	125	102	4-12	435	4-25	30	22
400	16	400	309	85.7	33.15	F14	175	140	4-18	495	4-25	22.5	27
450	18	422	328	104.6	37.95	F14	175	140	4-18	555	4-25	22.5	27
500	20	480	361	130.28	41.12	F14	175	140	4-18	605	4-25	18	36
600	24	562	459	151.36	50.62	F25	300	254	8-18	715	4-27	18	36

5K/10K worm gear lugged butterfly 50-600

TECHNICAL SPECIFICATION

TEST PRESSURE		SHELL	SEAL
	HYDROSTATIC	9/15 BAR	6.6/11BAR
STANDARD	DESING CODE	API609	
	INSPECTION&TEST	API598	
	END STANDARD	JIS B2220 5K/10K	
	FACE TO FACE	API609	



DIMENSIONS 10K

DN		A	B	C	Ø2	ISO5211	D2	D3	n-Ø1	D1	n-Ø	&	H
MM	IN												
50	2	140	80	42	12.6	F05	65	50	4-8	120	4-15	90	11
65	2	150	89	44.7	12.6	F05	65	50	4-8	140	4-15	90	11
80	3	158	95	45.2	12.6	F05	65	50	4-8	150	4-19	90	11
100	4	176	114	52.1	15.77	F07	90	70	4-10	175	4-19	45	11
125	6	190	127	54.4	18.92	F07	90	70	4-10	210	4-19	45	14
150	6	201	139	55.8	18.92	F07	90	70	4-10	240	4-19	45	14
200	8	235	175	60.6	22.1	F10	125	102	4-12	290	4-23	45	17
250	10	265	203	65.6	28.45	F10	125	102	4-12	355	4-23	30	22
300	12	305	242	76.9	31.6	F10	125	102	4-12	400	4-23	30	22
350	14	368	267	76.5	31.6	F10	125	102	4-12	445	4-25	30	22
400	16	400	309	85.7	33.15	F14	175	140	4-18	510	4-25	22.5	27
450	18	422	328	104.6	37.95	F14	175	140	4-18	565	4-25	22.5	27
500	20	480	361	130.28	41.12	F14	175	140	4-18	620	4-25	18	36
600	24	562	459	151.36	50.62	F25	300	254	8-18	730	4-27	18	36

5K/10K lever wafer butterfly 50-300

MATERIAL LIST

NO.	NAME	MATERIAL	QTY
1	Body	CI	1
2	Down Bushing	PTFE	1
3	O-ring	NBR	1
4	Seat	EPDM	1
5	Shaft	SS410	2
6	Dist	DI	1
7	Pin	SS410	2
8	Up Bushing	PTFE	2
9	O-ring	NBR	1
10	Indictor	CARBON STEEL	1
11	Lever	MALLEABLE IRON	1



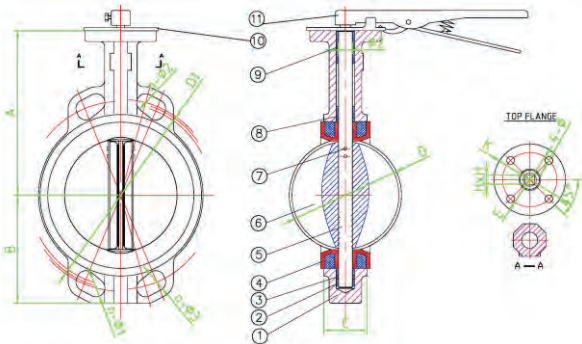
DIMENSIONS 5K

DN		A	B	C	ø2	ISO5211	D2	D3	n - ø1	D1	n - ø	&	H
MM	IN												
50	2	140	80	42	12.6	F05	65	50	4-8	105	4-15	90	11
65	2 ½	150	89	44.7	12.6	F05	65	50	4-8	130	4-15	90	11
80	3	158	95	45.2	12.6	F05	65	50	4-8	145	4-19	90	11
100	4	176	114	52.1	15.77	F07	90	70	4-10	165	4-19	45	11
125	6	190	127	54.4	18.92	F07	90	70	4-10	200	4-19	45	14
150	6	201	139	55.8	18.92	F07	90	70	4-10	230	4-19	45	14
200	8	235	175	60.6	22.1	F10	125	102	4-12	280	4-23	45	17
250	10	265	203	65.6	28.45	F10	125	102	4-12	345	4-23	30	22
300	12	305	242	76.9	31.6	F10	125	102	4-12	390	4-23	30	22

5K/10K lever wafer butterfly 50-300

TECHNICAL SPECIFICATION

TEST PRESSURE		SHELL	SEAL
	HYDROSTATIC	9/15 BAR	6.6/11BAR
STANDARD	DESING CODE	API609	
	INSPECTION&TEST	API598	
	END STANDARD	JIS B2220 k5/10k	
	FACE TO FACE	API609	



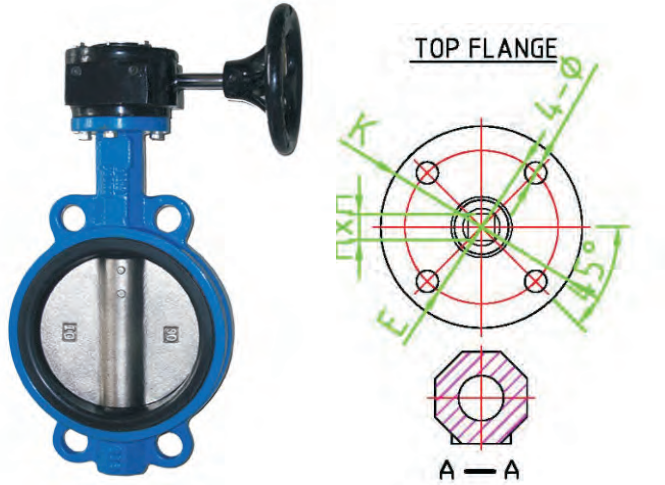
DIMENSIONS 10K

DN		A	B	C	ø2	ISO5211	D2	D3	n - ø1	D1	n - ø	&	H
MM	IN												
50	2	140	80	42	12.6	F05	65	50	4-8	120	4-15	90	11
65	2 ½	150	89	44.7	12.6	F05	65	50	4-8	140	4-15	90	11
80	3	158	95	45.2	12.6	F05	65	50	4-8	150	4-19	90	11
100	4	176	114	52.1	15.77	F07	90	70	4-10	175	4-19	45	11
125	6	190	127	54.4	18.92	F07	90	70	4-10	210	4-19	45	14
150	6	201	139	55.8	18.92	F07	90	70	4-10	240	4-19	45	14
200	8	235	175	60.6	22.1	F10	125	102	4-12	290	4-23	45	17
250	10	265	203	65.6	28.45	F10	125	102	4-12	355	4-23	30	22
300	12	305	242	76.9	31.6	F10	125	102	4-12	400	4-23	30	22

5K/10K worm gear wafer butterfly 50-600

MATERIAL LIST

NO.	Name	Material	Qty
1	Body	CI	1
2	Down Bushing	PTFE	1
3	O-ring	NBR	1
4	Seat	EPDM	1
5	Shaft	SS410	2
6	Dist	DI	1
7	Pin	SS410	2
8	Up Bushing	PTFE	2
9	O-ring	NBR	1
10	worm gear	GGG50	1
11	hanf wheel	GGG50	1



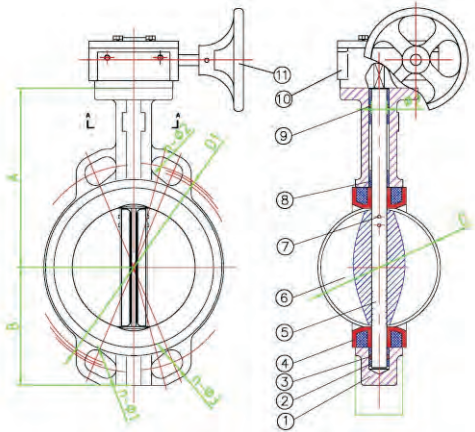
DIMENSIONS 5K

DN		A	B	C	Ø2	ISO5211	D2	D3	n-Ø1	D1	n-Ø	&	H
MM	IN												
50	2	140	80	42	12.6	F05	65	50	4-8	105	4-15	90	11
65	2 ½	150	89	44.7	12.6	F05	65	50	4-8	130	4-15	90	11
80	3	158	95	45.2	12.6	F05	65	50	4-8	145	4-19	90	11
100	4	176	114	52.1	15.77	F07	90	70	4-10	165	4-19	45	11
125	6	190	127	54.4	18.92	F07	90	70	4-10	200	4-19	45	14
150	6	201	139	55.8	18.92	F07	90	70	4-10	230	4-19	45	14
200	8	235	175	60.6	22.1	F10	125	102	4-12	280	4-23	45	17
250	10	265	203	65.6	28.45	F10	125	102	4-12	345	4-23	30	22
300	12	305	242	76.9	31.6	F10	125	102	4-12	390	4-23	30	22
350	14	368	267	76.5	31.6	F10	125	102	4-12	435	4-25	30	22
400	16	400	309	85.7	33.15	F14	175	140	4-18	495	4-25	22.5	27
450	18	422	328	104.6	37.95	F14	175	140	4-18	555	4-25	22.5	27
500	20	480	361	130.28	41.12	F14	175	140	4-18	605	4-25	18	36
600	24	562	459	151.36	50.62	F25	300	254	8-18	715	4-27	18	36

5K/10K worm gear wafer butterfly 50-600

TECHNICAL SPECIFICATION

TEST PRESSURE		SHELL	SEAL
	HYDROSTATIC	9/15 BAR	6.6/11BAR
STANDARD	DESING CODE	API609	
	INSPECTION&TEST	API598	
	END STANDARD	JIS B2220 k5	
	FACE TO FACE	API609	



DIMENSIONS 10K

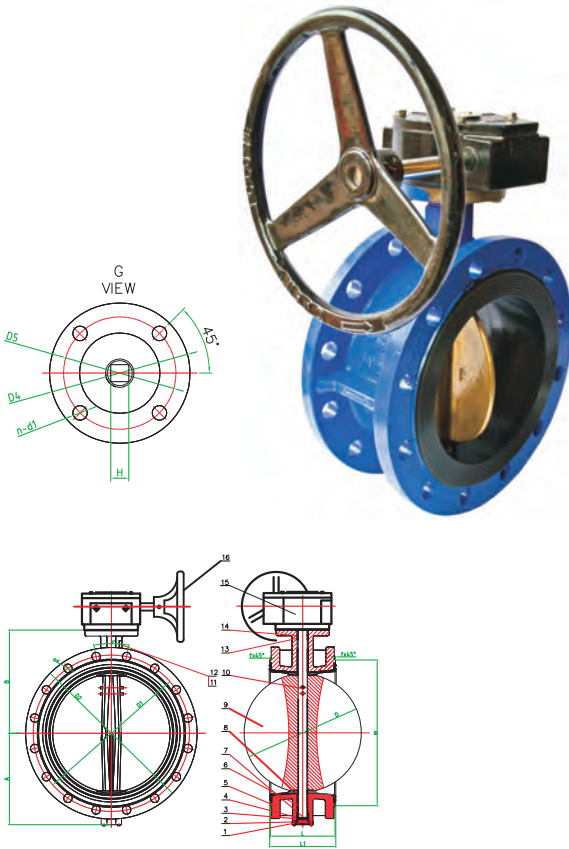
DN		A	B	C	Ø2	ISO5211	D2	D3	n-Ø1	D1	n-Ø	&	H
MM	IN												
50	2	140	80	42	12.6	F05	65	50	4-8	120	4-15	90	11
65	2 ½	150	89	44.7	12.6	F05	65	50	4-8	140	4-15	90	11
80	3	158	95	45.2	12.6	F05	65	50	4-8	150	4-19	90	11
100	4	176	114	52.1	15.77	F07	90	70	4-10	175	4-19	45	11
125	6	190	127	54.4	18.92	F07	90	70	4-10	210	4-19	45	14
150	6	201	139	55.8	18.92	F07	90	70	4-10	240	4-19	45	14
200	8	235	175	60.6	22.1	F10	125	102	4-12	290	4-23	45	17
250	10	265	203	65.6	28.45	F10	125	102	4-12	355	4-23	30	22
300	12	305	242	76.9	31.6	F10	125	102	4-12	400	4-23	30	22
350	14	368	267	76.5	31.6	F10	125	102	4-12	445	4-25	30	22
400	16	400	309	85.7	33.15	F14	175	140	4-18	510	4-25	22.5	27
450	18	422	328	104.6	37.95	F14	175	140	4-18	565	4-25	22.5	27
500	20	480	361	130.28	41.12	F14	175	140	4-18	620	4-25	18	36
600	24	562	459	151.36	50.62	F25	300	254	8-18	730	4-27	18	36

DOUBLE FLANGE BUTTERFLY PN16

MATERIAL LIST

NO.	NAME	MATERIAL	QTY
11	Nameplate Rivet	L3	2
10	Pin	SS316	2
9	Disc	C95400	1
8	Seat	NBR	1
7	Shaft	DSS410	1
6	Long Bushing	Luberized Bronze	1
5	Body	GGG40	1
4	Single Side Thrust Bearing	SS304	1
3	Gasket	SS304	1
2	O-Ring	NBR	1
1	End Cover	GGG40	1

TEST PRESSURE	SHELL	SEAL
	HYDROSTATIC	24 BAR
	AIR	6 BAR
STANDARD	DESIGN CODE	EN593
	INSPECTION&TEST	API 598
	END STANDARD	EN1092-2-PN16
	FACE TO FACE	EN558 Series13



DIMENSIONS

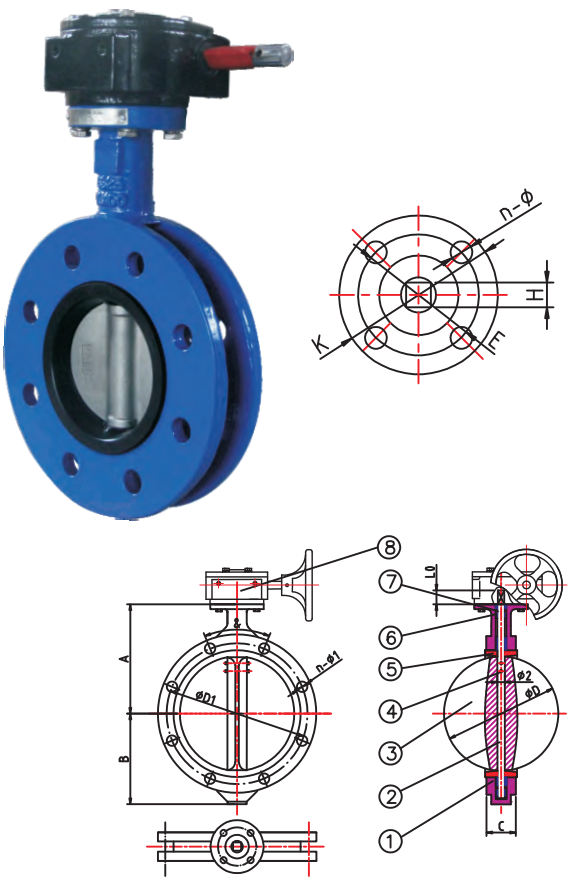
SIZE	A	B	D	D3	D1	D2	N-D	&	f	L	L1	D4	D5	n-d1	H
2"	83	120	52.9	99	125	165	4-18	90	3	108	111	90	70	4-10	11
2 1/2"	93	130	64.5	118	145	185	4-18	90	3	112	115	90	70	4-10	11
3"	100	145	78.8	132	160	200	8-18	45	3	114	117	90	70	4-10	11
4"	114	155	104	156	180	220	8-18	45	3	127	130	90	70	4-10	11
5"	125	170	123.3	184	210	250	8-18	45	3	140	143	90	70	4-10	14
6"	143	190	155.6	211	240	285	8-23	45	3	140	143	90	70	4-10	14
8"	170	205	202.5	266	295	340	12-23	30	3	152	155	125	102	4-12	17
10"	198	235	250.5	319	355	405	12-26	30	3	165	168	125	102	4-12	22
12"	223	280	301.5	370	410	460	12-26	30	4	178	182	125	102	4-12	22
14"	279	310	333.3	429	470	520	12-26	22.5	4	190	194	125	102	4-12	22
16"	300	340	389.6	480	525	580	16-30	22.5	4	216	221	175	140	4-18	27
18"	345	375	440.5	530	585	640	20-30	18	4	222	227	175	140	4-18	27
20"	355	430	491.6	582	650	715	20-33	18	4	229	234	175	140	4-18	36
24"	410	500	592.5	682	770	840	20-36	18	5	267	272	210	165	4-22	36

U TYPE FLANGE BUTTERFLY PN16

MATERIAL LIST

NO.	Name	Material	Qty
8	GEAR OPERATED	DI	1
7	O-RING	NBR	2
6	BUSHING	Luberized Bronze	5
5	SEAT	NBR	1
4	PIN	SS316	3
3	DISC	C95400	1
2	STEM	SS410	1
1	BODY	GGG40	1

TEST PRESSURE	SHELL	SEAL
	HYDROSTATIC	24 BAR
	AIR	6 BAR
STANDARD	DESIGN CODE	API609
	INSPECTION&TEST	API598
	END STANDARD	EN1092-2 PN16
	FACE TO FACE	API609



DIMENSIONS

SIZE	A	B	C	D	∅2	ISO5211	N-∅	D1	n-∅	&	H
2"	140	80	43	52.6	12.6	F07	4-10	125	4-19	90	11
2 1/2"	152	90	46	64.3	12.6	F07	4-10	145	4-19	90	11
3"	159	98	46	78.8	12.6	F07	4-10	160	8-19	45	11
4"	178	110	52	104	15.77	F07	4-10	180	8-19	45	11
5"	191	125	56	123.3	18.92	F07	4-10	210	8-19	45	14
6"	204	143	56	155.7	18.92	F07	4-10	240	8-23	45	14
8"	238	172	60	202.4	22.1	F10	4-12	295	12-23	30	17
10"	270	203	68	250.42	28.45	F10	4-12	355	12-28	30	22
12"	315	242	78	301.5	31.6	F10	4-12	410	12-28	30	22
14"	368	267	78	333.5	31.6	F10	4-12	470	16-28	22.5	22
16"	400	309	86.2	389.6	37.95	F14	4-18	525	16-31	22.5	27
18"	422	328	103.5	440.5	42.86	F14	4-18	585	20-31	18	27
20"	480	361	127	491.6	45.72	F14	4-18	650	20-34	18	36
24"	562	459	154	592.5	53.96	F16	4-22	770	20-37	18	36