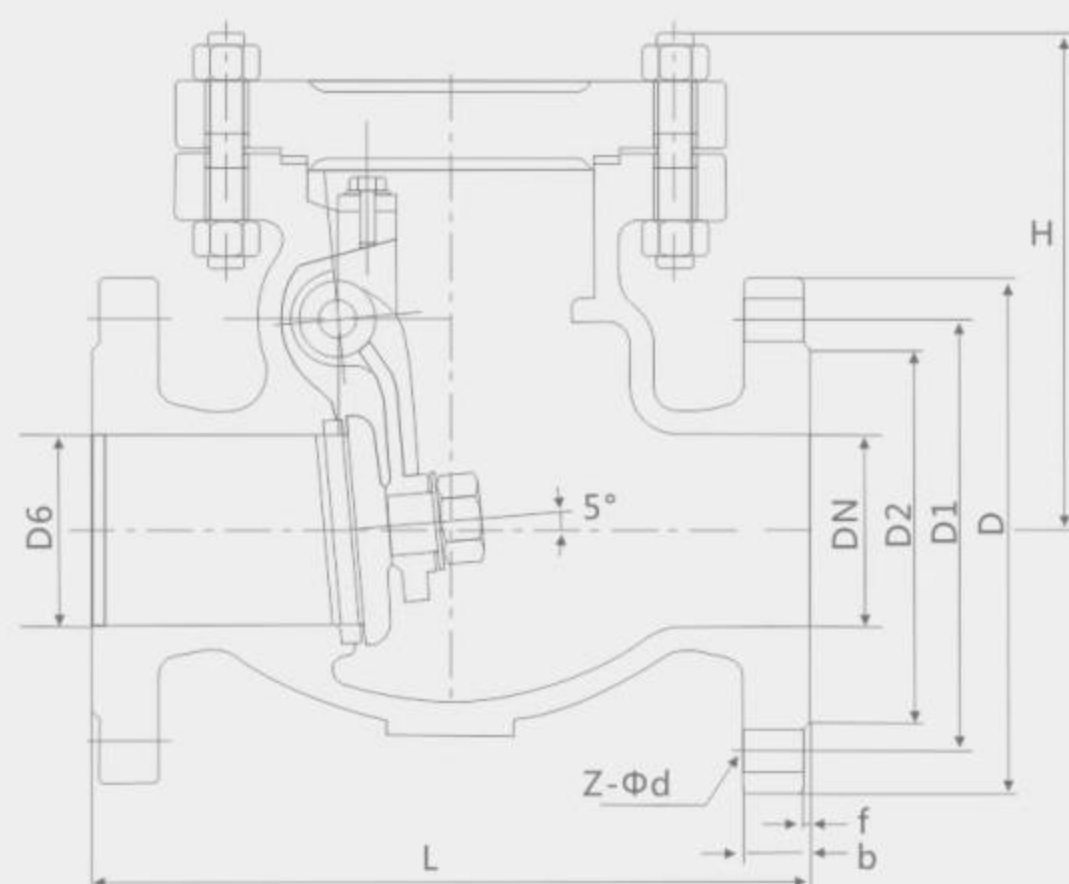




CHECK VALVE SERIES

止回阀系列

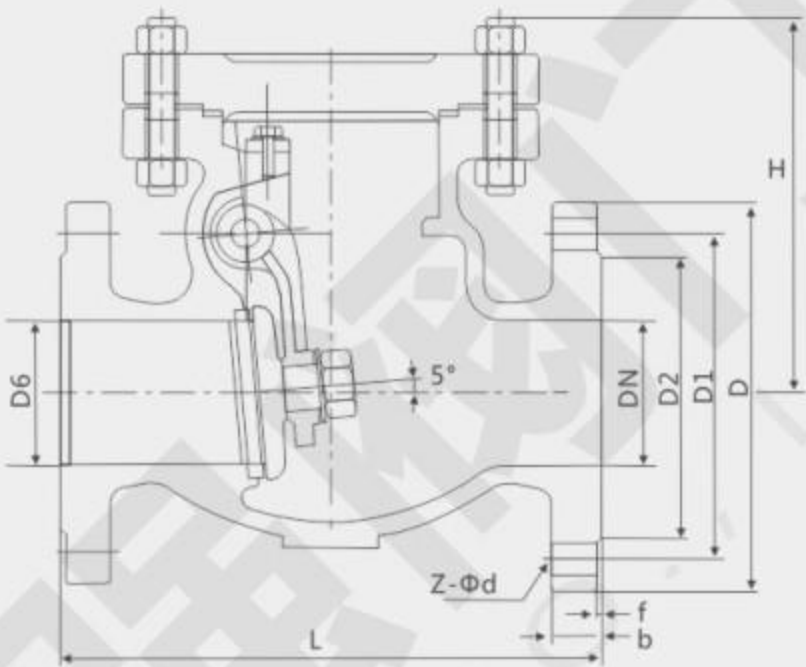


国标旋启式止回阀
 GB Swing check valve

H44W-16C/P/R

标准
 设计与制造按GB/T12236
 结构长度按GB/T12221
 法兰连接尺寸按JB/T79
 检验按JB/T9092

Standards
 Design and manufacture as GB/T12236
 Face to face dimensions as GB/T12221
 End flange dimension as JB/T79
 Pressure test as JB/T9092



试验压力 Test Pressure

试验项目 Test Item		壳体试验 Shell Test	密封试验 Seal Test	上密封试验 Back Seal Test	气密封试验 Air Seal Test
介质 Medium		水 Water			气 Air
单位 Unit		MPa	MPa	MPa	MPa
公称压力 Nominal Pressure PN(MPa)	1.6	2.4	1.8	1.8	0.5~0.7
	2.5	3.8	2.8	2.8	
	4.0	6.0	4.4	4.4	
	6.4	9.6	7.0	7.0	
	10.0	15.0	11.0	11.0	
	16.0	24.0	18.0	18.0	

主要零件材料 Materials for Main Parts

名称 Name	材料 Material								
阀体/阀盖 Body/Bonnet	CF8	CF3	CF8M	CF3M	WCB	LCB	WC6	WC9	C5
阀瓣 Wedge	CF8	CF3	CF8M	CF3M	WCB	LCB	WC6	WC9	C5
垫片 Gasket	PTFF				石墨 Graphite				
螺栓 Bolt	不锈钢 Stainless Steel				35CrMoA				
螺母 Nut	不锈钢 Stainless Steel				45、35CrMoA				

国标旋启式止回阀

GB Swing check valve

PN16 国标旋启式止回阀

公称口径 DN(mm)	尺寸 Dimension(mm)							
	L	D	D1	D2	D6	b-f	z-Φd	H
20	150	105	75	55	-	14-2	4-Φ14	100
25	160	115	85	65	-	14-2	4-Φ14	100
32	180	135	100	78	-	16-2	4-Φ18	105
40	200	145	110	85	-	16-3	4-Φ18	115
50	230	160	125	100	-	16-3	4-Φ18	135
65	290	180	145	120	-	18-3	4-Φ18	140
80	310	195	160	135	-	20-3	8-Φ18	145
100	350	215	180	155	-	20-3	8-Φ18	165
125	400	245	210	185	-	22-3	8-Φ18	250
150	480	280	240	210	-	24-3	8-Φ23	295
200	550	335	295	265	-	26-3	12-Φ23	315
250	650	405	355	320	-	30-3	12-Φ25	430
300	750	460	410	375	-	30-4	12-Φ25	480
350	850	520	470	435	-	34-4	16-Φ25	500
400	950	580	525	485	-	36-4	16-Φ30	520
450	1050	640	585	545	-	40-4	20-Φ30	580
500	1150	705	650	608	-	44-4	20-Φ34	630
600	1350	840	770	718	-	48-5	20-Φ41	780

PN25 国标旋启式止回阀

20	150	105	75	55	-	16-2	4-Φ14	100
25	160	115	85	65	-	16-2	4-Φ14	100
32	180	135	100	78	-	18-2	4-Φ18	105
40	200	145	110	85	-	18-3	4-Φ18	115
50	230	160	125	100	-	20-3	4-Φ18	135
65	290	180	145	120	-	22-3	8-Φ18	140
80	310	195	160	135	-	22-3	8-Φ18	145
100	350	230	190	160	-	24-3	8-Φ23	165
125	400	270	220	188	-	28-3	8-Φ25	250
150	480	300	250	218	-	30-3	8-Φ25	295
200	550	360	310	278	-	34-3	12-Φ25	315
250	650	425	370	332	-	36-3	12-Φ30	430
300	750	485	430	390	-	40-4	16-Φ30	480
350	850	550	490	448	-	44-4	16-Φ34	500
400	950	610	550	505	-	48-4	16-Φ34	520
450	1050	660	600	555	-	50-4	20-Φ34	580
500	1150	730	660	610	-	52-4	20-Φ41	630
600	1350	840	770	718	-	56-5	20-Φ41	780

PN40 国标旋启式止回阀

20	150	105	75	55	51	16-2	4-Φ14	100
25	160	115	85	65	58	16-2	4-Φ14	100
32	180	135	100	78	66	18-2	4-Φ18	105
40	200	145	110	85	76	18-3	4-Φ18	115
50	230	160	125	100	88	20-3	4-Φ18	135
65	290	180	145	120	110	22-3	8-Φ18	140
80	310	195	160	135	121	22-3	8-Φ18	145
100	350	230	190	160	150	24-3	8-Φ23	165
125	400	270	220	188	176	28-3	8-Φ25	250
150	480	300	250	218	204	30-3	8-Φ25	295
200	550	375	320	282	260	38-3	12-Φ30	315
250	650	445	385	345	313	42-3	12-Φ34	430
300	750	510	450	408	364	46-4	16-Φ34	480
350	850	570	510	465	422	52-4	16-Φ34	500
400	950	655	585	535	474	58-4	16-Φ41	520
450	1050	680	610	560	524	60-4	20-Φ41	580
500	1150	755	670	612	576	62-4	20-Φ48	630
600	1350	890	795	730	678	62-5	20-Φ54	780

国标旋启式止回阀 GB Swing check valve

PN63 国标旋启式止回阀

JB/T79

公称通径 DN(mm)	尺寸Size(mm)									重量 Weight (Kg)
	L	D	D1	D2	D6	b-f	F2	Z-Φd	H	
50	300	175	135	105	88	26-3	4	4-23	192	30
65	340	200	160	130	110	28-3	4	8-23	207	41
80	380	210	170	140	121	30-3	4	8-23	207	48
100	430	250	200	168	150	32-3	4.5	8-25	235	72
125	500	295	240	202	176	36-3	4.5	8-30	265	108
150	550	340	280	240	204	38-3	4.5	8-34	297	155
200	650	405	345	300	260	44-3	4.5	12-34	357	217
250	775	470	400	352	313	48-3	4.5	12-41	405	341
300	900	530	460	412	364	54-4	4.5	16-41	465	472
350	1025	595	525	475	422	60-4	5	16-41	514	627
400	1150	670	585	525	474	66-4	5	16-48	568	882
500	1400	800	705	640	576	70-4	5	20-54	620	1027

PN100 国标旋启式止回阀

50	300	195	145	112	88	28-3	4	4-25	192	41
65	340	220	170	138	110	32-3	4	8-25	207	48
80	380	230	180	148	121	34-3	4	8-25	235	72
100	430	265	210	172	150	38-3	4.5	8-30	265	108
125	500	310	250	210	176	42-3	4.5	8-34	313	130
150	550	350	290	250	204	46-3	4.5	12-34	360	217
200	650	430	360	312	260	54-3	4.5	12-41	420	341
250	775	500	430	382	313	60-3	4.5	12-41	480	472
300	900	585	500	442	364	70-4	4.5	16-48	520	520
350	1025	655	560	498	422	76-4	5	16-54	584	830
400	1150	715	620	558	474	80-4	5	16-54	625	1060

PN160 国标旋启式止回阀

50	300	215	165	132	88	36-3	4	8-25	251	49
65	340	245	190	152	110	44-3	4	8-30	282	58
80	380	260	205	168	121	46-3	4	8-30	320	110
100	430	300	240	200	150	48-3	4.5	8-34	356	162
125	500	355	285	238	176	60-3	4.5	8-41	393	214
150	550	390	318	270	204	66-3	4.5	12-41	430	267
200	650	480	400	345	260	78-3	4.5	12-48	470	443
250	750	580	485	425	313	88-3	4.5	12-54	514	610
300	900	665	570	510	364	100-4	4.5	16-54	570	685

PN250 国标旋启式止回阀

50	368	210	160	128	70	40-3	5	8-25	310	63
65	419	260	203	165	97	48-3	5	8-30	346	78
80	470	290	230	190	116	54-3	5	8-34	385	140
100	546	360	292	245	138	66-3	6	8-41	406	210
125	673	385	318	270	170	76-3	6	12-41	534	280
150	705	440	360	305	190	82-3	6	12-45	560	347
200	832	535	440	380	245	92-3	6	12-51	318	575
250	991	670	572	508	319	110-3	6	16-55	673	790

美标旋启式止回阀

ANSI Swing check valve

概述

我公司生产的美标止回阀，完全按照美国标准设计制造，结构美观、先进。美标止回阀是指依靠介质本身流动而自动开、闭阀瓣，用来防止介质倒流的阀门，又称逆止阀、单向阀、逆流阀。止回阀属于一种自动阀门，其主要作用是防止介质倒流、防止泵及驱动电动机反转，以及容器介质的泄放。

Overview

The American standard check valves produced by our company are designed and manufactured entirely according to American standards, with a beautiful and advanced structure. American standard check valve refers to a valve that automatically opens and closes the valve disc based on the flow of the medium itself to prevent medium backflow, also known as a check valve, one-way valve, or backflow valve. A check valve is an automatic valve that primarily functions to prevent media backflow, prevent pump and drive motor reversal, and discharge container media.

性能参数 Performance parameter

序号	项目名称	项目名称					
		150(Lb)	300(Lb)	600(Lb)	900(Lb)	1500(Lb)	2500(Lb)
1	公称压力PN (MPa)	2.0	5.0	10.0	15.0	25.0	42.0
2	壳体强度试验压力 Shell strength test pressure (MPa)	常温下公称压力的1.5倍 1.5 Times the nominal pressure at room temperature					
3	高压密封试验压力 High-pressure sealing test pressure (MPa)	常温下工作压力的1.1倍 1.1Times the nominal pressure at room temperature					
4	常温下工作压力 Nominal pressure at room temperature (MPa)	按ASME B16.34 压力温度额定值 According to ASME B16.34 pressure temperature rating					

产品规范 Product specification

设计标准 Design	结构长度 Structure Length	法兰连接尺寸 Connection flange	试验与检验 Test and Inspection	压力与温度基准 ASME B16.34
BS1868/API6D ASME B16.34	ASME B16.10	ASME B16.5 ASME B16.47A系列	API 598/API 6D	ASME B16.34

主要零件材料Main components material

零件名称 Part Name	材料名称 Material name					
阀体 Valve body	A216 WCB	A217 WC6	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
阀盖 Valve cover	A216 WCB	A217 WC6	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
阀板 Valve plate	A216 WCB	A217 WC6	A351 Cf8	A351 CF8M	A351 CF3	A351 CF3M
密封面 Sealing surface	13Cr/STL	STL	本体/STL	本体/STL	本体/STL	本体/STL
阀轴 Valve shaft	A182 F6a	A182 F11	A182 F304	A182 F316	A182 F304L	A182 F316L
垫片 Shim	304+柔性石墨/软铁 304+flexible graphite/soft iron	304+柔性石墨/F304 304+flexible graphite/F304	304+柔性石墨/F304 304+flexible graphite/F304	316+柔性石墨/F316 316+flexible graphite/F316	304L+柔性石墨/F304L 304L+flexible graphite/F304L	316L+柔性石墨/F316L 316L+flexible graphite/F316L
螺栓 Bolt	A193 B7	A193 B16	A193 B8	A193 B8M	A193 B8	A193 B8M
螺母 Nut	A194 2H	A194 4	A194 8	A194 8M	A194 8	A194 8M
使用温度 Operating temperature	-29~425℃	-29~540℃	-46~425℃	-46~425℃	-46~425℃	-46~425℃
适用介质 Applicable medium	水、蒸汽、油品等 Water, steam, oil, etc	水、蒸汽等 Water, steam, etc	硝酸类弱腐蚀介质 Nitric acid weakly corrosive medium	硝酸类弱腐蚀介质 Nitric acid weakly corrosive medium	硝酸类弱腐蚀介质 Nitric acid weakly corrosive medium	硝酸类弱腐蚀介质 Nitric acid weakly corrosive medium

美标旋启式止回阀 ANSI Swing check valve

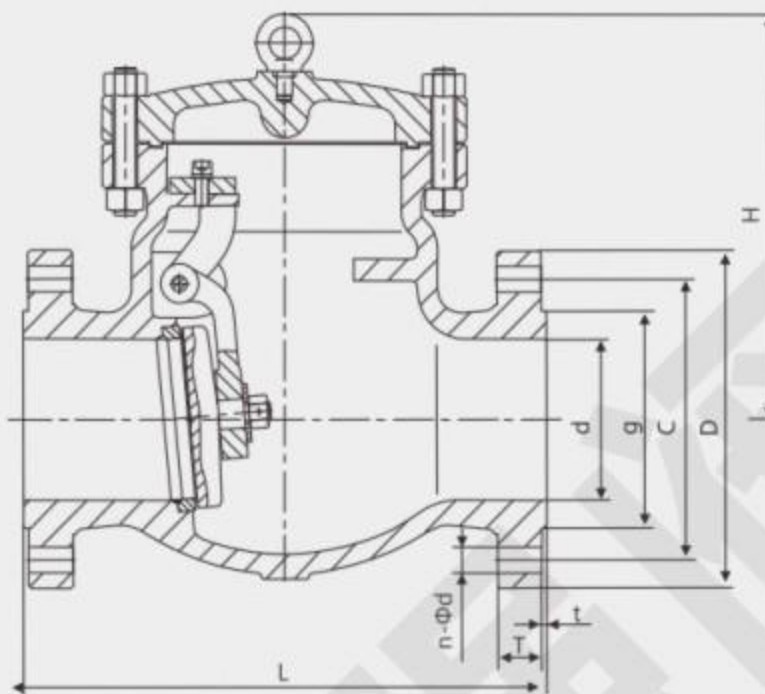
H44W-150Lb
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标准

设计与制造按API 6D
结构长度按ASME B16.10
法兰连接尺寸按ASME B16.5, ANSI B16.5
检验按API 598

Standards

Design and manufacture as API 6D
Face to face dimensions as ASME B16.10
End flange dimension as ASME B16.5, ANSI B16.5
Pressure test as API 598



Class 150LB 美标旋启式止回阀

尺寸 Dimension(mm)									
in	d	L	D	C	g	T	t	H	n-Φ
1/2"	15	108	89	60.5	35	12	1.6	-	4-15
3/4"	20	117	98	70.0	43	12	1.6	-	4-15
1"	25	127	108	79.5	51	12	1.6	-	4-15
1-1/4"	32	140	117	89	64	13	1.6	-	4-15
1-1/2"	40	165	127	98.5	73	15	1.6	-	4-15
2"	50	203	152	120.5	92	16	1.6	161	4-19
2-1/2"	65	216	178	139.5	105	18	1.6	180	4-19
3"	80	241	190	152.5	127	19	1.6	190	4-19
4"	100	292	229	190.5	157	24	1.6	203	8-19
5"	125	330	254	216	186	24	1.6	229	8-22
6"	150	356	279	241.5	216	26	1.6	257	8-22
8"	200	495	343	298.5	270	29	1.6	292	8-22
10"	250	622	406	362	324	31	1.6	355	12-25
12"	300	698	483	432	381	32	1.6	396	12-25
14"	350	787	533	476	413	35	1.6	445	12-29
16"	400	864	597	540	470	37	1.6	490	16-29
18"	450	978	635	578	533	40	1.6	520	16-32
20"	500	978	698	635	584	43	1.6	546	20-32
24"	600	1295	813	749.5	692	49	1.6	880	20-35
26"	650	1295	786	744.5	711	41	1.6	910	36-22
28"	700	1448	837	795.5	762	44	1.6	935	40-22
30"	750	1524	887	846.0	813	44	1.6	970	44-22

美标旋启式止回阀

ANSI Swing check valve

Class 300LB 美标旋启式止回阀

尺寸 Dimension(mm)									
in	d	L	D	C	g	T	t	H	n-Φ
1/2"	15	152	95	66.5	35	15	1.6	-	4-15
3/4"	20	178	117	82.5	43	16	1.6	-	4-19
1"	25	203	124	89	51	18	1.6	-	4-19
1-1/4"	32	216	133	98.5	63	19	1.6	-	4-19
1-1/2"	40	229	156	114.5	73	21	1.6	-	4-22
2"	50	267	165	127	92	22	1.6	178	8-19
2-1/2"	65	292	190	149	105	25	1.6	190	8-22
3"	80	318	210	168	127	29	1.6	216	8-22
4"	100	356	254	200	157	32	1.6	241	8-22
5"	125	400	279	235	186	35	1.6	267	8-22
6"	150	444	318	270	216	37	1.6	305	12-22
8"	200	533	381	330	270	41	1.6	368	12-25
10"	250	622	444	387.5	324	48	1.6	394	16-29
12"	300	711	521	451	381	51	1.6	445	16-32
14"	350	838	584	514.5	413	54	1.6	470	20-32
16"	400	864	648	571.5	470	57	1.6	533	20-35
18"	450	978	711	628.5	533	60	1.6	584	24-35
20"	500	1016	775	686	584	64	1.6	610	24-35
24"	600	1346	914	813	692	70	1.6	900	24-41

Class 600LB 美标旋启式止回阀

2"	50	292	165	127	92	33	6.4	203	8-19
2-1/2"	65	330	190	149	105	36	6.4	229	8-22
3"	80	356	210	168	127	39	6.4	235	8-22
4"	100	432	273	216	157	45	6.4	286	8-25
5"	125	508	330	266.5	186	52	6.4	292	8-29
6"	150	559	356	292	216	55	6.4	330	12-29
8"	200	660	419	349	270	63	6.4	381	12-32
10"	250	787	508	432	324	71	6.4	457	16-35
12"	300	838	559	489	381	74	6.4	584	20-35
14"	350	889	603	527	413	77	6.4	635	20-38
16"	400	991	686	603	470	84	6.4	684	20-41
18"	450	1092	743	654	533	90	6.4	752	20-44
20"	500	1194	813	724	584	96	6.4	975	24-44