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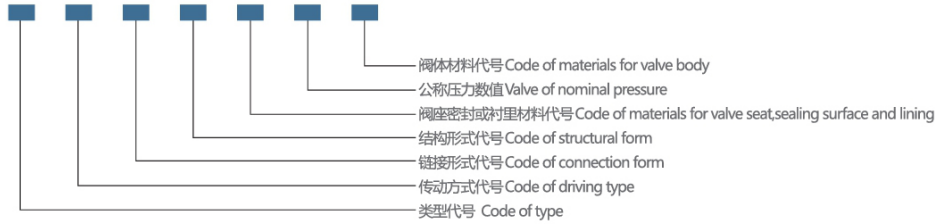
STEEL VALVE

山西迈达思工贸有限公司
Shanxi Midas Industrial Co.,LTD.

Establishment Method of Valve Model

阀门型号编制方法

阀门型号由七个单位组成按下列顺序编制
The valve model is composed of seven units and is established according to the following sequence



类型代号 Code of type

类型 Type	代号 Code	类型 Type	代号 Code	类型 Type	代号 Code
闸阀 Gate valve	Z	蝶阀 Butterfly valve	D	安全阀 Safety valve	A
截止阀 Globe valve	J	隔膜阀 Diaphragm valve	G	减压阀 Pressure reducing valve	Y
节流阀 Throttle valve	L	旋塞阀 Plug valve	X	疏水阀 Drainage valve	S
球阀 Ball valve	Q	止回阀 Check valve	H		

传动方式代号 code of driving type

传动方式 driving type	代号 Code	传动方式 driving type	代号 Code
电磁动 Electromagnetic drive	0	伞齿轮 Bevel gear	5
电磁液动 Electromagnetic and hydraulic	1	气动 Pneumatic	6
电液动 Electric and hydraulic	2	液动 Hydraulic	7
涡轮 Worm wheel	3	气液动 Pneumatic and hydraulic	8
正齿轮 Spur gear	4	电动 Electric	9

注：(1) 手柄、手柄和扳手传动以及安全阀、减压阀、疏水阀省略本代号。
(2) 对于气动或液动：常开式用6K、7K表示；常闭式用6B、7B表示；气动带手动6S表示；防爆电动用9B。
Note：(1) For the safety valve, pressure reducing valve and drainage valve with handwheel, handle and wrench driving, the code is omitted.
(2) For pneumatic or hydraulic, the constant open type is expressed in 6K and 7K. The constant close type is expressed in 6B and 8B. Pneumatic and manual is expressed in 6S. Electric with anti-explosion in 9B.

连接形式代号 code of connection form

连接形式 Connection form	内螺纹 Internal thread	外螺纹 External thread	法兰 Flange	焊接 Welding	对夹 Butt clamp	卡箍 Hoop	卡套 ferrule
代号 Code	1	2	4	6	7	8	9

结构形式代号 code of structural form

闸阀结构形式 Structural form of gate valve		代号 Code	
明杆 Rising stem	楔式 Wedge type	弹性闸板 Flexible gate valve	0
		单闸板 Single flashboard	1
		双闸板 Double flashboard	2
	平行式 Parallel type	单闸板 Single flashboard	3
		双闸板 Double flashboard	4
		单闸板 Single flashboard	5
暗杆楔式 Non-rising stem wedge type		双闸板 Double flashboard	6

截止阀结构形式 Structural form of globe valve 节流阀 Throttle valve	直通式 Direct through type	角式 Angle type	直流式 Direct flow type	平衡 Balance	
				直通式 Direct through type	角式 Angle type
代号 Code	1	4	5	6	7

止回阀结构形式 Structural form of check valve	直通升降式 Direct through lifting type	升降式 Lifting vertical type	单瓣海启式 Single-clack swing type	多瓣海启式 Multi-clack swing type	双瓣海启式 Double-clack swing type
代号 Code	1	2	4	5	6

Establishment Method of Valve Model

阀门型号编制方法

隔膜阀结构形式 Structural form of diaphragm valve	屋脊式 Ridge type	截止式 Stopping type	直通板式 Direct flow board type	闸板式 Flashboard type
代号 Code	1	3	5	7

球阀结构形式 Structural form of ball valve	浮动球直通式 Floating direct through type	浮动球三通式 Floating ball three-junction type	固定球直通式 Fixing ball direct through type	固定球三通式 Fixing ball Three-junction type
代号 Code	1	L型 4 T型 5	7	8

蝶阀结构形式 Structural form butterfly valve	垂直板式 Vertical board type	斜板式 Sloping plate type	杠杆式 Lever type
代号 Code	1	3	0

减压阀结构形式 Structural form of pressure valve	薄膜式 Film type	弹簧薄膜式 Spring film type	活塞式 Piston type	波纹管式 Bellows type	杠杆式 Lever type
代号 Code	1	2	3	4	5

疏水阀结构形式 Structural form of drainage valve	浮球式 Floating ball type	钟形浮子式 Bell-shape floater	泳冲式 Swimming type	热动力式 Thermal power type
代号 Code	1	5	8	9

安全阀结构形式 Structural form of safety valve		代号 Code			
弹簧 Spring	密封 Closed	带散热器 With radiator	全启式 Complete starting type	0	
		微启式 Micro starting type		1	
		全启式 Complete starting type		2	
				4	
		带扳手 With wrench		全启式 Complete starting type	3
		双弹簧微启式 Double-spring micro starting type		7	
	不密封 Non-closed	带扳手 With wrench		微启式 micro starting type	8
				全启式 Complete starting type	5
		带控制机构 With control mechanism		微启式 micro starting type	6
		脉冲式 Swimming type		全启式 Complete starting type	9

注：杠杆式安全阀在类型代号前加“G”汉语拼音字母。Note: before the model code of the safety type safety valve, and the Chinese phonetic alphabet “G”.

旋塞阀结构形式 Structural form of plug valve	直通填料式 Direct through filler type	三通填料式 Three-junction filler type	直通油封式 Direct through oil seal type	三通油封式 Three-junction oil seal type
代号 Code	3	4	7	8

阀座密封面或衬里材料代号 Code of materials for valve seat, sealing surface and lining

阀座密封面或衬里材料 Code of materials for valve seat, sealing surface and lining	代号 Code	阀座密封面或衬里材料 Code of materials for valve seat, sealing surface and lining	代号 Code	阀座密封面或衬里材料 Code of materials for valve seat, sealing surface and lining	代号 Code
铜合金 Copper alloy	T	巴氏合金 Babbitt alloy	B	衬胶 Rubber lining	J
橡胶 Rubber	X	合金钢 Alloy steel	H	搪瓷 Porcelain enamel	C
尼龙塑料 Nylon plastic	N	渗氮钢 Nitriding steel	D	衬铅 Lead lining	Q
氟塑料 Flourine plastic	F	硬质合金 Hard alloy	Y	渗硼钢 Boron steel	P

注：由阀体直接加工的阀座密封面材料代号“W”表示；当阀座和阀瓣（闸板）密封面材料不同时，用低硬度材料代号表示（隔膜阀除外）。
Note: The code of materials for valve seat and sealing surface processed directly by the valve body is expressed in “W”. If the materials of valve seat and clack (Flashboard) sealing surface are different, it shall be expressed in the code of materials with low hardness. (Except the diaphragm valve)

公称压力数值 Value of nominal pressure

按JB74-59“管路附件公称压力，实验压力和工作压力”的规定；用于电站工业阀门，当介质最高温度超过530℃时，按JB74-59第5条的规定，标注工作压力。

The value of nominal pressure shall be in accordance with the stipulations in JB74-59 “Nominal pressure, testing pressure and working pressure of pipe accessories”. For the valve used in power station industry, when the maximum temperature of the medium exceeds 530°C, according to the stipulations 5 of JB74-59, note the working pressure.

阀体材料代号 Code of materials for valve body

阀体材料 materials for valve body	代号 Code	阀体材料 materials for valve body	代号 Code	阀体材料 materials for valve body	代号 Code
灰铸铁 Gray iron	Z	铜合金 Copper alloy	T	1Cr18Ni9Ti	P
可锻铸铁 Malleable cast iron	K	碳钢 Carbon steel	C	1Cr18Ni12Mo2Ti	R
球墨铸铁	Q	Cr5Mo	I	12CrMov	V

注：PN≤16kg/cm²的灰铸铁阀体和PN≥25kg/cm²的碳钢阀体，省略本单元。
Note: For the gray iron valve body with PN≤16kg/cm² and cast iron valve body with PN≥25kg/cm², the unit is omitted.

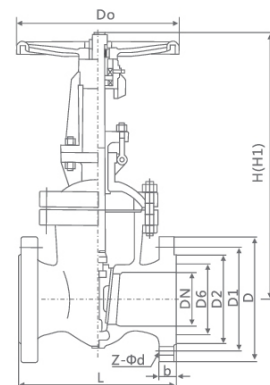
Chemical Composition and Mechanical Property of Common Steely Wrought Steel Parts (Steel Parts)

钢制常用锻钢件(钢件)化学成分和力学性能

标准号 Standard number	牌号 Trademark	化学成分 Chemical composition										力学性能 Mechanical property				
		C _≥	Si _≥	Mn _≥	P _≥	S _≥	Cr	Ni	Mo	V	Cu	Ob Mpa	Os Mpa	δ%	ψ%	AK _J
GB12223	WCB	0.30	0.60	1.00	0.04	0.045						485	350	22	35	
GB12229	WCC	0.25	0.60	1.2	0.04	0.045						485	275	22	35	
ZBJC8015	ZG1Cr5Mo	0.15	0.50	0.60	0.035	0.030	4.0~6.0		0.50~0.65			590	390	18	-	
ZBJC8015	ZG20CrMoV	0.18~0.24	0.17~0.37	0.4~0.70	0.030	0.030	0.9~1.2		0.50~0.70		2.00~3.0	500	320	14	30	30
ZBJC8015	ZG15Cr1Mo1V	0.14~0.20	0.17~0.30	0.4~0.70	0.030	0.030	1.20~1.7		1.00~1.2		3.00~4.0	500	350	14	30	30
GB/T5263	WC1	0.25	0.60	0.5~0.80	0.40	0.045			0.45~0.65			450	240	24	35	
GB/T5263	WC5	0.20	0.60	0.4~0.70	0.040	0.045	0.50~0.9	0.06~1.0	0.90~1.2			483	276	20	35	
GB/T5263	WC6	0.20	0.60	0.5~0.80	0.040	0.045	1.0~1.50		0.45~0.65			483	276	20	35	
GB/T5263	WC9	0.18	0.60	0.4~0.70	0.040	0.045	2.0~2.75		0.90~1.20			483	276	20	35	
GB12230 (GB2100)	ZG0Cr18Ni10	0.03	1.5	0.8~0.20	0.040	0.030	17.0~20	8.0~11.0				392	177	25	(32)	(98)
GB12230 (GB2100)	ZG0Cr18Ni9	0.08	1.5	0.8~0.20	0.040	0.030	17.0~20	8.0~11.0				441	196	25	(32)	(98)
GB12230 (GB2100)	ZG1Cr18Ni9	0.12	1.5	0.8~0.20	0.045	0.030	17.0~20	8.0~11.0				441	196	25	(32)	(98)
GB12230 (GB2100)	ZG0Cr18Ni9Ti	0.80	1.5	0.8~0.20	0.040	0.030	17.0~20	8.0~11.0		0.50~0.70		441	196	25	(32)	(98)
GB12230 (GB2100)	ZG0Cr18Ni9Ti	0.102	1.5	0.8~0.20	0.045	0.030	17.0~20	8.0~11.0		0.50~0.70		441	196	25	(32)	(98)
GB12230 (GB2100)	ZG0Cr18Ni12Ni2Ti	0.8	1.5	0.8~0.20	0.040	0.030	16.0~19	11.0~13	2.00~3.0	0.50~0.70		490	216	30	(30)	(98)
GB12230 (GB2100)	ZG1Cr18Ni12Ni2Ti	0.12	1.5	1.50	0.045	0.030	16.0~19	11.0~13	3.00~4.0	0.50~0.70		490	216	30	(30)	(98)
GB12230	CF3	0.03	2.00	1.50	0.04	0.04	17.0~21	8.0~11.0				485	206	35	-	
GB12230	CF8	0.08	2.00	1.50	0.04	0.04	18.0~21	8.0~11.0				485	206	35	-	
GB12230	CF3M	0.03	1.5	1.50	0.04	0.04	17.0~21	9.0~12.0	2.00~3.0			485	206	30	-	
GB12230	CF8M	0.08	1.50	1.50	0.04	0.04	18.0~21	9.0~12.0	3.00~4.0			485	206	30	-	
GB12230	CF8C	0.08	2.00	1.50	0.04	0.04	18.0~21	9.0~12.0		(Nb) 8xC% ~1.0		485	206	30		AKV J/mm ² °C
JB/T7248	LCB	0.30	0.60	1.00	0.04	0.045					450~620	240	24	35	14/46	
JB/T7248	LC1	0.25	0.60	0.5~0.80	0.04	0.045			0.45~0.65		450~620	240	24	35	14/59	
JB/T7248	LC2	0.25	0.60	0.5~0.80	0.04	0.045	2.00~3.0				435~655	275	24	35	16/73	
JB/T7248	LC3	0.15	0.60	0.5~0.80	0.04	0.045	3.00~4.0				435~655	275	24	35	16/101	

注: 杂志(残余)元素的总和最大值的100%
Note: 100% of total maximum value of impurity (residue) element

GB Gate Valve
国标闸阀



DN40~80



DN40~100



DN150~200

标准

设计与制造按GB/T12234
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/T12234
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)	1.0 1.6 2.5 4.0 6.4 10.0 16.0	1.5 2.4 3.8 6.0 9.6 15.0 24.0	1.1 1.8 2.8 4.4 7.0 11.0 18.0	0.5~0.7

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
闸板 Wedge	CF8	CF3	CF8M	CF3M	WCB	LCB	WC6	WC9	C5
闸杆 Stem	F304	F304L	F316	F316L	2CR13	F304	F304	F304	F304
闸杆螺母 Stem Nut	铝青铜 Aluminium Bronze								
填料 Packing	PTFF				石墨 Graphite				
垫片 Gasket	PTFF				石墨 Graphite				
压盖 Gland	CF8	CF3	CF8M	CF3M	WCB	LCB	WC6	WC9	C5
螺栓 Bolt	不锈钢 Stainless Steel				35CrMoA				
螺母 Nut	不锈钢 Stainless Steel				45, 35CrMoA				
手轮 Handwheel	铸钢 Cast Steel								

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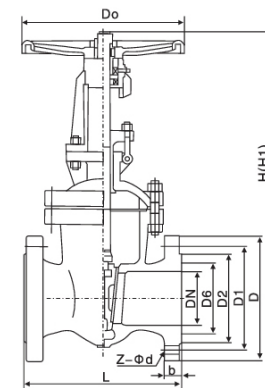
主要连接尺寸 Main Connection Dimensions

型号 Type	公称通径 DN(mm)	尺寸 Dimensions								
		L	D	D1	D2	b-f	z-Φd	H	Do	
Z41W-10 Y	15	130	95	65	45	12-2	4-Φ14	185	120	
	20	150	105	75	55	14-2	4-Φ14	200	120	
	25	160	115	85	65	14-2	4-Φ14	225	140	
	32	180	135	100	78	16-2	4-Φ18	275	160	
	40	165	145	110	85	16-3	4-Φ18	290	160	
	50	180	160	125	100	16-3	4-Φ18	345	200	
	65	195	180	145	120	18-3	4-Φ18	360	220	
	80	210	195	160	135	18-3	4-Φ18	380	240	
	100	230	215	180	155	20-3	8-Φ18	430	280	
	125	255	245	210	185	22-3	8-Φ18	520	300	
Z641W-10 Y	150	280	280	240	210	22-3	8-Φ23	600	320	
	200	330	335	295	265	22-3	8-Φ23	765	400	
	250	380	390	350	320	24-3	12-Φ23	930	450	
	300	420	440	400	368	26-3	12-Φ23	1080	500	
	350	450	500	460	428	26-4	16-Φ23	1200	500	
	400	480	565	515	482	26-4	16-Φ35	1400	550	
	450	510	615	565	532	26-4	20-Φ25	1500	600	
	500	540	670	620	585	28-4	20-Φ25	1630	650	
	Z41W-16 Y	15	130	95	65	45	14-2	4-Φ14	185	120
		20	150	105	75	55	14-2	4-Φ14	200	120
25		160	115	85	65	14-2	4-Φ14	225	140	
32		180	135	100	78	16-2	4-Φ18	275	160	
40		200	145	110	85	16-3	4-Φ18	295	200	
50		250	160	125	100	16-3	4-Φ18	350	220	
65		265	180	145	120	18-3	4-Φ18	370	240	
80		280	195	160	135	20-3	8-Φ18	390	280	
100		300	215	180	155	20-3	8-Φ18	435	300	
125		325	245	210	185	22-3	8-Φ18	520	320	
Z641W-16 Y	150	350	280	240	210	24-3	8-Φ23	610	350	
	200	400	335	295	265	26-3	12-Φ23	785	400	
	250	450	405	355	320	30-3	12-Φ25	930	450	
	300	500	460	410	375	30-4	12-Φ25	1080	500	
	350	550	520	470	435	34-4	16-Φ25	1200	550	
	400	600	580	525	485	36-4	16-Φ30	1400	600	
	450	650	640	585	545	40-4	20-Φ30	1500	650	
	500	700	705	650	608	44-4	20-Φ34	1630	700	
	Z41W-25 Y	15	130	95	65	45	16-2	4-Φ14	185	120
		20	150	105	75	55	16-2	4-Φ14	200	120
25		160	115	85	65	16-2	4-Φ14	225	140	
32		180	135	100	78	18-2	4-Φ18	275	160	
40		200	145	110	85	18-3	4-Φ18	295	200	
50		250	160	125	100	20-3	4-Φ18	350	220	
65		265	180	145	120	22-3	8-Φ18	370	240	
80		280	195	160	135	22-3	8-Φ18	390	280	
100		300	230	190	160	24-3	8-Φ23	435	300	
125		325	270	220	188	28-3	8-Φ25	520	320	
Z641W-25 Y	150	350	300	250	218	30-3	8-Φ25	610	350	
	200	400	360	310	278	34-3	12-Φ25	785	400	
	250	450	425	370	332	36-3	12-Φ30	930	450	
	300	500	485	430	390	40-4	16-Φ30	1080	500	
	350	550	550	490	448	44-4	16-Φ34	1250	550	
	400	600	610	550	505	48-4	16-Φ34	1430	600	
	450	650	660	600	555	50-4	20-Φ34	1520	650	
	500	700	730	660	610	52-4	20-Φ41	1650	700	

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主要连接尺寸 Main Connection Dimensions

型号 Type	公称通径 DN(mm)	尺寸 Dimension(mm)								
		L	D	D1	D2	D6	b-f	f1	z-Φd	H
Z41W-40 Y	15	130	95	65	45	40	16-2	4	4-Φ14	185
	20	150	105	75	55	51	16-2	4	4-Φ14	200
	25	160	115	85	65	58	16-2	4	4-Φ14	225
	32	180	135	100	78	66	18-2	4	4-Φ18	275
	40	200	145	110	85	76	18-3	4	4-Φ18	295
	50	250	160	125	100	88	20-3	4	4-Φ18	350
	65	280	180	145	120	110	22-3	4	8-Φ18	370
	80	310	195	160	135	121	22-3	4	8-Φ18	390
	100	350	230	190	160	150	24-3	4.5	8-Φ23	435
	125	400	270	220	188	176	28-3	4.5	8-Φ25	520
Z641W-40 Y	150	450	300	250	218	204	30-3	4.5	8-Φ25	610
	200	550	375	320	282	260	38-3	4.5	12-Φ30	970
	250	650	445	385	345	313	42-3	4.5	12-Φ34	930
	300	750	510	450	408	364	46-4	4.5	16-Φ34	1080
	350	850	570	510	465	422	52-4	5	16-Φ34	1250
	400	950	655	585	535	474	58-4	5	16-Φ41	1430
	450	1050	680	610	560	524	60-4	5	20-Φ41	1520
	500	1150	755	670	612	576	62-4	5	20-Φ48	1650

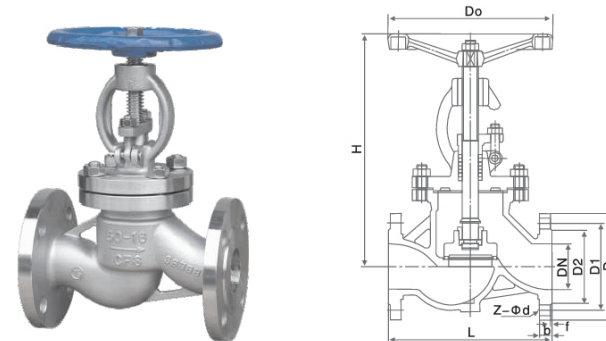


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主要连接尺寸 Main Connection Dimensions

型号 Type	公称通径 DN(mm)	尺寸 Dimension(mm)									
		L	D	D1	D2	D6	b-f	f1	z-Φd	H	
Z41W-64 ^H Y	15	170	105	75	55	40	18-2	4	4-Φ14	185	
	20	190	125	90	68	51	20-2	4	4-Φ18	200	
	25	210	135	100	78	58	22-2	4	4-Φ18	225	
	32	230	150	110	82	66	24-2	4	4-Φ23	280	
	40	240	165	125	95	76	24-3	4	4-Φ23	300	
	50	250	175	135	105	88	26-3	4	4-Φ23	360	
	65	280	200	160	130	110	28-3	4	8-Φ23	385	
	80	310	210	170	140	121	30-3	4	8-Φ25	400	
	100	350	250	200	168	150	32-3	4.5	8-Φ25	450	
	125	400	295	240	202	176	36-3	4.5	8-Φ30	540	
Z641W-64 ^H Y	150	450	340	280	240	204	38-3	4.5	8-Φ34	630	
	200	550	405	345	300	260	44-3	4.5	12-Φ34	820	
	250	650	470	400	352	313	48-3	4.5	12-Φ41	960	
	300	750	530	460	412	364	54-4	4.5	16-Φ41	1130	
	350	850	595	525	475	422	60-4	5	16-Φ41	1300	
	400	950	670	585	525	474	66-4	5	16-Φ48	1450	
	450	1050	715	630	570	524	70-4	5	20-Φ48	1550	
	500	1150	800	705	640	576	70-4	5	20-Φ54	1680	
	Z941W-64 ^H Y	15	170	105	75	55	40	20-2	4	4-Φ14	185
		20	190	125	90	68	51	22-2	4	4-Φ18	200
25		210	135	100	78	58	24-2	4	4-Φ18	225	
32		230	150	110	82	66	24-2	4	4-Φ23	280	
40		240	165	125	95	76	26-3	4	4-Φ23	300	
50		250	195	145	112	88	28-3	4	4-Φ25	360	
65		280	220	170	138	110	32-3	4	8-Φ25	385	
80		310	230	180	148	121	34-3	4	8-Φ25	400	
100		350	265	210	172	150	38-3	4.5	8-Φ30	450	
125		400	310	250	210	176	42-3	4.5	8-Φ34	540	
Z41W-100 ^H Y	150	450	350	290	250	204	46-3	4.5	12-Φ34	630	
	200	550	430	360	312	260	54-3	4.5	12-Φ41	820	
	250	650	500	430	382	313	60-3	4.5	12-Φ41	960	
	300	750	585	500	442	364	70-4	4.5	16-Φ48	1130	
	350	850	655	560	498	422	76-4	5	16-Φ54	1300	
	400	950	715	620	558	474	80-4	5	16-Φ54	1450	
	450	1050	770	675	615	524	84-4	5	16-Φ58	1550	
	500	1150	870	760	690	576	90-5	5	20-Φ58	1680	
	Z641W-100 ^H Y	15	170	105	75	55	40	20-2	4	4-Φ14	185
		20	190	125	90	68	51	22-2	4	4-Φ18	200
25		210	135	100	78	58	24-2	4	4-Φ18	225	
32		230	150	110	82	66	24-2	4	4-Φ23	280	
40		240	165	125	95	76	26-3	4	4-Φ23	300	
50		250	195	145	112	88	28-3	4	4-Φ25	360	
65		280	220	170	138	110	32-3	4	8-Φ25	385	
80		310	230	180	148	121	34-3	4	8-Φ25	400	
100		350	265	210	172	150	38-3	4.5	8-Φ30	450	
125		400	310	250	210	176	42-3	4.5	8-Φ34	540	
Z941W-100 ^H Y	150	450	350	290	250	204	46-3	4.5	12-Φ34	630	
	200	550	430	360	312	260	54-3	4.5	12-Φ41	820	
	250	650	500	430	382	313	60-3	4.5	12-Φ41	960	
	300	750	585	500	442	364	70-4	4.5	16-Φ48	1130	
	350	850	655	560	498	422	76-4	5	16-Φ54	1300	
	400	950	715	620	558	474	80-4	5	16-Φ54	1450	
	450	1050	770	675	615	524	84-4	5	16-Φ58	1550	
	500	1150	870	760	690	576	90-5	5	20-Φ58	1680	

GB Globe Valve 国标截止阀



标准
设计与制造按GB/T12235
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/T12235
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	0.5~0.7
	2.5	3.8	2.8	
	4.0	6.0	4.4	
	6.4	9.6	7.0	
	10.0	15.0	11.0	
	16.0	24.0	18.0	

主要零件材料 Materials for Main Parts

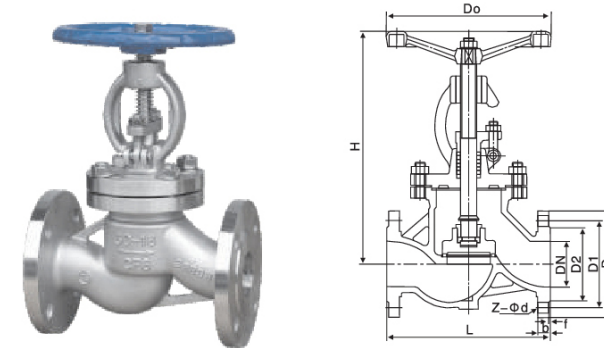
名称 Name	材料 Material								
阀体/阀盖 Body/Bonnet	CF8	CF3	CF8M	CF3M	WCB	LCB	WC6	WC9	C5
阀瓣 Wedge	CF8	CF3	CF8M	CF3M	WCB	LCB	WC6	WC9	C5
阀杆 Stem	F304	F304L	F316	F316L	2CR13	F304	F304	F304	F304
阀杆螺母 Stem Nut	铝青铜 Aluminium Bronze								
填料 Packing	PTFF				石墨 Graphite				
垫片 Gasket	PTFF				石墨 Graphite				
压盖 Gland	CF8	CF3	CF8M	CF3M	WCB	LCB	WC6	WC9	C5
螺栓 Bolt	不锈钢 Stainless Steel				35CrMoA				
螺母 Nut	不锈钢 Stainless Steel				45、35CrMoA				
手轮 Handwheel	铸钢 Cast Steel								

GB
Globe Valve
国标截止阀 ▶

主要连接尺寸 Main Connection Dimensions

型号 Type	公称通径 DN(mm)	尺寸 Dimension(mm)							
		L	D	D1	D2	b-f	z-φd	H	Do
J41W-16 Y J641W-16 Y J941W-16 Y	15	130	95	65	45	14-2	4-Φ14	190	100
	20	150	105	75	55	14-2	4-Φ14	200	120
	25	160	115	85	65	14-2	4-Φ14	225	140
	32	180	135	100	78	16-2	4-Φ18	235	160
	40	200	145	110	85	16-3	4-Φ18	265	200
	50	230	160	125	100	16-3	4-Φ18	280	220
	65	290	180	145	120	18-3	4-Φ18	350	240
	80	310	195	160	135	20-3	8-Φ18	360	280
	100	350	215	180	155	20-3	8-Φ18	410	320
	125	400	245	210	185	22-3	8-Φ18	450	350
	150	480	280	240	210	24-3	8-Φ23	480	400
	200	600	335	295	265	26-3	12-Φ23	600	450
	250	650	405	355	320	30-3	12-Φ25	720	550
	300	750	460	410	375	30-3	12-Φ25	950	650
	350	850	520	470	435	34-4	16-Φ25	1040	750
	400	950	580	525	485	36-4	16-Φ30	1150	800
450	1050	640	585	545	40-4	20-Φ30	1250	850	
500	1150	705	650	608	44-4	20-Φ34	1380	950	

GB
Globe Valve
国标截止阀 ▶



主要连接尺寸 Main Connection Dimensions

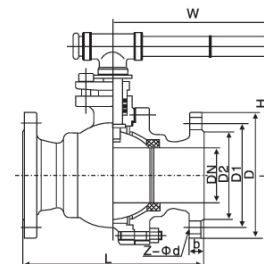
型号 Type	公称通径 DN(mm)	尺寸 Dimension(mm)							
		L	D	D1	D2	b-f	z-φd	H	Do
J41W-25 Y J641W-25 Y J941W-25 Y	15	130	95	65	45	16-2	4-Φ14	190	100
	20	150	105	75	55	16-2	4-Φ14	200	120
	25	160	115	85	65	16-2	4-Φ14	225	140
	32	180	135	100	78	18-2	4-Φ18	235	160
	40	200	145	110	85	18-3	4-Φ18	265	200
	50	230	160	125	100	20-3	4-Φ18	280	220
	65	290	180	145	120	22-3	8-Φ18	350	240
	80	310	195	160	135	22-3	8-Φ18	360	280
	100	350	230	190	160	24-3	8-Φ23	410	320
	125	400	270	220	188	28-3	8-Φ25	450	350
	150	480	300	250	218	30-3	8-Φ25	480	400
	200	600	360	310	278	34-3	12-Φ25	600	450
	250	650	425	370	335	36-3	12-Φ30	720	550
	300	750	485	430	390	40-4	16-Φ30	950	650
	350	850	550	490	448	44-4	16-Φ34	1040	750
	400	950	610	550	505	48-4	16-Φ34	1150	800
	450	1050	660	600	555	50-4	20-Φ34	1250	850
	500	1150	730	660	610	52-4	20-Φ41	1380	950

GB Globe Valve 国标截止阀

主要连接尺寸 Main Connection Dimensions

型号 Type	公称通径 DN(mm)	尺寸 Dimension(mm)									
		L	D	D1	D2	D6	b-f	f1	z-Φd	H	D0
H J41W-40 H J641W-40 H J941W-40	15	130	95	65	45	40	16-2	4	4-Φ14	190	100
	20	150	105	75	55	51	16-2	4	4-Φ14	200	120
	25	160	115	85	65	58	16-2	4	4-Φ14	225	140
	32	180	135	100	78	66	18-2	4	4-Φ18	235	160
	40	200	145	110	85	76	18-3	4	4-Φ18	265	200
	50	230	160	125	100	88	20-3	4	4-Φ18	280	220
	65	290	180	145	120	110	22-3	4	8-Φ18	350	240
	80	310	195	160	135	121	22-3	4	8-Φ18	360	280
	100	350	230	190	160	150	24-3	4.5	8-Φ23	410	320
	125	400	270	220	188	176	28-3	4.5	8-Φ25	450	350
	150	480	300	250	218	204	30-3	4.5	8-Φ25	480	400
	200	600	375	320	282	260	38-3	4.5	12-Φ30	600	450
	250	650	445	385	345	313	42-3	4.5	12-Φ34	720	550
	300	750	510	450	408	364	46-4	4.5	16-Φ34	950	650
	350	850	570	510	465	422	52-4	5	16-Φ34	1050	750
400	950	655	585	535	474	58-4	5	16-Φ41	1170	800	
450	1050	680	610	560	524	60-4	5	20-Φ41	1400	850	
H J41W-64 H J641W-64 H J941W-64	15	170	105	75	55	40	18-2	4	4-Φ14	200	120
	20	190	125	90	68	51	20-2	4	4-Φ18	210	140
	25	210	135	100	78	58	22-2	4	4-Φ18	235	160
	32	230	150	110	82	66	24-2	4	4-Φ23	265	200
	40	260	165	125	95	76	24-3	4	4-Φ23	330	220
	50	300	175	135	105	88	26-3	4	4-Φ23	360	240
	65	340	200	160	130	110	28-3	4	8-Φ23	400	280
	80	380	210	170	140	121	30-3	4	8-Φ23	480	320
	100	430	250	200	168	150	32-3	4.5	8-Φ25	530	350
	125	500	295	240	202	176	36-3	4.5	8-Φ30	600	400
150	550	340	280	240	204	38-3	4.5	8-Φ34	680	450	
200	650	405	345	300	260	44-3	4.5	12-Φ34	750	550	

GB Ball Valve 国标球阀



防火结构
Fire durable



蜗轮传动
Worm gear operation

标准

设计与制造按GB/T12237
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/T12237
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	0.5~0.7
	2.5	3.8	2.8	
	4.0	6.0	4.4	
	6.4	9.6	7.0	
	10.0	15.0	11.0	
	16.0	24.0	18.0	

主要零件材料 Materials for Main Parts

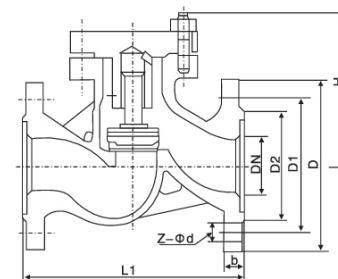
名称 Name	材料 Material									
阀体/阀盖 Body/Bonnet	CF8	CF3	CF8M	CF3M	WCB	LCB	WC6	WC9	C5	
球体 Ball	CF8	CF3	CF8M	CF3M	WCB Hcr	CF8	CF8	CF8	CF8	
阀杆 Stem	F304	F304L	F316	F316L	2CR13	F304	F304	F304	F304	
阀座 Seat	PTFE/PPL									
填料/垫片 Packing/Gasket	PTFF						石墨 Graphite			
螺栓 Bolt	不锈钢 Stainless Steel						35CrMoA			
螺母 Nut	不锈钢 Stainless Steel						45、35CrMoA			
手柄 Handle	铸钢 Cast Steel									

GB Ball Valve 国标球阀

主要连接尺寸 Main Connection Dimensions

型号 Type	公称直径 DN(mm)	尺寸 Dimension(mm)									
		L	D	D1	D2	D6	b-f	z-Φd	H	W	
Q41Y-16 F H	15	130	95	65	45		14-2	4-Φ14	65	115	
	20	140	105	75	55		14-2	4-Φ14	75	130	
	25	150	115	85	65		14-2	4-Φ14	85	150	
	32	165	135	100	78		16-2	4-Φ18	95	190	
	40	180	145	110	85		16-3	4-Φ18	105	230	
	50	200	160	125	100		16-3	4-Φ18	115	240	
	Q341Y-16 F H	65	220	180	145	120		18-3	4-Φ18	145	280
		80	250	195	160	135		20-3	8-Φ18	160	310
	Q641Y-16 F H	100	280	215	180	155		20-3	8-Φ18	185	330
		125	320	245	210	185		22-3	8-Φ18	215	600
150		360	280	240	210		24-3	8-Φ23	245	800	
200		400	335	295	265		26-3	12-Φ23	300	1000	
250		450	405	355	320		30-3	12-Φ25	380	1200	
300		500	475	425	390		34-3	12-Φ25	450	1500	
Q41Y-25 F H	15	130	95	65	45		14-2	4-Φ14	65	115	
	20	140	105	75	55		14-2	4-Φ14	75	130	
	25	150	115	85	65		14-2	4-Φ14	85	150	
	32	165	135	100	78		16-2	4-Φ18	95	190	
	40	180	145	110	85		16-3	4-Φ18	105	230	
	50	200	160	125	100		20-3	4-Φ18	115	240	
	Q341Y-25 F H	65	220	180	145	120		22-3	8-Φ18	145	280
		80	250	195	160	135		22-3	8-Φ18	160	310
	Q641Y-25 F H	100	280	230	190	160		24-3	8-Φ23	185	330
		125	320	270	220	188		28-3	8-Φ25	215	600
150		360	300	250	218		30-3	8-Φ25	245	800	
200		400	360	310	278		34-3	12-Φ25	300	1000	
250		450	425	370	332		36-3	12-Φ30	380	1200	
300		500	495	440	400		40-3	12-Φ30	450	1500	
Q41Y-40 F H	15	130	95	65	45	40	16-2	4-Φ14	70	115	
	20	140	105	75	55	51	16-2	4-Φ14	80	130	
	25	150	115	85	65	58	16-2	4-Φ14	90	150	
	32	180	135	100	78	66	18-3	4-Φ18	100	190	
	40	200	145	110	85	76	18-3	4-Φ18	110	230	
	50	220	160	125	100	88	20-3	4-Φ18	120	240	
	Q341Y-40 F H	65	250	180	145	120	110	22-3	8-Φ18	150	280
		80	280	195	160	135	121	22-3	8-Φ18	170	310
	Q641Y-40 F H	100	320	230	190	160	150	24-3	8-Φ23	190	330
		125	360	270	220	188	176	28-3	8-Φ25	220	600
150		400	300	250	218	204	30-3	8-Φ25	250	800	
200		550	375	320	282	260	38-3	12-Φ30	390	1200	
250		600	450	400	350	330	42-3	12-Φ30	450	1500	
300		650	475	425	390	370	46-3	12-Φ30	500	1800	
Q41Y-64 F H	15	140	105	75	55	40	18-2	4-Φ14	75	115	
	20	160	125	90	68	51	20-2	4-Φ18	85	130	
	25	180	135	100	78	58	22-2	4-Φ18	95	150	
	32	200	150	110	82	66	24-2	4-Φ23	105	190	
	40	220	165	125	95	76	24-3	4-Φ23	120	230	
	50	250	175	135	105	88	26-3	4-Φ23	130	240	
	Q341Y-64 F H	65	280	200	160	130	110	28-3	8-Φ23	160	280
		80	320	210	170	140	121	30-3	8-Φ23	180	310
	Q641Y-64 F H	100	360	250	200	168	150	32-3	8-Φ25	200	330
		125	381	295	240	202	176	36-3	8-Φ30	230	600
150		403	340	280	240	204	38-3	8-Φ34	260	800	
200		502	405	345	300	260	44-3	12-Φ34	400	1200	
250		550	450	390	330	300	48-3	12-Φ34	450	1500	
300		600	500	440	370	340	52-3	12-Φ34	500	1800	

GB Piston-lift Type Check Valve 国标升降式止回阀



标准

设计与制造按GB/T12235
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/T12235
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	0.5~0.7
	2.5	3.8	2.8	
	4.0	6.0	4.4	
	6.4	9.6	7.0	
	10.0	15.0	11.0	
	16.0	24.0	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				

GB Piston-lift Type Check Valve

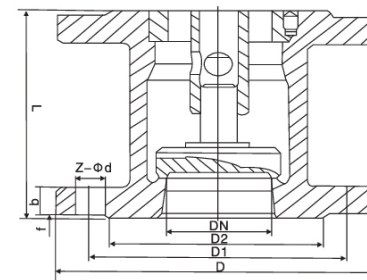
国标升降式止回阀 ▶

主要连接尺寸 Main Connection Dimensions

型号 Type	公称通径 DN(mm)	尺寸 Dimension(mm)								
		L	D	D1	D2	D6	b-f	f1	z-φd	H
H41W-16	15	130	95	65		45	14-2		4-φ14	90
	20	150	105	75		55	14-2		4-φ14	105
	25	160	115	85		65	14-2		4-φ14	115
	32	180	135	100		78	16-2		4-φ18	120
	40	200	145	110		85	16-3		4-φ18	130
	50	230	160	125		100	16-3		4-φ18	140
	65	290	180	145		120	18-3		4-φ18	150
	80	310	195	160		135	20-3		8-φ18	170
	100	350	215	180		155	20-3		8-φ18	185
	125	400	245	210		185	22-3		8-φ18	195
	150	480	280	240		210	24-3		8-φ23	225
	200	600	335	295		265	26-3		12-φ23	250
	250	650	405	355		320	30-3		12-φ25	270
	300	750	460	410		375	30-3		12-φ25	300
H41W-25	15	130	95	65		45	16-2		4-φ14	90
	20	150	105	75		55	16-2		4-φ14	105
	25	160	115	85		65	16-2		4-φ14	115
	32	180	135	100		78	18-2		4-φ18	120
	40	200	145	110		85	18-3		4-φ18	130
	50	230	160	125		100	20-3		4-φ18	140
	65	290	180	145		120	22-3		8-φ18	150
	80	310	195	160		135	22-3		8-φ18	170
	100	350	230	190		160	24-3		8-φ23	185
	125	400	270	220		188	28-3		8-φ25	195
	150	480	300	250		218	30-3		8-φ25	225
	200	600	360	310		278	34-3		12-φ25	250
	250	650	425	370		335	36-3		12-φ30	270
	300	750	485	430		390	40-4		16-φ30	300
H41W-40	25	160	115	85	65	58	16-2	4	4-φ14	115
	32	180	135	100	78	66	18-2	4	4-φ18	120
	40	200	145	110	85	76	18-3	4	4-φ18	130
	50	230	160	125	100	88	20-3	4	4-φ18	140
	65	290	180	145	120	110	22-3	4	8-φ18	150
	80	310	195	160	135	121	22-3	4	8-φ18	170
	100	350	230	190	160	150	24-3	4.5	8-φ23	185
	125	400	270	220	188	176	28-3	4.5	8-φ25	195
	150	480	300	250	218	204	30-3	4.5	8-φ25	225
	200	600	375	320	282	260	38-3	4.5	12-φ30	250
H41W-64	15	170	105	75	55	40	18-2	4	4-φ14	110
	20	190	125	90	68	51	20-2	4	4-φ18	125
	25	210	135	100	78	58	22-2	4	4-φ18	152
	32	230	150	110	82	66	24-2	4	4-φ23	168
	40	260	165	125	95	76	24-3	4	4-φ23	170
	50	300	175	135	105	88	26-3	4	4-φ23	188
	65	340	200	160	130	110	28-3	4	8-φ23	205
	80	380	210	170	140	121	30-3	4	8-φ23	230
	100	430	250	200	168	150	32-3	4.5	8-φ25	280
	125	500	295	240	202	176	36-3	4.5	8-φ30	300
	150	550	340	280	240	204	38-3	4.5	8-φ34	350
	200	650	405	345	300	260	44-3	4.5	12-φ34	400

GB Vertical Check Valve

国标立式止回阀 ▶

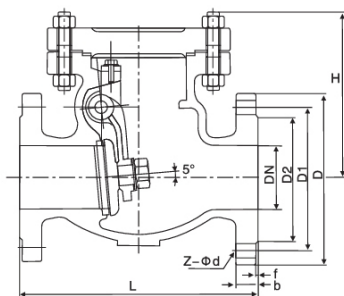


主要连接尺寸 Main Connection Dimensions

型号 Type	公称通径 DN(mm)	尺寸 Dimension(mm)					
		L	D	D1	D2	b-f	z-φd
H42W-16	15	85	95	65	45	14-2	4-φ14
	20	95	105	75	55	14-2	4-φ14
	25	105	115	85	65	14-2	4-φ14
	32	150	135	100	78	16-2	4-φ18
	40	160	145	110	85	16-3	4-φ18
	50	170	160	125	100	16-3	4-φ18
	65	180	180	145	120	18-3	8-φ18
	80	200	195	160	135	20-3	8-φ18
	100	210	215	180	155	20-3	8-φ18
	125	275	245	210	185	22-3	8-φ18
	150	300	280	240	210	24-3	8-φ23
	200	380	335	295	265	26-3	12-φ23
	250	430	405	355	320	30-3	12-φ25
	H42W-25	15	85	95	65	45	16-2
20		95	105	75	55	16-2	4-φ14
25		105	115	85	65	16-2	4-φ14
32		150	135	100	78	18-2	4-φ18
40		160	145	110	85	18-3	4-φ18
50		170	160	125	100	20-3	4-φ18
65		180	180	145	120	22-3	8-φ18
80		200	195	160	135	22-3	8-φ18
100		210	215	180	155	20-3	8-φ18
125		275	245	210	185	22-3	8-φ18
150		300	280	240	210	24-3	8-φ23
200		380	335	295	265	26-3	12-φ23
250		430	405	355	320	30-3	12-φ25

GB Swing Check Valve

国标旋启式止回阀



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

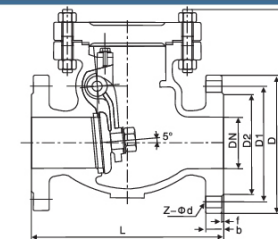
试验项目 Test Item	壳体试验 Shell Test	密封试验 Seal Test	上密封试验 Back Seal Test	气密封试验 Air Seal Test
介质 Medium	水 Water			气 Air
单位 Unit	MPa	MPa	MPa	MPa
公称压力 Nominal Pressure PN(MPa)	1.6	2.4	1.8	0.5~0.7
	2.5	3.8	2.8	
	4.0	6.0	4.4	
	6.4	9.6	7.0	
	10.0	15.0	11.0	
	16.0	24.0	18.0	

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				

GB Swing Check Valve

国标旋启式止回阀

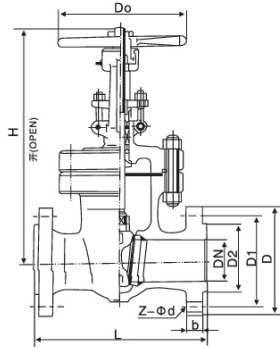


主要连接尺寸 Main Connection Dimensions

型号 Type	公称直径 DN(mm)	尺寸 Dimension(mm)							
		L	D	D1	D2	D6	b-f	z-φd	H
H44W-16	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-φ30	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	
H44W-25	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		
H44W-40	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	

API Gate Valve

美标闸阀



标准

设计与制造按API600, ANSI B16.34
 结构长度按ANSI B16.10
 法兰连接尺寸按ANSI B16.5
 压力温度额定值按ANSI B16.34
 检验按API 598

Standards

Design and manufacture as API600,ANSI B16.34
 Flange to face dimensions as ANSI B16.10
 End flange dimension as ANSI B16.5
 Pressure-temperature rating as ANSI B16.34
 Pressure test as API 598

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	lbf/in ²	MPa	lbf/in ²	MPa	lbf/in ²	MPa	lbf/in ²
压力等级 (磅级) Pressure (Class)	150	3.1	450	2.2	315	2.2	315	0.5~0.7	60~100
	300	7.8	1125	5.6	815	5.6	815		
	400	10.3	1500	7.6	1100	7.6	1100		
	600	15.3	2225	11.2	1630	11.2	1630		
	900	23.1	3350	16.8	2440	16.8	2440		
	1500	38.4	5575	28.1	4080	28.1	4080		

主要零件材料 Materials for Main Parts

名称 Name	材料 Material									
阀体Body 阀盖Bonnet 闸板Wedge	A216 WCB	A352 LCB	A217 WC6	A217 WC9	A217 C5	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M	
阀杆Stem	A182 F6	A182 F304					A182 F316	A182 F304L	A182 F316L	
阀杆螺母 Stem Nut	ZcuAl10Fe3 Bronze									
手轮Handwheel	KTH350-10									
螺栓Bonnet Bolt	A193-B7 A320-L7 A193-B8									
螺母 Nut	A194-2H A194-7 A194-8									

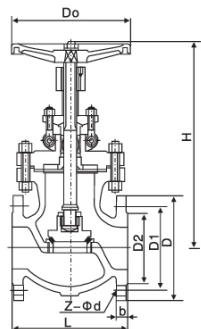
API Gate Valve

美标闸阀

主要连接尺寸 Main Connection Dimensions

型号 Type	型号规格 Size(mm)		尺寸 Dimension(mm)							
	Inch	DN	L	D	D1	D2	b	z-φd	H	Do
H Z40W-150lb Y	1/2"	15	108	89	60.5	35	12	4-φ15	180	120
	3/4"	20	117	98	70	43	12	4-φ15	185	120
	1"	25	127	108	79.5	51	12	4-φ15	225	140
	1 1/4"	32	140	117	89	64	13	4-φ15	245	160
	1 1/2"	40	165	127	98.6	73.2	15	4-φ15	310	180
	2"	50	178	152	120.7	92	16	4-φ19	335	200
	2 1/2"	65	190	177.8	139.7	104.7	18	4-φ19	350	220
	3"	80	203	190.5	152.4	127	19	4-φ19	420	240
	4"	100	229	229	190.5	157	24	8-φ19	485	280
	5"	125	254	254	216	185.7	26	8-φ22	515	300
	6"	150	267	279	241.3	216	26	8-φ22	565	320
	8"	200	292	343	298.5	270	29	8-φ22	760	400
	10"	250	330	406	362	324	31	12-φ25	950	450
	12"	300	356	483	432	381	31	12-φ25	1075	500
	14"	350	381	533	476.3	413	35	12-φ29	1160	500
	16"	400	406	597	540	470	37	16-φ29	1345	550
18"	450	432	635	578	533.4	40	16-φ32	1450	550	
20"	500	457	698.5	635	584	43	20-φ32	1600	600	
24"	600	508	813	749.3	692	48	20-φ35	1720	650	
16"	650	559	870	806	749.5	69	24-φ35	1820	650	
28"	700	610	927	863	800	72	28-φ35	2000	700	
30"	750	610	984	914.4	857	75	28-φ35	2200	700	
32"	800	660	1060.5	978	914.4	81	28-φ42	2400	750	
36"	900	711	1168	1086	1022.4	91	32-φ42	2600	800	
H Z40W-300lb Y	1/2"	15	140	95	66.5	35	15	4-φ15	190	120
	3/4"	20	152	117	82.5	43	16	4-φ19	200	120
	1"	25	165	124	89	51	18	4-φ19	225	140
	1 1/4"	32	178	133	98.5	64	19	4-φ19	255	160
	1 1/2"	40	190	156	114.3	73	21	4-φ22	320	180
	2"	50	216	165	127	92	23	8-φ19	360	220
	2 1/2"	65	241	190.5	149.4	104.7	26	8-φ22	400	240
	3"	80	283	210	168.2	127	29	8-φ22	455	280
	4"	100	305	254	200.2	157	32	8-φ22	500	300
	5"	125	381	279	235	185.7	35	8-φ22	555	320
	6"	150	403	318	270	216	37	12-φ22	650	350
	8"	200	419	381	330	270	42	12-φ25	900	450
	10"	250	459	445	387.5	324	48	16-φ29	970	500
	12"	300	502	521	451	381	51	16-φ32	1110	550
	14"	350	762	584	514.5	413	54	20-φ32	1220	600
	16"	400	838	648	571.5	470	58	20-φ35	1430	650
18"	450	914	711	628.7	533.4	61	24-φ35	1510	700	
20"	500	991	775	685.8	584	64	24-φ35	1680	750	
24"	600	1143	914.4	812.8	692	70	24-φ41	1820	800	
26"	650	1245	972	876	749.5	80	24-φ45	1920	850	
28"	700	1345	1035	939.8	800	86	28-φ45	2100	900	
H Z40W-600lb Y	1/2"	15	165	95	66.5	35	15	4-φ15	190	120
	3/4"	20	190	118	82.5	43	16	4-φ19	200	120
	1"	25	216	124	89	51	18	4-φ19	230	140
	1 1/4"	32	229	133	98.5	64	21	4-φ19	260	160
	1 1/2"	40	241	156	114.5	73.2	23	4-φ22	330	180
	2"	50	292	165	127	92	26	8-φ19	380	250
	2 1/2"	65	330	190.5	149.4	104.7	29	8-φ22	420	300
	3"	80	356	210	168.2	127	32	8-φ22	470	300
	4"	100	432	273	216	157	38	8-φ25	570	350
	5"	125	508	330	266.7	185.7	45	8-φ29	650	450
	6"	150	559	356	292	216	48	12-φ29	700	450
	8"	200	660	419	349	270	56	12-φ32	880	500
	10"	250	787	508	432	324	64	16-φ35	1020	600
	12"	300	838	559	489	381	67	20-φ35	1230	700
	14"	350	889	603	527	413	70	20-φ38	1300	750
	16"	400	991	686	603	470	77	20-φ41	1450	800
18"	450	1092	743	654	533.4	83	20-φ44	1550	850	
20"	500	1194	813	724	584	89	24-φ44	1720	900	
24"	600	1397	940	838	692	102	24-φ52	1860	950	

ANSI Globe Valve 美标截止阀



标准

设计与制造按BS1873, ANSI B16.34
结构长度按ANSI B16.10
法兰链接尺寸按ANSI B16.5
压力温度额定值按ANSI B16.34
检验按API 598

Standards

Design and manufacture as BS1873, ANSI B16.34
Face to face dimensions as ANSI B16.10
End flange dimension as ANSI B16.5
Pressure-temperature ratings as ANSI B16.34
Pressure test as API 598

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	Ibf/in ²	MPa	Ibf/in ²	MPa	Ibf/in ²	MPa	Ibf/in ²
压力等级 (磅级) Pressure (Class)	150	3.1	450	2.2	315	2.2	315	0.5~0.7	60~100
	300	7.8	1125	5.6	815	5.6	815		
	400	10.3	1500	7.6	1100	7.6	1100		
	600	15.3	2225	11.2	1630	11.2	1630		
	900	23.1	3350	16.8	2440	16.8	2440		

主要零件材料 Materials for Main Parts

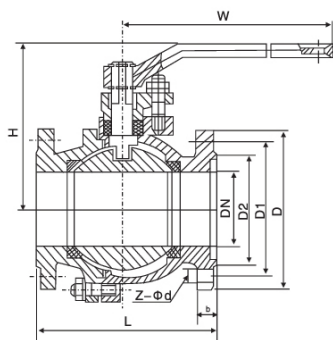
名称 Name	材料 Material								
阀体 Body 阀盖 Bonnet 阀瓣 Wedge	A216 WCB	A352 LCB	A217 WC6	A217 WC9	A217 C5	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
阀杆 Stem	A182 F6	A182 F304				A182 F316	A182 F304L	A182 F316L	
阀杆螺母 Stem Nut	ZcuAl10Fe3 Bronze								
手轮 Handwheel	KTH350-10								
螺栓 Bonnet Bolt	A193-B7 A320-L7 A193-B8								
螺母 Nut	A194-2H A194-7 A194-8								

ANSI Globe Valve 美标截止阀

主要连接尺寸 Main Connection Dimensions

型号 Type	型号规格 Size(mm)		尺寸 Dimension(mm)							
	inch	DN	L	D	D1	D2	b	z-φd	H	Do
H J41W-150Lb Y H J541W-150Lb Y H J941W-150Lb Y	1/2"	15	108	89	60.5	35	12	4-φ15	200	100
	3/4"	20	117	98	70	43	12	4-φ15	205	120
	1"	25	127	108	79.5	51	12	4-φ15	230	140
	1 1/4"	32	140	117	89	64	13	4-φ15	240	140
	1 1/2"	40	165	127	98.5	73.2	15	4-φ16	270	160
	2"	50	203	152	120.7	92	16	4-φ19	300	200
	2 1/2"	65	216	177.8	139.7	104.7	18	4-φ19	340	220
	3"	80	241	190.5	152.5	127	19	4-φ19	360	240
	4"	100	292	229	190.5	157	24	8-φ19	420	280
	5"	125	356	254	216	185.7	26	8-φ22	460	350
	6"	150	406	279	241.3	216	26	8-φ22	500	400
	8"	200	495	343	298.5	270	29	8-φ22	590	450
	10"	250	622	406	362	324	31	12-φ25	710	500
	12"	300	698	483	432	381	32	12-φ25	810	550
	14"	350	787	533	476.3	413	35	12-φ29	880	600
	16"	400	914	597	540	470	37	16-φ29	940	650
H J41W-300Lb Y H J541W-300Lb Y H J941W-300Lb Y	1/2"	15	152	95	66.5	35	15	4-φ15	220	120
	3/4"	20	178	117	82.5	43	16	4-φ19	230	120
	1"	25	203	124	89	51	18	4-φ19	260	140
	1 1/4"	32	216	133	98.5	64	19	4-φ19	280	140
	1 1/2"	40	229	156	114.3	73.2	21	4-φ22	300	200
	2"	50	267	165	127	92	22	8-φ19	330	240
	2 1/2"	65	292	190.5	149.4	104.7	25	8-φ22	360	240
	3"	80	318	210	168.2	127	29	8-φ22	400	280
	4"	100	356	254	200.2	157	32	8-φ22	450	320
	5"	125	400	279	235	185.7	35	8-φ22	500	400
	6"	150	444	318	270	216	37	12-φ22	540	450
	8"	200	559	381	330	270	41	12-φ25	670	500
	10"	250	622	445	387.5	324	48	16-φ29	770	550
	12"	300	711	521	451	381	51	16-φ32	855	600
	14"	350	762	584	514.5	413	54	20-φ32	920	650
	16"	400	864	648	571	470	58	20-φ35	970	700
H J41W-600Lb Y H J541W-600Lb Y H J941W-600Lb Y	1/2"	15	165	95	66.5	35	15	4-φ15	220	120
	3/4"	20	190	118	82.5	43	16	4-φ19	230	120
	1"	25	216	124	89	51	18	4-φ19	260	140
	1 1/4"	32	229	133	98.5	64	21	4-φ19	280	140
	1 1/2"	40	241	156	114.3	73	23	4-φ22	300	200
	2"	50	292	165	127	92	26	8-φ19	360	280
	2 1/2"	65	330	190.5	149.4	104.7	29	8-φ22	400	300
	3"	80	356	210	168.2	127	32	8-φ22	440	350
	4"	100	432	273	216	157	38	8-φ25	500	400
	5"	125	508	330	266.7	185.7	45	8-φ29	600	450
	6"	150	559	356	292	216	48	12-φ29	720	500
	8"	200	660	419	349	270	56	12-φ32	800	550
	10"	250	787	508	432	324	64	16-φ35	870	600
	12"	300	838	559	489	381	67	20-φ35	940	750
	11/2"	40	305	179	123.8	92	32	4-φ29	350	280
	2"	50	368	216	165.1	92	38.5	8-φ26	420	300
2 1/2"	65	419	244	190.5	104.7	41.5	8-φ29	450	350	
3"	80	381	241	190.5	127	38.5	8-φ26	470	400	
4"	100	457	292	234.9	157	44.5	8-φ32	550	450	
5"	125	595	349	279.4	185.7	51.0	8-φ35	650	500	
6"	150	610	381	317.5	216	56.0	12-φ32	750	550	
8"	200	737	470	393.7	270	63.5	12-φ39	850	600	
10"	250	838	545	459.9	324	70.0	16-φ39	1000	750	

ANSI Ball Valve 美标球阀



标准

设计与制造按BS5351, ANSI B16.34
结构长度按ANSI B16.10
法兰链接尺寸按ANSI B16.5
压力温度额定值按ANSI B16.34
检验按API 598

Standards

Design and manufacture as BS5351, ANSI B16.34
Face to face dimensions as ANSI B16.10
End flange dimension as ANSI B16.5
Pressure-temperature rating as ANSI B16.34
Pressure test as API 598

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	Ibf/in ²	MPa	Ibf/in ²	MPa	Ibf/in ²	MPa	Ibf/in ²
压力等级 (磅级) Pressure (Class)	150	3.1	450	2.2	315	2.2	315	0.5~0.7	60~100
	300	7.8	1125	5.6	815	5.6	815		
	400	10.3	1500	7.6	1100	7.6	1100		
	600	15.3	2225	11.2	1630	11.2	1630		
	900	23.1	3350	16.8	2440	16.8	2440		

主要零件材料 Materials for Main Parts

名称 Name	材料 Material								
阀体 Body 阀盖 Bonnet	A216 WCB	A352 LCB	A217 WC6	A217 WC9	A217 C5	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
球体 Ball	A182 F304					A182 F316	A182 F304L	A182 F316L	
阀杆 Stem	A182 F304					A182 F316	A182 F304L	A182 F316L	
手柄 Hand Handle	KTH350-10								
螺栓 Bonnet Bolt	A193-B7 A320-L7 A193-B8								
螺母 Nut	A194-2H A194-7 A194-8								

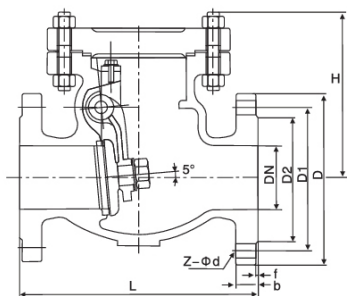
ANSI Ball Valve 美标球阀

主要连接尺寸 Main Connection Dimensions

型号 Type	型号规格 Size(mm)		尺寸 Dimension(mm)							
	Inch	DN	L	D	D1	D2	b	z-φd	H	W
Q41H-150Lb Q341H-150Lb Q641H-150Lb	1/2"	15	108	89	60.5	35	12	4-φ15	68	115
	3/4"	20	117	98	70	43	12	4-φ15	75	130
	1"	25	127	108	79.5	51	12	4-φ15	85	150
	1 1/4"	32	140	117	89	64	13	4-φ15	96	190
	1 1/2"	40	165	127	98.5	73.2	15	4-φ15	107	230
	2"	50	178	152	120.7	92	16	4-φ19	118	240
	2 1/2"	65	190	177.8	139.7	104.7	18	4-φ19	145	280
	3"	80	203	190.5	152.5	127	19	4-φ19	160	310
	4"	100	229	229	190.5	157	24	8-φ19	185	330
	5"	125	356	254	216	185.7	26	8-φ22	230	600
Q41H-300Lb Q341H-300Lb Q641H-300Lb	6"	150	394	279	241.3	216	26	8-φ22	260	800
	8"	200	457	343	298.5	270	29	8-φ22	310	1000
	10"	250	533	406	362	324	31	12-φ25	350	1200
	1/2"	15	140	95	66.5	35	15	4-φ15	72	115
	3/4"	20	152	117	82.5	43	16	4-φ19	75	130
	1"	25	165	124	89	51	18	4-φ19	85	150
	1 1/4"	32	178	133	98.5	64	19.5	4-φ19	95	180
	1 1/2"	40	190	156	114.3	73.2	21	4-φ22	110	230
	2"	50	216	165	127	92	23	8-φ19	120	240
	2 1/2"	65	241	190.5	149.4	104.7	26	8-φ22	120	280
Q41H-600Lb Q341H-600Lb Q641H-600Lb	3"	80	283	210	168.2	127	29	8-φ22	150	310
	4"	100	305	254	200.2	157	32	8-φ22	165	330
	5"	125	381	279	235	185.7	35	8-φ22	190	600
	6"	150	403	318	270	216	37	12-φ22	270	800
	8"	200	502	381	330	270	42	12-φ25	315	1000
	10"	250	568	445	387.5	324	48	16-φ29	380	1200
	1/2"	15	165	95	66.5	35	15	4-φ15	88	115
	3/4"	20	190	118	82.5	43	16	4-φ19	98	130
	1"	25	216	124	89	51	18	4-φ19	105	150
	1 1/2"	40	241	156	114.3	73.2	23	4-φ22	135	180
Q41H-600Lb Q341H-600Lb Q641H-600Lb	2"	50	292	165	127	92	26	8-φ19	155	240
	3"	80	356	210	168.2	127	32	8-φ22	175	280
	4"	100	432	273	216	157	38	8-φ25	210	330
	6"	150	559	356	292	216	48	12-φ29	340	800
	8"	200	660	419	349	270	56	12-φ32	400	1000
	10"	250	787	508	432	324	64	16-φ35	440	1200

ANSI Swing Check Valve

美标旋启式止回阀 ▶



标准

设计与制造按BS1868, ANSI B16.34
结构长度按ANSI B16.10
法兰链接尺寸按ANSI B16.5
压力温度额定值按ANSI B16.34
检验按API 598

Standards

Design and manufacture as BS1868, ANSI B16.34
Face to face dimensions as ANSI B16.10
End flange dimension as ANSI B16.5
Pressure-temperature rating as ANSI B16.34
Pressure test as API 598

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	Ibf/in ²	MPa	Ibf/in ²	MPa	Ibf/in ²	MPa	Ibf/in ²	
压力等级 (磅级) Pressure (Class)	150	3.1	450	2.2	315	2.2	315	0.5~0.7	60~100
	300	7.8	1125	5.6	815	5.6	815		
	400	10.3	1500	7.6	1100	7.6	1100		
	600	15.3	2225	11.2	1630	11.2	1630		
	900	23.1	3350	16.8	2440	16.8	2440		
1500	38.4	5575	28.1	4080	28.1	4080			

主要零件材料 Materials for Main Parts

名称 Name	材料 Material									
阀体 Body 阀盖 Bonnet 阀瓣 Wedge 摇杆 Arm 支架 Yoke	A216 WCB	A352 LCB	A217 WC6	A217 WC9	A217 C5	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M	
销轴 Arm Pin	A182 F6	A182 F304					A182 F316	A182 F304L	A182 F316L	
螺栓 Bonnet Bolt	A193-B7 A320-L7 A193-B8									
螺母 Nut	A194-2H A194-7 A194-8									

ANSI Swing Check Valve

美标旋启式止回阀 ▶

主要连接尺寸 Main Connection Dimensions

型号 Type	型号规格 Size(mm)		尺寸 Dimension(mm)							
	Inch	DN	L	D	D1	D2	b	z-φd	H	
H H44W-150Lb Y	1"	25	127	108	79.5	51	12	4-φ15	90	
	1 1/2"	40	165	127	98.5	73	15	4-φ15	115	
	2"	50	203	152	120.7	92	16	4-φ19	150	
	2 1/2"	65	216	177.8	139.7	104.7	18	4-φ19	160	
	3"	80	241	190.5	152.4	127	19	4-φ19	180	
	4"	100	292	229	190.5	157	24	8-φ19	220	
	5"	125	330	254	216	185.7	26	8-φ22	280	
	6"	150	356	279	241.3	216	26	8-φ22	340	
	8"	200	495	343	298.5	270	29	8-φ22	400	
	10"	250	622	406	362	324	31	12-φ25	460	
	12"	300	698	483	432	381	32	12-φ25	530	
	14"	350	787	533	476.3	413	35	12-φ29	580	
	16"	400	864	597	540	470	37	16-φ29	600	
	18"	450	978	635	578	533.4	40	16-φ32	650	
	20"	500	978	698.5	635	584	43	20-φ32	700	
	24"	600	1295	813	749.3	692	48	20-φ35	780	
	28"	700	1448	927	863.6	800	72	28-φ35	850	
30"	800	1524	984	914.4	857	75	28-φ35	920		
H H44W-300Lb Y	2"	50	267	165	127	92	23	8-φ19	170	
	2 1/2"	65	292	190.5	149.4	104.7	26	8-φ22	180	
	3"	80	318	210	168.2	127	29	8-φ22	210	
	4"	100	356	254	200.2	157	32	8-φ22	290	
	5"	125	400	279	235	185.7	35	8-φ22	290	
	6"	150	444	318	270	216	37	12-φ22	350	
	8"	200	533	381	330	270	42	12-φ25	430	
	10"	250	622	445	387.5	324	48	16-φ29	480	
	12"	300	711	521	451	381	51	16-φ32	550	
	14"	350	838	584	514.5	413	54	20-φ32	620	
	16"	400	864	648	571.5	470	58	20-φ35	650	
	18"	450	978	711	628.7	533.4	61	24-φ35	690	
	20"	500	1016	775	685.8	584	64	24-φ35	740	
	24"	600	1346	914.4	812.8	692	70	24-φ41	800	
	28"	700	1499	1035	939.8	800	86	28-φ45	860	
	30"	800	1594	1092	997	857	92	28-φ48	980	
	H H44W-600Lb Y	2"	50	292	165	127	92	26	8-φ19	190
2 1/2"		65	330	190.5	149.4	104.7	29	8-φ22	210	
3"		80	356	210	168.2	127	32	8-φ22	230	
4"		100	432	273	216	157	38	8-φ25	300	
5"		125	508	330	266.7	185.7	45	8-φ29	310	
6"		150	559	356	292	216	48	12-φ29	370	
8"		200	660	419	349	270	56	12-φ32	450	
10"		250	787	508	432	324	64	16-φ35	500	
12"		300	838	559	489	381	67	20-φ35	570	
14"		350	889	603	527	413	70	20-φ38	640	
16"		400	991	686	603	470	77	20-φ41	670	
18"		450	1092	743	654	533.4	83	20-φ44	710	
20"		500	1194	855	724	584	89	24-φ44	760	
24"		600	1397	1040	838	692	102	24-φ52	830	
H H44W-900Lb Y		2"	50	368	216	165.1	92	38.5	8-φ26	220
		2 1/2"	65	419	244	190.5	104.7	41.5	8-φ29	250
		3"	80	381	241	190.5	127	38.5	8-φ26	270
	4"	100	457	292	234.9	157	44.5	8-φ32	330	
	5"	125	559	349	279.4	185.7	51	8-φ35	350	
	6"	150	610	384	317.5	216	56	12-φ32	420	
	8"	200	737	470	393.7	270	63.5	12-φ39	490	
	10"	250	838	545	469.9	324	70	16-φ39	550	
	12"	300	965	610	533.4	381	79.5	20-φ39	630	
	14"	350	1029	640	558.8	413	86	20-φ42	680	
	16"	400	1130	705	615.9	470	89	20-φ45	720	
	18"	450	1219	785	685.8	533.4	102	20-φ51	750	
	20"	500	1321	855	749.3	584	108	20-φ54	800	
	24"	600	1549	1040	901.7	692	140	20-φ67	880	