

Каталог продукции Haway



По вопросам продаж и поддержки обращайтесь:

Алматы (7273)495-231
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89
Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Россия (495)268-04-70

Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Липецк (4742)52-20-81
Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Киргизия (996)312-96-26-47

Новокузнецк (3843)20-46-81
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Симферополь (3652)67-13-56
Казахстан (7172)727-132

Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
Тверь (4822)63-31-35
Томск (3822)98-41-53
Тула (4872)74-02-29
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Ярославль (4852)69-52-93

Show of the products

WENZHOU HAWAY VALVE CO., LTD

Haway valve are the leading valve manufacture of Ball valve, gate valve, globe valve, check valve, strainer and butterfly valve in china for 20 years.the valve size from 1/2"-56",pressure from 150L&-2500lb,our success come from threr key pointknowledge, experience and service.

Tech vaKre a full metal range of casting, forged steel, and stainless steel, for APIANSI, DIN,GOST and BS standard,we got CE, ISO9001,API6D..etc to ensure valves quaiity.the valves performance across all main Industrial application in power plant\$,oil and gas pipelines.petrochemical and chemical plants'we hav e good experience on project and package offers,thus we can save for clints aiot of time by give complete set of quotation for different type of valves, as well ds spare parts

We have agents and distributors located worldwide.to meet the increasing re-quirement of quick dellvertime^lease visit our website for more information and visit our company.thanks.



CONTENTS 目录

Floating ball valves

浮动球阀	01-10
Floating ball valves technical data	
浮动球阀技术参数	01
Floating ball valves applications and design feature	
浮动球阀应用与设计特点	02-04
Floating ball valves material specifications	
浮动球阀材料规范	05
ANSI Cast steel floating ball valves	
美标铸钢浮动球阀	06
ANSI Forged steel floating ball valves	
美标锻钢浮动球阀	07
DIN Floating ball valves	
德国标准浮动球阀	08-09
Floating ball valves flow data, torque form	
浮动球阀流量系数与力矩表	10

Trunnion mounted ball valves

固定球阀	11-25
Trunnion mounted ball valves technical data	
固定球阀技术参数	11
Trunnion mounted ball valves applications and design feature	
固定球阀应用与设计特点	12-14
Cast steel trunnion mounted ball valves material specifications	
铸钢固定球阀材料规范	15
Forged steel trunnion mounted ball valves material specifications	
锻钢固定球阀材料规范	16
ANSI Cast steel trunnion mounted ball valves	
美标铸钢固定球阀	17-19
DIN Cast steel trunnion mounted ball valves	
德国标准铸钢固定球阀	20
ANSI Forged steel trunnion mounted ball valves	
美标锻钢固定球阀	21-23

Trunnion mounted ball valves torque form	
固定球阀力矩表	24
Full port trunnion mounted ball valves flow coefficient Cv	
全通径固定球阀流量系数	25

High performance ball valves

高性能球阀	26-28
High performance ball valves applications and design feature	
高性能球阀应用与设计特点	26
High performance floating ball valves technical data and torque form	
高性能浮动球阀技术参数和力矩表	27
High performance floating ball valves	
高性能浮动球阀	28

Top entry ball valves

上装式球阀	29-31
Top entry ball valves applications and technical data	
上装式球阀应用与技术参数	29
Top entry ball valves material specifications	
上装式球阀材料规范	30
ANSI Top entry ball valves	
美标上装式球阀	31

Fully welded ball valves

全焊接球阀	32-35
Fully welded ball valves technical data and material Specifications	
全焊接球阀技术参数和材料规范	32
ANSI Fully welded ball valves	
美标全焊接球阀	33-35

Steel pipe flanges ASME B16.5

钢制管法兰ASME B16.5	36-41
-----------------	-------

Steel pipe flanges ASME B16.47

钢制瓶兰ASME B16.47	42
-----------------	----



FLOATING BALL VALVES 浮动球阀

Technical Data 技术参数

Size 公称尺寸: NPS1 -10 . DN25 - 250

Pressure Ratings 11 力等级: ClassISO-1500 . PN16-100

Body Materials 阀体材料:

ASTM : WCB(AIOS) . CF8 (304) . CF3 (304L) . CF8M (316) . CF3M (316L)

DIN : GS-C25(St50-2) . 1.4308(1.4301) . 14306 . 14408(1.4401) . (1.4435)

Design Standard 设计标准: DIN3356 . API 6D . ASME B16.34

Face to Face 结构长度: DIN EN 558 . ASME B16.10

Flanged Ends 法兰: DIN EN 1092 . ASME B16.5

Butt-welding Ends 对焊端: ASME B1625

Test and Inspection 试验和检验: ISO5208 . DIN3230 . API 6D . API598

Fire-safe Design 防火设计: ISO10497 . API 607 . API 6FA

Notes : The sizes of serial valve flange and butt-welding dimensions can be designed according to customer's requirement.

注: 系列_门法1扣对焊端尺寸可根据客户要求设计制造



Applications 成川

Ball Valve is widely used in such fields as petroleum refining, chemical industry, papermaking, pharmaceutical industry, food industry, water power; electric power city planning, steel, etc. Among them the sulphur-resistance serial ball valve is especially applicable for Natural Gas Long-Distance Transportation features containing sulphurate hydrogen medium, many impurity and serious corroding.

球阀被广泛的应用于石油炼制、化工、造纸、制药、食品、水力、电力、市政、钢铁等行业,其中抗硫系列球阀特别适用于含硫化氢介质、杂质多、腐蚀性强的天然气长距离运输管线。

Floating Ball Valves Design Feature

浮动球阀设计特点

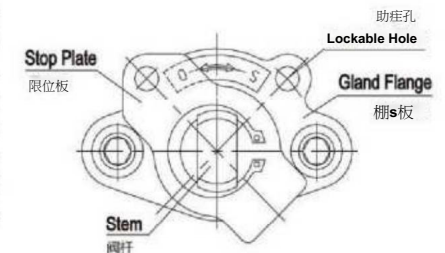
• Indication of Valve, s Open and Close Positions, with Locking done

球阀开闭位置指示与锁定

From the indication 'O' — 'S' on the Stop Plate is easy to be seen valves in the opened or closed position. When the Stop Plate on the "O" indication, the valve is in the fully open position; On the "S" indication, the valve is in the closed position. Locking holes are provided in the fully open or fully-close position of the valve to realize locking-up motion for safety should some incorrect operations happen to the valve caused by outdoor installation, maloperation by non-staff, or the valve easy of malfunctioning through the impact of the handle in the situation with intense vibration.

从限位板上指示的'O'—'S'能轻松辨认出阀门开启和关闭位置。当限位板指示在'O'时,阀门处于全开状态;而指示在'S'时,阀门处于关闭状态。

限位板安装在球阀上,以防止非工作人员误操作,以及为防止在有些振动较大的场合手柄受到撞击产生误动作。在阀门全开或



• Sealing Construction of Valve Seat 密封结构 阀座密封

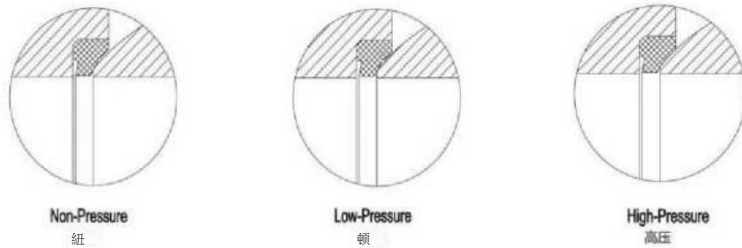
The elastic double-bevel seal ring is specially applied in designing the floating ball valve to reduce friction between ball and seal ring for the reduction of operation physical force. The contact area of the seal ring against the ball is small when the medium pressure is comparably small, therefore the relatively higher specific pressure of sealing would be featured for ensuring the positive sealing; while the area would be correspondingly increasing when the pressure is becoming larger. In this situation the seal ring can hold thrust force from the medium without being damaged, while the positive sealing state would certainly be maintained.



浮动球阀采用特殊的双斜面弹性密封E，有效降低^面和密封垫之间的摩擦力，减少了操作力矩。当介质压力较d副，密封ffl与球体接触面积较小，因此有较大的密封比压，能确保可靠的密封；而当介质压力较大时，密封圈与球体接触面积也相应增大，故密封圈能承受较大的介质推力而不会被拔坏，确保可靠密封。

For the ball valve applied in low-pressure, ultra-low-pressure or vacuum operating conditions, the specially-designed sealing construction of spring-loading valve seat would maintain the long-term reliable service of the valve, because the pressure from the medium applied itself could not ensure the positive sealing of the seat while the pre-tightening force would be unavoidably weakened after long-term performance.

对于低压、超低压或真空工况用球阀，因介质本身的压力不能确保阀座可ft密封，而预紧力长期使用后会衰减，特别设计的弹簧加载阀座密封结构，能确保门长期可靠使用。



• Auto-Decompression Construction | 自动泄压结构

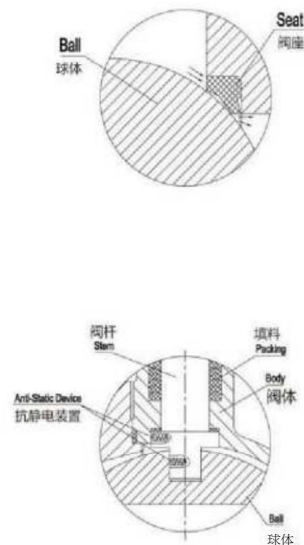
The medium in lumen would press the valve seat backwards through its own thrust force to realize auto-decompression for the safety of the Body if some abnormal pressure-rise should happen caused by the gasification of the liquid medium detained in the valve pocket from temperature rise.

当滞留于阀腔内的液体介质，由于温度升高易产生气化而使中腔压力异常升高时，中腔介质能依靠本身的推力推动阀座而自动泄压，确保阀体安全。

• Anti-Static Device 抗静电装置

The floating ball valve could be designed as anti-static device as required. When static are generated and concentrated on the ball, the spring-loaded pins installed on ball, stem are provided to ensure electrical continuity throughout the valve. The design works to prevent igniting combustible medium by static fire-striking for the system safety.

根据蕉要，浮动球阀可设计成抗静电装置S。当管线中产生静电并聚集在球体上时，装在球体和阀杆上的弹簧的销钉能保证将静电传递至整个阀门。这个设计为了避免静电打火点燃易燃介质，确保系统安全。



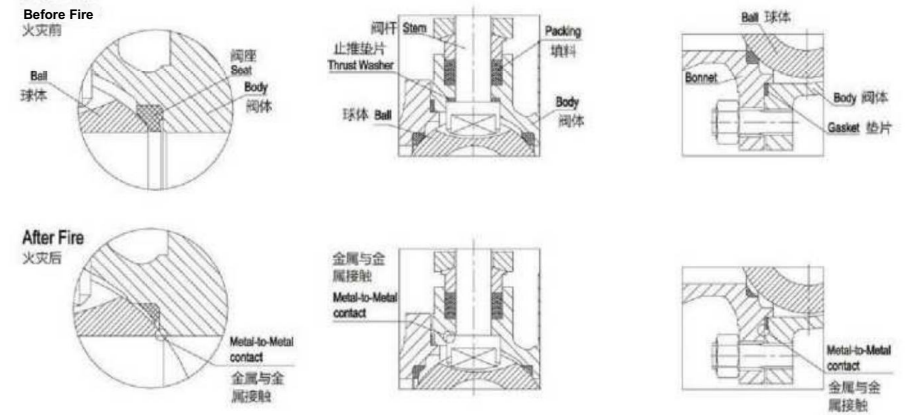
• Fire Safe Design 防火 Ktip

When non-metal sealing material are decomposed or deteriorated by a plant fire, the upstream line pressure pull the ball into contact with the metal seat lip beneath the soft seat to shut off the line fluid to minimize the internal leakage.

在工厂火灾环境中，当非金用密封材m滴漏分解或破坏后，管线中上游压力推动球体，向位于软密封座下面的金网阀座眉接触，从而切断流体，减少内部泄漏。

Additionally, the fire safe metal seat can prevent the line pressure erosion on soft seat and minimize soft seat creep deformation. As required by customers, kihsco floating ball valves fire safe is designed and test certified in accordance with API 607, API 6FA and ISO 10497.

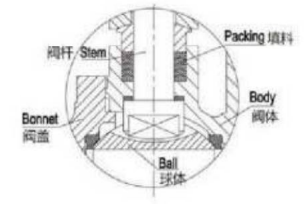
另外，防火金网阀座能预防管线压力对软密封座的侵蚀，减少软密封的变形。根据客户蕉求，旗胜浮动球阀的防火设计均符合API607, API6FA抑SO10497,将防火辦斷E。



• Stem anti-blow-out dexnces INM • 防峨出装7-

Backward sealing construction with lower-loading and sealing provided with the stem. The sealing force from the backward sealing process would increase in company with the medium pressure inside the valve pocket to maintain the sealing effectiveness of the Stem and ensure that the handle rush out if some abnormal lifting pressure should happen. The V-structure is also associated with the design of the loading material to effectively transfer both the medium pressure inside the pocket and the locking force on the external gland to the sealing force on the handle.

阀杆采用下装式，设置带有密封垫片的倒密封结构。倒密封的密封力随阀腔介质压力的增衰而增大，从而确保阀杆的密封效果。当阀腔异常升压时，阀杆不会被峨出。填料采用设计合理的V型结构，能将阀j空内部的介质力及外部压变的锁紧力有效地转化成阀杆的密封力。

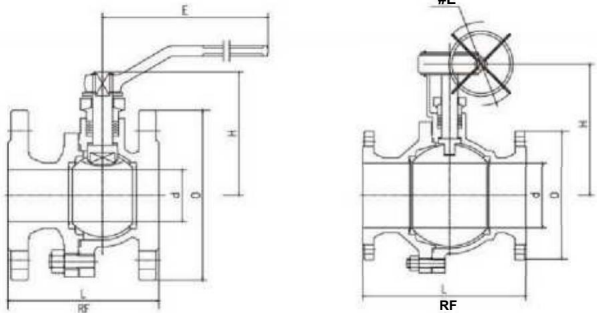
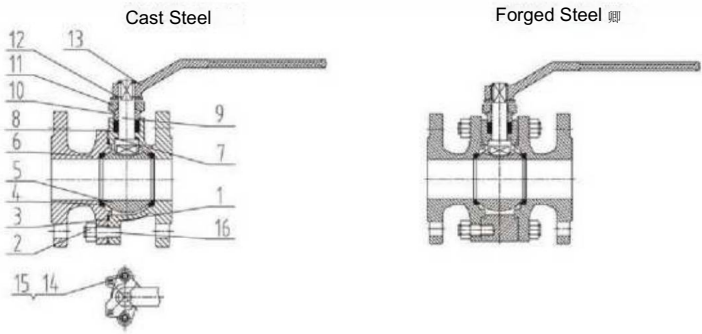




FLOATING BALL VALVES 浮动球阀

ANSI CAST STEEL FLOATING BALL VALVES

美标铸钢浮动球阀



Material Specifications 材料规范

NO. 序号	Part 零件名称	Materials 材料			
		Carbon Steel 碳钢		Stainless Steel 不锈钢	
		DIN	ASTM	DIN	ASTM
1	Body 阀体	(; S-C25 / StS«H2	A216WCB.2 Al<»5	I. 神 W/1.440I	A351 CF8M / AIK2 I'316
2	Nut 螺母	AI94 2H	A194 2H	AI94 HM	AI'MHM
3	Gasket 垫片	rrFE	PTFE	PTFE	I»TFE
4	SCM 阀座	PTFE	PTFE	PTFE	PTFE
5	Ball 球体	Sijii-2+ENP	Ati6*ENP	1.4401	A1W F316
6	Bonnet 阀盖	GS-C25 / St5(p»-2	A216 WCB AU6	I.44<WZ1.44IiI	A351 CF8M ' A182 F316
7	TliniM W.dk-r 阀杆垫片	PTFE	PTFE	PTFE	PTFE
8	likiiiU 填料	PTFE	PTFE	PTFE	[HTE
9	Stem Wif	X2«»CrI3	AIR2Ru	1.4401	A182 F316
10	Ghnd 填料 A 套	X2<»CrI3	A276 410	1.4401	A276 316
11	(Hand Fluge 填料压板	GS-C25	WCB	1.4-UW	A351 CFrIM
12	Stop PUtc 限位板	Spnng Steel	Spring Steel	Spntig Steel	Spring Steel
13	Lrvrr 手杯	cs 破铜	(X 相	<:s 破铜	cs 破铜
14	Screw if <T	cs 破钩	CMg 钢	A143 BKM	A193BWM
15	vprmg W whrr 作背势 fl	Spnlig Sreel	^nnng Sred	Spruig Sceel	Spnng 、 [erl
16	Bolt 螺栓	A193B7	A193B7	A193 BHM	A19.1U8M

Material Specifications 材料规范

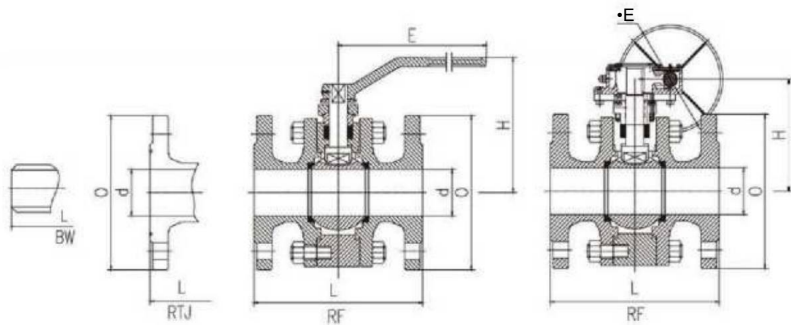
Dimensions and Weights 尺寸及重量 (Class 150, Class 300, Class 600)

Class压力级	NPS(in) 公称尺寸	Dimensions尺寸 / mm								Weight 重 磅/kg	
		L			0	E		H			
		d	RF	BW		Manual 手柄	Worm Gear 轂	Manual 手柄	Worm Gear 轂轮	Manual 手柄	Worm Gear 轂轮
Class 150	1	25	127	—	110	150	—	100	—	5	—
	IS	32	140	—	115	IHO	—	105	—	h	—
	1b	38	165	190	125	200	—	123	—	8	—
	2	51	t7«	21fi	150	250	—	130	—	11	—
	2S	<4	190	241	180	3(10	—	163	—	17	—
	3	76	203	282	190	35()	—	181	—	23	—
	4	1U2	229	305	2J<»	5<K)	.«6	232	脚	611	79
	6	1S2	394	457	2H0	MIO	305	307	碣60	82	HI2
	K	2<«3	457	521	us	Kxio	305	350	550	145	1«5
KI	254	533	559	4'>5	—	4<	—	706	—	2»»	
Class 300	1	25	165	—	125	150	—	做	—	6	—
	IS	32	17«	—	115	IHU	—	105	—	R	—
	IS	w	190	too	155	220	—	126	—	11	—
	2	51	216	216	1(估	250	—	140	—	16	—
	2S	64	241	241	190	3<KI	—	165	—	24	—
	3	76	2«2	282	210	350	—	183	M0	34	52
	4	1<12	JOS	305	255	5(10	3<«	235	3«0	5f>	76
	fi	152	403	457	32()	SCIO	3(6	510	4M0	I2S	163
	8	2<13	502	521	JHt)	IIKKI	305	35h	560	222	267
Class 600	1	25	216	216	125	3tK)	—	114	—	9	—
	IS	32	229	229	135	250	—	13»	—	13	—
	Ih	.w	241	241	151 ;	250	—	125	—	17	—
	2	51	292	292	165	300	—	156	—	25	—
	2S	M	330	330	rx)	350	—	172	—	42	—
	3	76	55ft	55ft	21«»	500	316	220	370	5ft	76
	4	1<12	432	432	275	做，	316	250	糊	85	125



ANSI FORGED STEEL FLOATING BALL VALVES

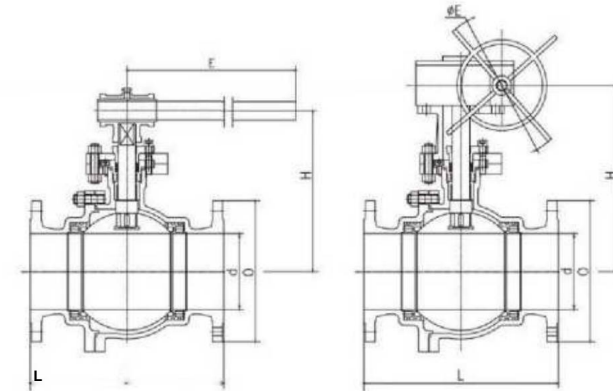
美标锻钢浮动球阀



Dimensions and Weights R.J.及1"R"II (Class 150 * Class 600)

Class压力级	NPS(in) 公称尺寸	Dimensions 尺寸 / mm										Weight 重 磅/kg			
		d	L			0	E		H		BW	RF. RTJ	BW	RF. RTJ	
			BW	RF	RTJ		Manual 手柄	Worm Gear 蜗轮	Manual 手柄	Worm Gear 蜗轮					
Class 150	1	25	—	127	—	110	ISO	—	95	—	7	s	—	—	
	U	32	—	140	—	115	1MI	—	UNI	—	9	...	—	—	
	1%	38	190	165	—	125	(10)	—	121	—	11	13	—	—	
	2	51	216	178	—	ISO	250	—	130	—	14	18	—	—	
	3%	64	241	190	—	1K1	3<NI	—	155	—	21	27	—	—	
	i	7A	2H2	203	—	m	350	—	175	—	33	19	—	—	
	4	102	•VI5	229	—	23»«	500	305	225	365	53	60	73	79	
	6	152	457	w	—	280	800	305	272	442	17ft	1W	1%	2/W	
	8	203	521	457	—	.145	1000	305	336	531	2H6	305	326	545	
	10	254	559	5.W	—	405	—	彻	—	6H5	—	—	41"	4/-1	
Class 300	I	25	-	165	—	125	150	—	95	—	7	9	—	—	
	IV.	32	—	17K	—	135	1MI	—	t<NI	—	9	12	—	—	
	IV:	3R	19D	19H	—	IS5	200	—	121	—	11	15	—	—	
	2	51	216	216	—	H6	250	—	130	—	14	19	—	—	
	2/fi	M	241	241	—	PMI	3<MI	—	155	—	24	35	—	—	
	3	76	2«2	2X2	—	210	350	—	173	308	36	4X	—	—	
	4	I»2	305	>6	—	2S5	500	305	225	365	5M	71	78	91	
	6	152	457	403	—	331	800	305	292	442	-	-	3*、	246	
Class 60C	8	203	521	5»I?	—	.W	1關	305	336	531	—	—	3.W.	3W.	
	1	25	216	216	216	125	2(ø)	—	110	—	10	15	—	—	
	I/h	32	229	229	229	135	200	—	116	—	12	1H	—	—	
	1½	3H	241	241	241	IS5	250	—	121	—	13	20	—	—	
	2	51	292	?2	295	165	3<W	—	152	—	16	21	—	—	
	2S	M	.W	330	333	190	350	—	(ø)	—	20	26	—	—	
	3	76	A56	3V.	559	2 in	500	3»5	216	566	59	il	59	71	
	4	1(1/2	432	432	435	275	6541	305	2-W.	W6	M	*r;	HM	119	

DIN FLOATING BALL VALVES 德标浮动球阀

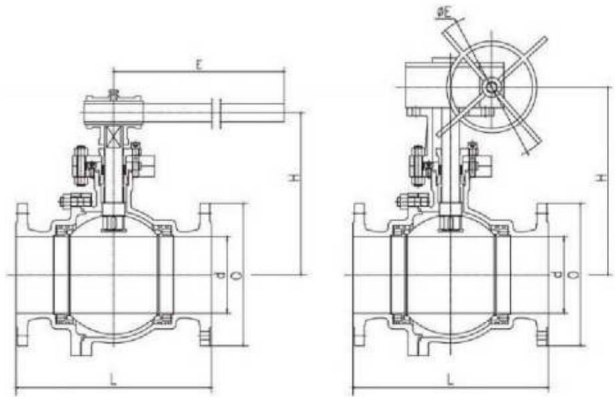


Dimensions and Weights R 寸及重量 (PN16 * PN25)

Class 压力级	NPS(in) 公称尺寸	Dimensions 尺寸 / mm								Weight 重量/kg	
		d	L	0	E		H		Manual 手柄	VtomGeert®^	
					Manual 手柄	VlbmGear 做	Manual 手柄	VlfarmGw 嘶			
PN 16	25	25	125	115	150	—	W	—	5	—	—
	52	^2	130	I'i	tRO	—	105	—	5.5	—	—
	40	38	140	I5«i	2(X)	—	126	—	7	—	—
	51»	51	150	1ft5	250	—	140	—	9	—	—
	65	64	170	IKS	3<X)	—	165	—	13	—	—
	»>	80	180	2/M	350	—	178	—	18	—	—
	100	1<«2	190	23»	50()	XIS	23()	3M)	3«	53	—
	15(»	152	350	2»5	IVN)	305	310	460	K2	102	—
	200	203	400	341	1000	305	350	550	145	1H5	—
	250	2M	450	*15	—	44NI	—	7<*»	—	2*>	—
PN 25	25	25	125	115	ISO	—	W	—	6	—	—
	32	32	130	140	IBTJ	—	105	—	8	—	—
	40	38	HO	ISO	2«)	—	126	—	11	—	—
	50	51	15"	165	250	—	142	—	16	—	—
	65	64	170	1X5	300	—	165	—	24	—	—
	用>	HO	IM>	2/fn	350	—	178	—	34	52	—
	100	1<>2	3(10	335	500	305	230	320	56	76	—
	150	152	351>	30i)	800	505	310	400	125	163	—
	200	203	柳	3«i	KKN)	^15	350	450	222	267	—
	250	254	•ISO	425	—	4Wt	—	706	—	280	—



DIN FLOATING BALL VALVES 德标浮动球阀



Dimensions and Weights 尺寸及重量 (PN40 - PN100)

Class 压力级	NPS(in) 公称尺寸	Dimensions 尺寸 / mm						Weight 重量 / kg	
		d	L	O	E		H		Manual 手柄
					Manual 手柄	Worm Gear 蜗轮	Manual 手柄	Worm Gear 蜗轮	
PN 40	25	25	125	115	150	—	99	—	6
	32	32	130	140	1H0	—	H6	—	7
	40	38	140	150	2(M)	—	126	—	9
	50	51	150	165	25<»	—	142	—	12
	65	M	17<»	185	300	—	165	—	18
	HO	HO	1Hf»	200	350	—	17H	330	28
	1(X1)	102	3<H>	235	5(X1)	3<«	230	3(W)	46
	15(1)	152	J;»	300	wx>	3(S	310	柳	106
PN63	20	20	120	110	150	—	99	—	R
	52	32	180	155	18(1)	—	H6	—	12
	40	5R	200	170	2f(0	—	126	—	14
	50	51	230	180	250	—	142	—	1H
	65	64	290	205	3(0	—	165	—	2fi
	xo	Hh	n«	215	350	—	17M	520	40
	KKI	1(12	350	250	500	3<»5	23H	340	65
	ISO	IS2	MID	Mi	HfKJ	5(6	275	4M)	140
PN 100	25	25	160	144	200	—	1H	—	9
	52	32	180	155	2(W	—	1211	—	13
	40	AR	2<H>	170	250	—	12S	—	17
	50	51	230	195	3(X)	—	156	—	25
	65	64	290	220	35(1	—	P2	—	42
	HO	Kh	Mi)	2^	500	305	23»	370	56
	100	1(12	35<»	265	650	305	250	400	«5

FLOATING BALL VALVES 浮动球阀

Test Pressure Specification 试验压力规范

- Pressure 压力
- Shell(Liquid)壳体(液体): 1.5 or more times the pressure rating for material at 38°C
- 按38°C材料确定的压力额定值的1.5倍以上
- Sealing(Liquid)密封(液体): 1.1 or more times the pressure rating for material at 38X
- 按38°C材料确定的压力额定值的1.1倍以上
- Low-pressure Sealing(Air)低压密封(气体): 0.4 ~0.7 (MPa)

Flow Data 流量数据

Flow coefficient of serial valves as shown in form. Cv denotes water under 1Lb/in² (0.007Mpa) pressure reducing +60°F (+16X1), washing valve USA gpm.
阀门流量系数如下表所示, 流量系数Cv值指水在1磅/英寸2 (0.007Mpa)下压力降为+60°F (+16X)时阀门的流量(加仑/分钟)



Valve Size 阀门型号		Cv(Us gal/min) {加仑/分钟}	
NPS (in)	DN (mm)	Reduced Port 端口	Full Port 全口径
s	15	9	—
1/2	38	19	5<»
1	25	45	11K
1 1/2	40	125	270
2	50	180	柳
3	60	A50	11M)
4	80	550	2200
6	150	765	511X)
8	200	1890	«脚
w	250	脚10	153X)
12	300	67110	2244KI
14	350	5HM>	ZTiiitK)
16	400	Rim	3MMKI
Iti	450	1KKNI	454NK)
2t»	500	16000	5WMK)

Torque Form 扭矩 (N.M'h 磅.米)

DN(mm) PN 11	25	40	50	65	80	100	150	200
16	10	16	25	SO	65	125	344)	■P/5
25	11	IR	30	60	ao	Mf)	44NI	6K0
63	50	NO	KMI	2no	3(10	400	—	—

^NPS(in) Class 1、2、3、4、6	1	1 1/2	2	2 1/2	3	4	6
150	H	16	25	50	65	125	410
300	26	3H	60	120	160	2W»	9IKI
400	50	90	140	2441	350	w	—
600	68	1.W	190	360	4M)	770	—

Noto: The dam in the form ju"t for rvfcnrIKc.注:表中找檐(供参考)



TRUNNION MOUNTED BALL VALVES 固定球阀



Technical Data 技术参数

Size 公称尺寸: NPS2-60. DN50-1500

Pressure Ratings 压力等级: Class150 ~ 1500 · PN16 -100

Body Materials 阀体材料: ASTM: WCB(A105) · CF8 (304) · CF3 (304L) · CF8M (316)
CF3M (316L)

DIN : GS-C25(St50-2) · 1.4308/1.4301. 1.4306. 1.4408(1.4401). (1.4404)

Design Standard 设计标准: D1N3356. API 6D. ASME B16.34

Face to Face 结构长度: DIN EN 558 · ASME B16.10

Flanged Ends 法兰: DIN EN 1092. ASME B16.5

Test and Inspection 试验和检验: ISO5208. D1N3230 · API 6D · API598

Fire-safe Design 防火设计: ISO 1049人 API 607. API 6FA

Notes: The sizes of serial valve flange dimension can be designed according to customer's requirement.

注: 系列阀门法兰尺寸可根据客户要求设计制造。

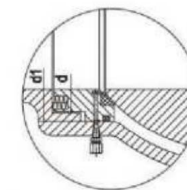
Applications 应用

The series of the fixed ball valve is widely used in such fields as petroleum refining, chemical industry, papermaking, pharmaceutical industry, food industry, water power, electric power, municipal engineering, steel, etc. Among them the sulphur-resistance serial ball valve is especially applicable for Natural Gas Long-Distance Transportation features containing sulphurate hydrogen medium, many impurity and serious corroding.

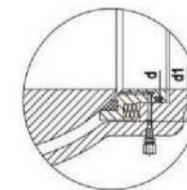
系列固定球阀被广泛应用于石油炼制、化工、造纸、制药、*品、水力、电力、市政、钢铁等行业。其中抗硫系列球阀特别适用于含硫化氢介质、杂质多、腐蚀严重的天然气长距离运输管线。

Trunnion Ball Valves Design Feature 固定球阀特点

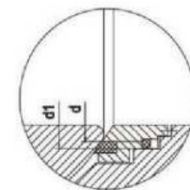
• Sealing construction of valve seat 阀座密封结构



Double-block-and-bleed
双阀座双排故



Bi-directional sealing
双向密封



Both seats bi-directional
双阀座双向密封

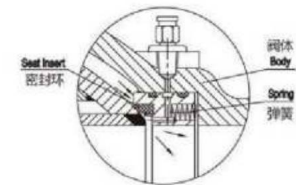
Trunnion mounted ball valve has all kinds of sealing construction. Our company produce Trunnion mounted ball valve as API6D designed, according to different working condition with different sealing construction.

固定球阀有各种各样的密封结构。我们公司是按照API6D设计生产固定球阀的，按照不同的工况采用不同的密封结构。

• Self-Relieving construction 自动泄压结构

When an abnormal rising of pressure appears in the internal body cavity, the single sealed-structure takes on the function of automatic pressure relieving, while the double-sealed structure can finish the job through an attached pressure-relieving device to the valve body.

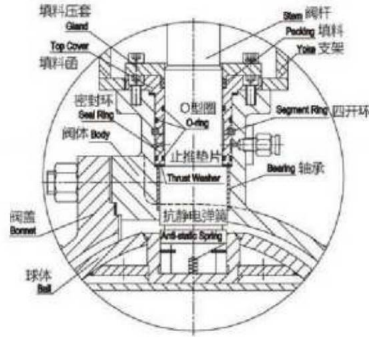
当阀腔内压力异常升高时，单密封结构具有自动泄压的功能，而双密封结构可通过阀体上安装泄压装置完成此功能。



• Anti-Static Device 抗你电装？7

Anti-static device is a standard feature of KihSCO ball valve. A spring-loaded pin assures the electrical continuity, between ball, stem and body, so as to avoid sparks during turning of the stem to open and close the valve, which could be dangerous in case of hazardous area installation.

抗静电装置是标准设计。阀杆上装有弹压接地塞钉，使球体、阀杆、阀体之间相接触，形成导通电路，可格电荷转移，从而避免阀门开关时摩擦产生静电积聚或流体冲击阀体内腔产生静电积聚。这种静电积聚在危险区域内的管线来说是极其危险的。



• Anti Blow-out Stem

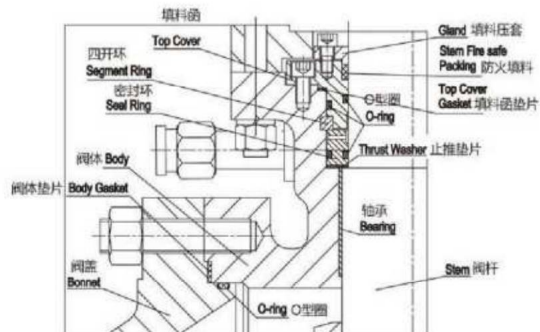
阀杆防爆设II*

The stem is made separately from the ball; The lower end of the stem is designed with an integral collar to be blow-out proof.

阀杆与球体是独立的。阀杆靠近球体的一端设有防撞结构。当发生火灾时，该防撞结构可挡住该T形阀杆，避免内腔压力泄出。

• Fire Safe Design 防火设计

• External Leakage Prevention 防 II: 外制



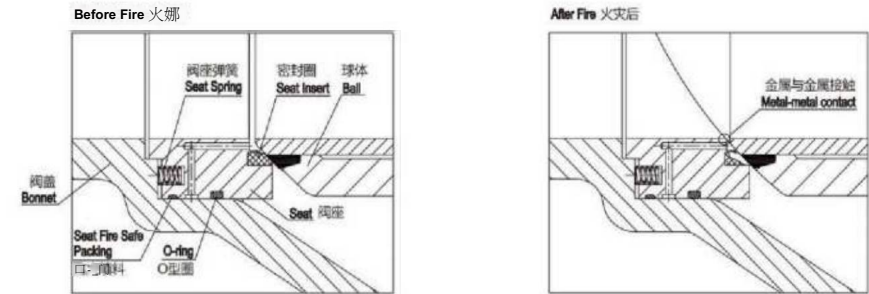
Leakage from the valve stem area is prevented by double sealing with double O-rings and gland gasket. Leakage through the valve body joint is also blocked by double sealing with O-ring and body gasket. After a fire has deteriorated O-rings, gland gasket, body gasket and stem fire safe packing are the measure that prevents fluid external leakage.

在正常情況下，雙O形圈加壓板墊片石墊片的设计可防止閥杆處的滲漏。O形圈加閥體石墊片也保證了閥體、網蓋連接部的密封。當火災發生時，O形圈因熔化的失效，此時壓變石墊片、閥體石墊片扣閥杆石墊謝稱承擔防止流体外泄功能。

• Internal Leakage Prevention 防 II: 内IH

When non-metal materials such as O-ring, seat insert and spacer are decomposed or deteriorated by fire, the edge of the metal seat preloaded by the seat spring comes into contact with ball to shut off the line fluid to minimize internal leakage through the valve bore.

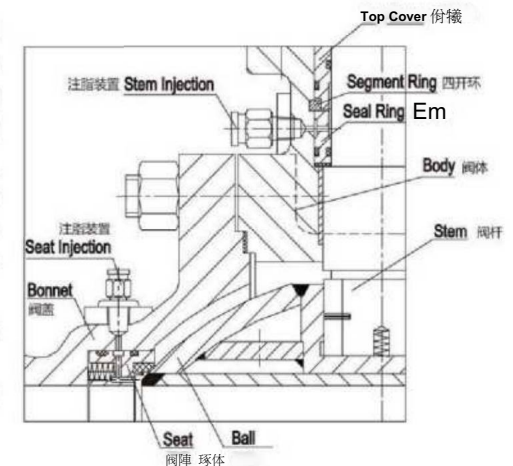
火災發生時，當非金屬材料如O形圈、閥座密封圈和擋圈被分解或熔化後，則金屬閥座邊緣在彈簧預緊力作用下將推向球體接觸而阻斷管線流体，最大程度减小閥門通道的內漏。



• Emergency Sealant Injection System 状态II: 防装？Z

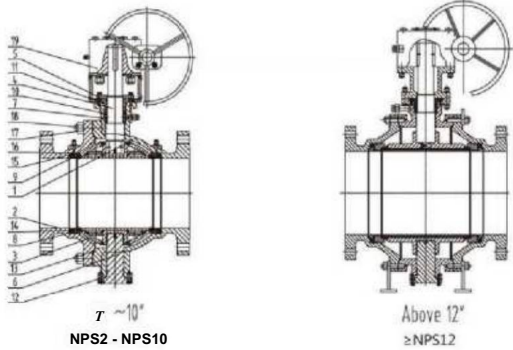
For 6 inch and larger KihSCO Trunnion mounted ball valves will be installed with a sealant injection fittings on both stem and seats. When the sealing materials (seat sealing or stem o-ring) are damaged or decomposed by fire or other accidental causes, leakage from the seat and stem can be prevented by injection of sealant into these fittings. Fittings also internally installed a second check valve to provide backup sealing.

NPS6和NPS6以上的旗胜固定球阀，阀杆扣阀座上均装有注射密封脂。密封材料(聚密封圈或垫圈)被火灾或其他意外事故破坏或分解时，向该注射器注射密封胶可阻止源自阀杆和阀座的泄箱，该装置内设一道止回阀起后密封作用。





CAST STEEL TRUNNION MOUNTED BALL VALVES
铸钢bM定球阀

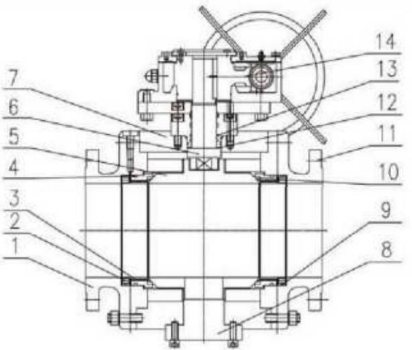


Material Specifications H H Mt ft

NO. 序号	Parts 零件名称	Materials 材料			
		Carbon Steel 碳钢		Stainless Steel 不锈钢	
		DIN	ASTM	DIN	ASTM
1	Body 阀体	GS-C25	A105 WCB	1.4404	A351 CF8M
2	Bonnet 阀盖	GS-C25	A216 WCB	1.4404	A351 CF8M
3	Ball 球体	AK6+ENI*	A105+ENP	1.4404H	A182 F316
4	Stem 阀杆	X20CW	AIK2 F6a	1.4401	A1K2 F.Mh
5	Top Cover 填料 A	SI5(2)-2	A105	1.4401	A1X2 F3<M
6	Bottom Cover 下轴	SI5(2)-2	A105	1.4401	A1K2 F316
7	Seal Ring 密封环	SI50-2	A105	1.4301	A1K2 F3(M
8	Seal 密封	S<5(2)-24ENP	A105+ENP	1.4404	A1WF5U.
9	Seal 密封	KITE	ITFE	1.4404	PTFE
10	Seal 密封	X3<Cr1S	A276 410	1.4-M*	A276 516
11	Top Cover (f.uket 填料函垫片	(; r>ph<e>3(H 石墨+3IM	(; r>ph<e>3(H 石墨+MM	Graphite 4-3(4 石墨+MM	< ; r.iphit<^3<H 石墨+304
12	Bottom Cover (faskci 下轴对	CJwphice+JkM 石墨+3<W	Gr>phHr^3<M 石墨+304	Graphite H-304 石墨+104	Grphit<^-.KH 石墨+3W
13	Seal 密封	Graphite 304	Gw>hiir-^3<H	(nphit<^3"4	Grphicr> VH
14	Seal Spring A 弹簧	Inconel X-750	Inroad X-750	Incond X-7JH	Inmd X^754>
15	O-ring O 形 HQ	VITON	VITON	VITON	VITON
16	Seal 密封	(wplute^JO4	Graj4iwr*.VM 石墨+304	<iraphi<^3<M 石墨+3<W	(Jnphit<^JkM 石墨+304
17	Nut 螺母	AI94 2H	AI^M2H	AVN8M	AI^M KM
18	Washer 垫圈	AI93B7	A193B7	AI^H DRM	AI95DRM
19	Actuator V 驱动 Jt	Awmbylil 分件	A>einbylil 合件	AMcmbylil 合件	AMMrmbylil 合件

Notes: Material specifications according to ASME B16.34 and API 607. Material selection should be based on service conditions.

FORGED STEEL TRUNNION MOUNTED BALL VALVES
锻钢W定球阀



Material Specifications MF4 规范

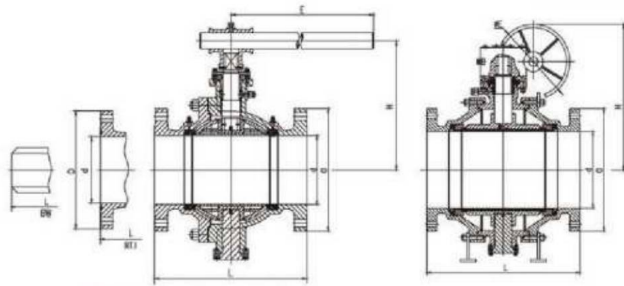
NO. 序号	Parts 零件名称	Materials 材料			
		Carbon Steel 碳钢		Stainless Steel 不锈钢	
		DIN	ASTM	DIN	ASTM
1	Bonnet SX	St37-2	Al6	L440I	AIH2 F.M6
2	Spring 弹簧	INCONEL X-75(2)	INCONEL X-750	INCONEL X-750	INCONEL X-750
3	Seal 密封	Sr50-2	AH6	1.44111	AIK2 P316
4	Seal 密封	NBK	NBR	NBR.	NBK
5	Ball 球体	SI50 2+ENP	AKB+ENP	1.4401	AIX2 F316
6	Stem 阀杆	XK<Cr13	A182 F6a	1.4401	AIX2 F316
7	Body 阀体	SI50-2	Al6	1.4401	A182 F316
8	Bottom Cover 下轴	S50—2	AH6	1.4401	AIX2 F316
9	Seal 密封	Graphite 4"MM 石墨+304	Graphite JFM 石墨+304	Graphite 304 石墨+加W	Graphite 3<H 石墨+304
10	Seal 密封	PTFE	PTFE	PTFE	PTFE
11	Bonnet 的 A	SI50-2	AK6	1.4401	AIK2F316
12	Thrust Washer 推力垫	316+PTFE+MoS2	316+PTFE+MoS2	316+PTFE-MoS2	316+PTFE+MoS2
13	O-ring 0形 IQ	NBR	NBR	NBR.	NBR
14	Actuator 驱动 Jt	Awmbylil 分件	Awmbylil 合件	A^cmbylil 合件	AMcinnytt 合件

Note: Material specifications according to ASME B16.34 and API 607. Material selection should be based on service conditions.



ANSI CAST STEEL TRUNNION MOUNTED BALL VALVE

无标铸钢W记球阀

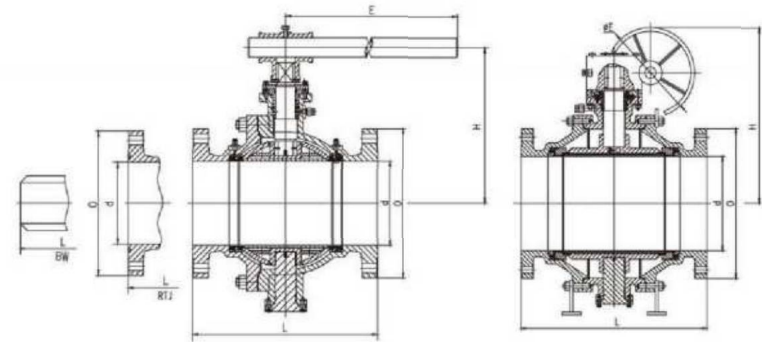


Dimensions and Weight* J之广及 (Class150 ~ Class300)

Class压力级	NPS(in) 公称尺寸	Dimensions 尺寸 / mm							Weights 重量 / kg		
		d	L			O	H	E		FTJ. RF	BW
			RTJ	RF	BW			Manual 手柄	WonnGeor 做		
Class 150	2	51	191	17H	216	150	161	6KI	—	IK	20
	3	76	216	203	2K2	190	189	6K	—	2K	34
	4	102	242	229	3K	250	214	914	—	52	4S
	6	152	*17	394	457	2*»	2f»5	914	—	91	102
	K	203	4711	457	521	345	319	—	457	194	2(M
	10	254	546	533	559	*»5	3fji	—	457	32D	295
	12	,5	623	610	W5	4XS	512	—	457	5灼	1W
	14	337	6W	6K4	762	535	537	—	6W	Mt3	55K
	16	5R7	775	762	83K	59S	572	—	610	7相	703
	IR	438	S77	864	914	65S	f»65	—	610	1(65	99R
	20	W)	927	914	WI	7* K)	705	—	457	1501	1252
	22	540	11NM	991	1092	750	742	—	457	1758	1592
	24	591	1080	*167	1143	ms	778	—	457	3)69	W32
	26	MI	—	1143	1245	H7O	H72	—	6141	2903	2540
Class 300	2M	692	—	1245	1.Wfc	*127	W7	—	610	3266	294K
	30	743	—	1295	1W7	984	*M9	—	610	4309	3992
	2	51	252	21ft	216	16S	161	61K»	—	25	20
	3	76	2W	2S2	2R2	21"	IR9	610	—	36	54
	4	102	321	305	3(6	255	214	914	—	57	45
	6	152	419	4UJ	457	.Un	265	914	—	113	H»2
	8	203	5IK	502	521	3MO	319	—	457	2)6	2K»M
	10	2M	5K4	568	559	445	369	—	610	340	295
	12	305	664	MS	635	52"	512	—	457	57S	499
	U	337	77X	762	762	5K5	537	—	610	b21	55S
	16	3K7	H54	R3W	K3H	650	572	—	610	7H2	70.1
	1ft	43H	9.Mi	914	914	7 tn	665	—	610	1225	99M
	20	489	loin	WI	WI	775	705	—	457	1542	1252
	22	540	11"	HK2	1111	K3K	742	—	610	IK37	1592
24	591	1U»5	1143	1143	915	778	—	609	2445	1932	
26	635	1270	1243	1245	972	R72	—	610	3005	25*1	
2H	6R6	1371	1346	1546	1035	907	—	610	3504	294H	
30	737	1422	1397	13V7	HW2	*AW	—	762	4536	3992	

ANSI CAST STEEL TRUNNION MOUNTED BALL VALVE

无标铸钢M定球阀



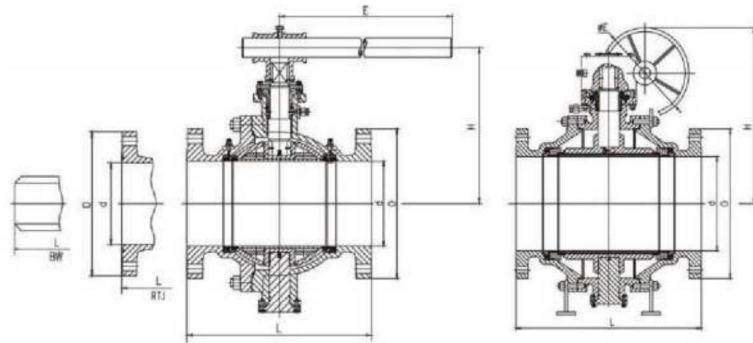
Dimensions and Weights Ji • I' M *Rht (Class600)

Class压力级	NPS(in) 公称尺寸	Dimensions尺寸 / mm								Weights 重罐/kg	
		d	L			0	H	E		RTJ, RF	BW
			RTJ	RF	BW			Manual 手柄	Worm Gear 罐		
Class 600	2	51	295	292	2^2	165	161	610	—	27	3i
	3	76	3>«	356	356	21<»	189	610	—	39	34
	4	102	435	432	432	275	214	914	—	75	45
	6	152	562	SW	559	555	265	914	—	163	102
	8	21M ,	610	660	MO	42(,	319	—	M"	295	3M
	10	24K	790	7S7	7«7	510	369	—	762	454	295
	12	29K	S4t	RW	838	560	512	—	457	6R5	4W
	14	327	W2	»	889	605	537	—	611	K66	558
	16	175	州	991	991	<1»5	f»29	—	457	11«9	*3
	IK	419	1«W5	1W2	1««2	745	664	—	61"	1340	州
	20	464	1200	1194	1194	X15	762	—	61«»	1860	1361
	22	5tl	1305	129.1	1295	870	801	—	610	2W	1792
	24	559	1447	ty7	1397	*MO	W7	—	762	2971	2155
	26	M3	1461	144X	144X	mi6	K72	—	*»14	3538	25441
	2K	64K	1562	1549	1549	H173	um	—	762	4509	5« tW
	30	W5	1664	1651	1651	1130	1(«3	—	762	5443	4137
	34	830	1«Mfi	1"nn	t9O	1245	1151	—	HJ67	7269	5579
	36	H74	2099	20«5	20M3	1514	1192	—	1007	8T , M	7fi31
	40	976	2171	20WI	2170	1521	1408	—	1W»7	12143	KMA3
	42	1U2(»	2175	2175	2175	1403	1449	—	1067	1.*35	"567
	4K	H66	2435	2435	2435	15«M	—	—	—	—	—



ANSI CAST STEEL TRUNNION MOUNTED BALL VALVE

美标铸钢W定球阀

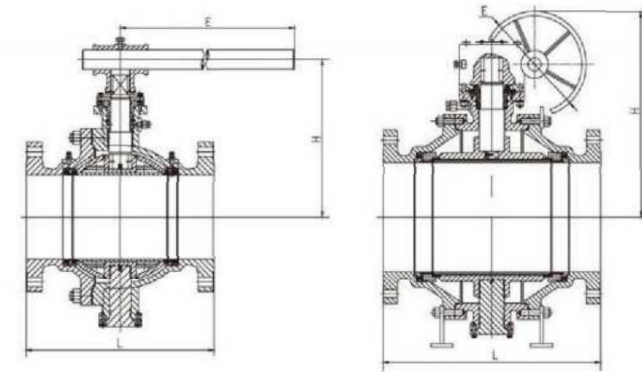


Dimensions and Weights RJ 及 (Class 900) Class 1500

Class 压力级	NPS(in) 公称尺寸	Dimensions 尺寸 mm								Weights 重 / kg	
		d	L			H	E		RTJ, RF	BW	
			RTJ	RF	BW		Manual 手柄	Worm Gear 蜗轮			
Class 900	2	49	571	36R	5GR	165	161	610	—	45	20
	3	74	3S4	3K1	3K1	240	IW	914	—	64	54
	4	1(X1)	460	457	457	290	248	—	457	113	86
	6	150	MA	61(I)	610	3RD	276	—	61(1)	1W	IH6
	R	201	740	737	7A7	470	Al«	—	7A2	549	26«
	10	252	841	R3A	838	545	470	—	457	601	45R
	12	303	湖	%5	邮	6in	512	—	61"	"21	612
	14	332	1039	I<»29	102")	640	643	—	610	1424	V77
	16	373	"40	113(1	11M	705	6S4	—	610	1H14	1111
	IH	423	11U	1219	1219	787	724	—	610	2404	1792
	3»	471	1334	1321	1321	«57	>W5	—	610	3221	ZW1
	24	57(1	15W	1549	1549	"MI	970	—	7<a	4763	2V2f
	30	712	VXQ	歸1	1880	1232	1<183	—	UW	7938	5216
	36	K55	2315	22K6	22K6	146]	1322	—	—	11612	793H
Class 1500	2	49	371	36S	JW»R	215	161	6111	—	45	20
	3	72	473	470	470	265	1X9	914	—	K2	54
	4	1(K)	549	546	540	311)	24H	—	457	136	86
	6	144	711	71J5	71a	395	276	—	762	324	1K6
	R	W2	H4I	X32	832	4K5	42X	—	457	703	4W
	IO	239	IFXM)	991	991	58a	5(»5	—	457	907	714
	12	2H7	1146	"30	1130	f175	54X	—	M"	1474	X2X
	14	At5	1276	t257	1257	750	M5	—	61(1	t905	1157
	16	360	1-H17	1384	1584	825	684	—	762	2449	I53K
	18	371	uw	1447	1537	915	K3K	—	762	脚>	2525
	20	416	1686	1664	1164	W5	H95	—	7<«2	43M>	2733
	24	49H	IH1O	I7R2	2043	1171)	<J7O	—	1219	7371	4264

DIN CAST STEEL TRUNNION MOUNTED BALL VALVE

德标铸钢W定球阀



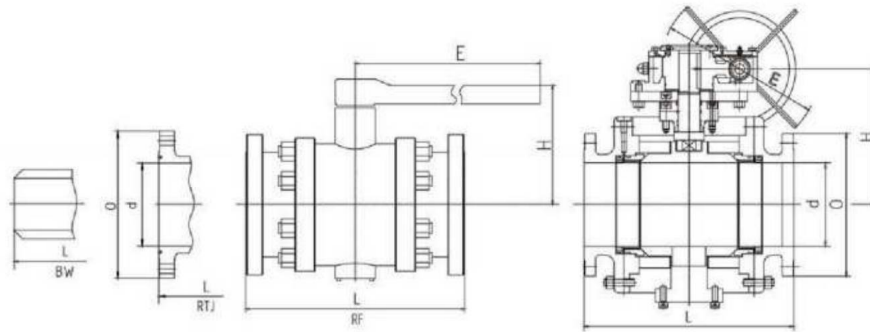
Dinicmiuns and Weills J'i 及 'RW (PN16 - PN100)

PN 16/PN 25																	
DN	50	65	80	100	125	15(1	KMT	250	300	35U	41W	450	分MI	600	700		
L	RF	179	191	203	229	w.	394	457	533	610	6Wi	762	846	914	1067	1245	
	BW	216	241	2R3	305	w	457	521	559	655	762	838	914	<WI	1143	1M6	
H		107	125	152	m	100	330	3W	495	580	625	670	6W	840	1050	1100	
E		230	柳	400	650	1"50	1(150	MX)	繡	H(N)	MM)	BOO	HN)	MN)	WM	HOO	
wt(kg)		12	16	22	35	5S	74	2<6	322	46h	»76	864	I2«o	1600	35411	4500	
PN 40																	
DN	50	65	81)	I<« I	125	I5(J	2fH»	25(>	3<N	3511	4(K)	45<)	500	MI	700		
L	RF	211	241	2»3	Ji 15	WI	403	5«>2	56N	MX	762	«W	9H	州	1143	1346	
	BW	21f>	241	283	Vi5	W	457	521	559	(M	762	838	9H	州	1145	I.U6	
H		1(17	I2S	152	17«	知10	33(1	39K	495	san	625	670	69K	840	1050	1100	
E		BO	砌	400	洁0	1"电>	1(3(3)	MMI	fiINI	SOD	MKI	800	M)0	800	9on	800	
Wt(kg)		IS	24	30	55	K7	IKK	255	370	533	MU	1(130	1542	2KHI	43	53<IO	
PN63																	
DN	so	(A	an	100	ISO	2<J0	25il	300	350	400	SOO	600	TOO	—	—		
L ~ 同折	292	330	356	406	495	597	673	762	826	902	1054	1232	I.W7	—	—		
H	IdK	155	197	235	MW	374	445	512	550	615	Rt<)	1010	II"i	—	—		
E	(10)	600	600	600	ftOO	職	HOP	800	脚	MK>	MX)	WM)	800	—	—		
Wt(kg)	23	35	49	91	192	355	640	脚	"IM	IMO	2W>»	5坤	5700	—	—		
PN 100																	
DN	5(1	65	HO	h« i	ISO	2(M)	25"	300	350	4(10	5(M)	600	7<M»	—	—		
L RF	y , 2	330	356	432	559	660	787	«3S	R89	991	119-1	1397	1779	—	—		
H	I<»8	IS5	197	IH	YN)	374	445	512	550	615	RtO	1010	IiW)	—	—		
E	MNI	MX)	MKI	咖	600	MMI	son	MNI	8<NI	MK)	800	咖	800	—	—		
WU(kg)	23	3H	55	1«2	232	290	710	%0	17<M>	197(1	325'i	5800	67<JO	—	—		



ANSI FORGED STEEL TRUNNION MOUNTED BALL VALVE

美标锻钢W定球阀

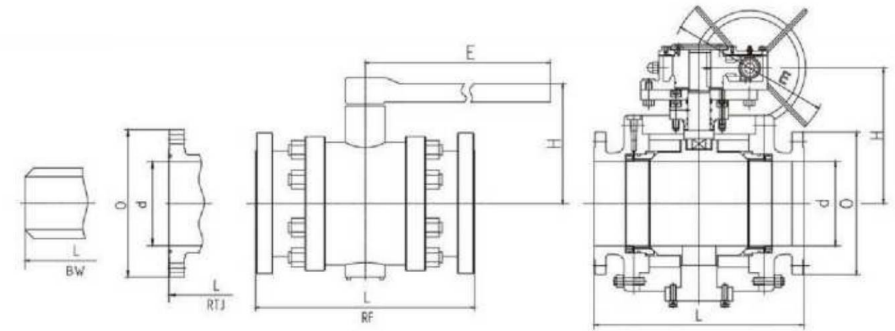


Dimensions and Weights Jij 及 RW (Class150 - Class300)

Class压力级	NPS(in) 公称尺寸	Dimensions尺寸 / mm								Weights 重量 / kg	
		d	L			O	H	E		RTJ, RF	BW
Class 150	2	51	191	178	216	150	118	530	—	23	17
	3	76	21ft	3>3	2N2	190	144	41«	—	45	38
	4	102	242	229	305	230	168	514	—	66	56
	6	152	407	394	457	280	2«2	—	350	240	200
	fl	203	470	457	521	545	519	—	350	390	W0
	to	254	546	533	559	405	362	—	M0	570	4WI
	12	305	623	610	M5	«W5	44 IM	—	J50	彻	66H
	14	537	699	6S6	762	535	44K	—	35<)	980	O,
	16	3B7	775	762	R38	5%	4K9	—	350	70	卿
	IX	43«	877	H64	9H	635	533	—	350	1640	1370
	20	4M	927	414	991	7CK)	573	—	350	22110	imn
	22	540	t(XM	W7	11192	750	647	—	6M	2730	2280
	24	591	mao	1067	1143	SIS	<«5	—	800	327"	273o
	26	G35	—	1145	1245	«7()	734	—	800	4140	3450
Class 300	2«	686	—	1245	1346	927	770	—	800	4740	3950
	30	737	—	1295	13M7	W4	XI>9	—	800	5670	47MI
	2	51	232	216	216	165	UK	370	—	2S	19
	3	76	2W	2"2	282	210	144	568	—	53	40
	4	102	321	305	3<i5	255	IM	664	—	77	58
	6	152	419	*3	457	32()	2H2	—	3S0	25(^	210
	K	加	51H	502	521	3HO	319	—	350	柳	,WO
	10	254	584	56K	559	445	370	—	350	(10)	500
	12	305	664	MS	M5	53	4J7	—	350	X20	6MI
	14	337	778	702	762	5K5	448	—	350	1«10	860
	16	3H7	854	K38	B3N	650	4K9	—	330	1220	兼
	IK	43M	93<)	«14	«H5	7in	56K	—	600	77(>	1430
	3)	4tW	1010	州	W7	775	541	—	800	2310	1930
	22	S40	HU	H»2	19^2	KAH	M9	—	H00	2K6O	21911
Class 600	24	591	1165	1143	1143	914	6«5	—	«00	3430	2R6U
	36	635	1270	1345	1245	V72	75H	—	600	4340	3G2I,
	28	686	1371	1346	1346	1«35	794	—	600	4960	41411
	30	737	1422	13*17	1397	1092	X33	—	600	朔	4

ANSI FORGED STEEL TRUNNION MOUNTED BALL VALVE

美标锻钢W记球阀

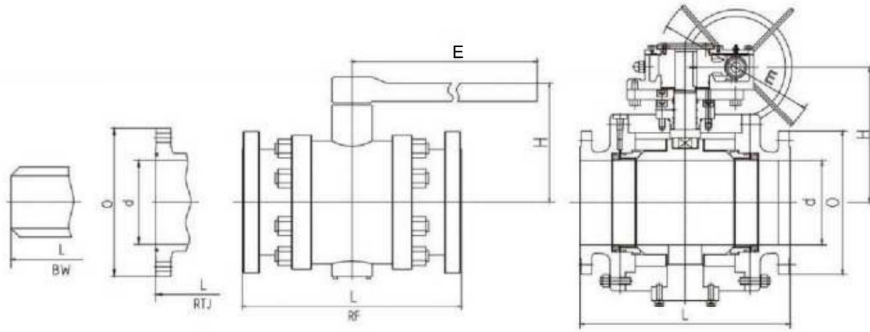


Dimensions and Weight! J'及 IIV\Clasi600)

Class压力级	NPS(in) 公称尺寸	Dimensions尺寸 / mm								Weight 重懂/kg	
		d	L			O	H	E		RTJ, RF	BW
Class 600	2	51	295	292	292	165	11H	430	—	27	20
	J	76	359	356	356	210	144	668	—	59	42
	4	W2	415	412	432	275	16R	764	—	101	72
	6	152	562	559	559	ASS	2W	—	35()	510	260
	R	2110	W13	660	66D	420	327	—	35"	5<M>	420
	10	24»	790	7X7	7«7	MO	370	—	35(J	740	620
	12	29K	H4I	838	R3H	560	419	—	350	HW	咖
	14	527	»W2	賴	K«9	MIS	44M	—	5511	1270	I«16O
	16	375	994	州	991	685	524	—	600	1520	1270
	IK	419	1095	1092	K«2	745	57n	—	BOO	21冲	17H1»
	20	464	1200	1W	1194	815	MM	—	MM)	2880	24<IO
	22	511	1305	129S	1295	H7O	673	—	600	5570	29Hh
	24	55)	1*17	1ym	1357	<MO	709	—	6m	42W>	S57U
	26	MI3	1461	144S	1448	1"16	782	—	finn	5430	4530
	2«	MR	ISfi?	1549	1549	UI75	R1S	—	om	6210	MXh
	30	695	1664	1h5I	1651	1130	H57	—	600	7450	6210
	32	779	1794	177S	1778	IIV4	896	—	600	JW70	7湖
	34	R30	1446	1W	1930	1245	944	—	MIO	10360	864"
	36	R74	21rw	2083	2(<3	1314	WI	—	60()	12OHO	"1070
	40	976	2170	2080	217"	132!	1(*)6	—	600	1M2O	12H5O
	42	1020	2175	2175	2175	I-MI3	113M	—	1200	18180	IM5O
	4H	1166	2435	2435	2435	1594	1297	—	—	25260	21051)

ANSI FORGED STEEL TRUNNION MOUNTED BALL VALVE

无标锻钢W定球阀



Dimensions and Weights R 及 hl (G)a<9(10 * Class500)

Class压力级	NPS(in) 公称尺寸	Dimensions 尺寸 / mm								Weights 重錘 / kg	
		d	L			O	H	E		RTJ, RF	BW
			RTJ	RF	BW			Manual 手柄	Warm Gear 撇		
Class 900	2	49	371	36K	36H	215	125	560	—	59	35
	3	74	3H4	3KI	3H1	215	155	91()	—	«5	72
	4	101	柳	4S7	457	290	243	—	MX)	177	160
	6	151	613	bIU	613	316	316	—	350	390	33(1
	H	201	740	737	737	470	350	—	350	64"	54(1
	10	252	M	X38	83H	545	592	—	35<	%0	WMI
	12	306	氣糊	«65	965	610	440	—	350	1331)	1110
	14	322	1039	1029	1129	641	4W	—	600	IMII	1370
	16	373	"40	"30	"30	7f»	541	—	MX)	19K0	1650
	IX	423	1232	1219	1219	7H5	FWX	—	脚	277(1	23UI
	20	471	1334	1521	1321	HS5	666	—	«00	37441	3120
	22	522	—	—	—	—	717	—	MW1	4640	3H70
	24	571	1568	154V	1549	I'M0	77M	—	800	5660	4640
	26	617	—	—	—	I"86	«27	—	供X)	705"	58SH
	28	665	—	—	—	1168	869	—	卿	8070	6730
Class 1500	2	49	571	368	3M	215	125	610	—	5X	33
	3	72	473	470	47<»	265	IHS	—	300	un	KI
	4	101	549	546	546	310	237	—	600	181	160
	6	144	711	71»5	705	MS	355	—	350	柳	390
	8	192	842	832	832	4S5	*12	—	A50	760	640
	10	2M	t<M)	WI	991	5S5	467	—	撇	1150	960
	12	2H7	1146	"30	"30	675	4M	—	554)	1590	"3"
	14	31S	1276	1257	1257	750	609	—	600	IWI	1640
	16	3AH	1406	13R4	I3H4	H25	67»	—	卿	237«i	1980
	IR	371	14W	1477	1537	915	701	—	MX1	382(>	2770
	2H	416	1686	1664	1664	985	K60	—	湖	374n	374n
	22	457	—	—	—	—	927	—	600	iSMi	4640
	24	4W	IKin	17X2	2«W3	"70	973	—	€00	667"	356H

TRUNNION MOUNTED BALL VALVE IM定球阀

Test Pressure Specification HUUU : 验视范

Pressure 压力

Shell (Liquid)壳体(液体): 1.5 or more times the pressure rating for material at 38°C

按38°C材醃定的压^額定錘LS倍以上

Sealing (Liquid)密封(液体): 1.1 or more times the pressure rating for material at 38°C

按38°C材料醃定的压力額定值的1.1倍以上

Low-pressure Sealing (Air)低压密封(气体): 0.4 - 0.7 (Mpa)



DIN Torque form 德标力矩表 (N.M/脱柴)

DN(mm)	50	65	80	100	150	200	250	300	350	400	500	600	700	BOO
PN														
16	25	5"	65	125	3-MI	485	810	1310	1910	2M60	5860	«1	13320	240(10
25	>1	MI	MI	140	400	680	"40	IK70	27441	415<>	7*w>	132U'	19830	35431
40	50	HN>	150	250	5B5	9%	I6M0	2MM)	4110	(i.VNi	12000	20 Wn	Vifi7n	55310
63	Im	200	300	400	890	154*1	2560	4290	6320	, J750	IS660	31KJI	wi , 2n	S6K3<»
100	IW	3«I	460	77<)	1_	32W>	5250	7200	*w>	145tN>	*MNN"	42500	5WMN)	K3NNI

ANSI Torque form 龙W;力矯衣(N.M1 • 頓.求>

DN(mrr>)	2	Th	3	4	6	8	10	12	14	16	20	24	28	32
PN														
150	25	55	W)	12S	4(in	701)	"no	1750	2NKI	3«	mtn	OSIM>	U50II	21IMII
300	ftO	120	160	2Ki	950	155n	2000	5300	50HI	7500	1440*1	WIO	28200	29^m
600	I9O	360	4MI	7711	I9«(i	32*1	5250	72(M)	9860	1450()	妙卵i	425110	sflonii	6201M)

Nota: Tlw iLiu hi the fi>nu 註: 表中数据仅供参考



TRUNNION MOUNTED BALL VALVE 固定球阀

• Full Port Trunnion Mounted Ball Valve Flow Coefficient Cv 全通径固定球阀 W系数 Cv

NPS(in)	Cv (Usgal/min)加仑/分					
	Class 150	Class 300	Class 600	Class 900	Class 1500	Class 2500
2	404	抓	360	321	321	2<4
3	1004	1021	937	906	H16	456
4	213)	2096	18011	1750	16*12	1014
6	5040	5«74	4577	*383	3638	2S0B
R	9318	9337	H949	M76	7(X15	5276
10	14H57	14X57	145K6	14139	"356	8377
12	2iMI	2IXI»2	2IWJ2	21186	16931	12247
14	26K13	26915	細S	23393	2(1535	—
16	36022	36099	36i W	J3470	27586	—
18	46M4I	466X5	466K5	43H«2	36312	—
2(1	5HK7O	5W7II	5JW7O	54K86	4M1.W	—
24	«6州	蔽WI	H6M9I	*1230	6K5ft3	—
26	101050	IOinjh	1"脚》	9575S	833"W	—
28	"RMX	11M64X	11H64A	112(150	97H47	—
30	"77W	1577 W	1377W	128960	115180	—
3ft	198954	IW954	IW954	1W910	—	—
40	250510	2505**	250510	—	—	—
42	2742<in	2742<n»	2742<X»	—	—	—
46	33<脚	3>糊,	33<»6W>	—	—	—
48	360S4O	36OS44I	360840	—	—	—
5ft	*W257O	49257H	492570	—	—	—

• Method of Calculating How 灯流: N 系数的 A • 法

The Flow Coefficient Cv of a valve is the flow rate of water (gallons/minute) through a fully opened valve, with a pressure drop of 1 psi across the valve. To find the flow of liquid through the valve from the Cv, use the following formulas:

流量系数Cv值是指水通过一个全开且其压力降为1psi的阀门时的流量(加仑/分钟)。使用以下公式可计算Cv®:

$$Cv = 2.9 \sqrt{Q / \Delta P}$$

In formula Cv—Flow Coefficient (Usgal/min) . i/ftM系数

qv—Volume Flow (Usgal/min);液体的流量

Ap—Pressure Drop (lbf/in2);通过阀门的压力差

G—Opposite Density of Water= 1 指定液体的比重

$$\Delta P = \frac{f L Q^2}{2 g D^5}$$

In formula Ap—Pressure Drop (lbf/in2);通过阀门的压力差

f—Resistance Value ;阻力值

p—Liquid Density (kg/mm3)液体的密度

u —Liquid Average Flow Velocity inside Pipe (mm/s)在管道里液体平均流速

HIGH PERFORMANCE BALL VALVES 高性能球阀



Sealing materials are made of heat resistant materials, these valves are ideal for heated abrasive service which conventional soft seated ball valve can not perform in due to the its limitation of heat resistance and mechanical properties.

密封材料都是由耐热材料制成的,这些阀门对于那些具有热冲刷工况说是比较理想的。因为对于那些热冲刷工况而言,常规的软密封球阀由于自身的抗热性能和机械性的限制而不能胜任。

High Performance Ball Valves Design Feature 高性能球阀设计特点

• Seating Material 座圈材料

13Cr seats with nitriding coated and 17-7 PH seat spring. Maximum working temperature is 450°C. Rigid construction and fully metallic contact between ball and seat. Ideal for high abrasive and throttling service.

表面氮化处理13Cr座圈及17-7PH阀座弹簧。最大工作温度是450X。球和阀座之间的耐性结构扣合金接触对于那些高冲刷和节流的工作是理想的。

• High Temperature Service 高温工况

Conventional soft seated material is limited up to temperature 200°C as it may soften, degrade or melt in high temperature while high performance valve provides a greatly extended range of temperature up to 450°C.

常规软密封座圈材料被限制在200°C以内,因为那些材料在高温下可能被软化、性能降低或熔化。而高性能阀门使用温度范围可扩大到450X。

• Unconditional fire safe provision 无条件防火安全设计

Because KihSCO high performance ball valve sealing components (seats, ball, gasket and packing) are made of all hard faced metal or graphite which is extremely heat resistant, so that it is unconditional fire safe design. Also conventional anti-static device is not required because of inter-component electric conductivity

因为旗胜的高性能球阀密封组件(阀座,球,垫片和填料)都是防火性能极佳的_金发或石墨材料制成,所以都是无条件防火安全设计,同时,常规的防静电装置是不需要的,因其内部组件都是导电体。

• Sealing and Torque Performance 密封和扭矩性能

KihSCO high performance ball valve can meet soft seated leakage criteria for fluid service. Advanced seat design offers low operation torque at full pressure rating. It is suitable for high temperature steam or gas service.

旗胜高性能球阀能达到软密封阀门的泄露等级。先进的阀座设计在额定压力下提供较低的操作扭矩。适用于高温蒸汽或气体介质。



HIGH PERFORMANCE FLOATING BALL VALVES AM 能浮动球阀

Test Pressure Specification HJii验规范

Pressure 压力

Shell (Liquid) 壳体 (液体): 1.5 or more times

the pressure rating for material at 38°C

按38°C材料确定的压力额定值的1.5倍以上

Sealing(Liquid)密封(液体): 1.1 or more times

the pressure rating for material at 38°C

按38°C材料确定的压力额定值的1.1倍以上

Low-pressure Sealing (Air) 低压密封(气体): 0.4~0.7(MPa)



Technical Data 技术参数

Size 公称尺寸: NPS1-8

Pressure Ratings 压力等级: Class150~300

Body Materials 阀体材料: ASTM: WCB(A105) · CF8 (304) · CF3 (304L) · CF8M (316) · CF3M (316L)

Design Standard 设计标准: API 6D, ASME B16.34

Face to Face 结构长度: ASME B16.10

Flanged Ends 法或: ASME B16.5

Test and Inspection 试验扣检验: ISO5208, API 6D, API598

Drive Means 驱动方式: Manual, Electric Actuator, Pneumatic, Actuator

Notes: The sizes of serial valve flange dimension can be designed according to customer's requirement

注: 系列阀17法兰尺寸可根据用户需求设计制造。

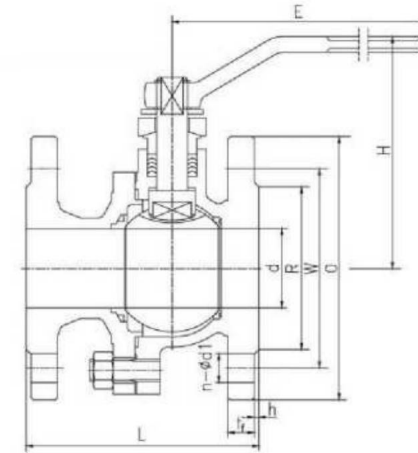
Torque form 力矩表 (N.M/牛·米)

Class	150	300
1	33	35
2	66	72
3	131	140
4	200	2A5
5	290	340
6	78h	砌
7	tsoo	1780
8	435>	4985

Na(c^): Tlir <Ltj in thr ti>rm jmm lhr fdrrrr r.

Material Spccification 规格 材料

Parts 零件名称	Materials^ 料	
	Carbon steel 吸钢	Stainless Steel 不锈钢
Bonner 叫 JL	A216 WC : U	A351 CFMM
Body 阀体	A216 WCB	A351 (: 圖
Ikil 球体	St5eH2+Cr	St5(H2+Cr
Swm 杆	A1K2R>	A182 RM' 、
Srjc Invert 密封明	A182 Rm	A182 F316
Parking 填件	PTFE/Hcxiblc Crjphitr	PTFE/Hcxiblc Cniphrr
Spntig 律*	liKoncl X-750	Incond X-750
Bok 螺拧	A193 B7	A193 HRM
Nut 螺母	A194 2II	A194 KM



Dimensions and Weights K.J* 及 ht (ClassISO — Clas300)

Class 压力级	NPS(In) 公称尺寸	Dimensions 尺寸, mm										Weight 重量/ kg
		d	L	O	W	R	If	h	n-<pd1	E	H	
Class 150	1	25	137	"(1	794	50.8	9.6	2	4-^16	2m	95	6
	作	3K	165	125	9e.4	73	12.7	2	4-4>16	250	124	11
	2	51	17K	ISO	12U.7	92.1	14.3	2	4-小 19	3(10	136	14
	2%	64	190	1H(I	139.7	104.K	15.9	2	4-小 19	湖,	157	23
	3	76	» , 3	19(1	152.4	127	17.5	2	4- \$19	360	164	30
	4	102	229	230	19*1.5	157.2	22.3	2	K- d> 9	44N)	250	53
	6	152	394	2Wi	2413	215.9	23.9	2	8-4>22	MJO	310	13<i
	8	203	457	345	2W.5	2W	27	2	X-< >22	"W	388	202
Class 300	1	25	165	125	88.9	50.8	15.9	2	4-小 W	2m	95	6
	1%	A8	190	155	1143	73	19.1	2	4-< >22	300	124	11
	2	51	216	165	127	92.1	20.7	2	8-小 19	350	136	14
	2%	M	241	19(1	149.2	104.R	21.9	2	S-< >22	44N>	157	23
	3	76	2M2	210	16S.3	127	27	2	« 4>22	45e,	169	30
	4	1<>2	305	255	2MI	1572	30.2	2	S-4>22	C(10	250	58
	6	152	mM)3	52(1	2W.9	215.9	35	2	12-A22	9IN1	310	117
	8	203	502	3K)	330.2	269.9	39.7	2	12 4>255	1(N10	38H	220



TOP ENTRY BALL VALVES 上装式球阀

Applications 应用

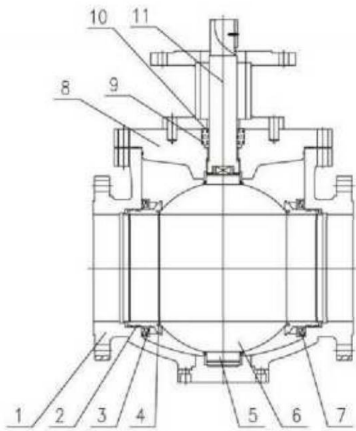
The top entry trunnion supported design and unique seat retraction technique gives the convenient of inline repair or replace valve internal components without dismantling it from pipe line.

Each ball seat shuts off the line fluid independently on the upstream and downstream side, so this series ball valves are suitable for double block and bleed application. Secondary sealant injection system for stem and seat is provided for emergency stop of accidental seat or stem leakage.

They are applied to chemical engineering, oil, natural gas, metallurgy, pharmacy, food industry, environment protection and city building industries, etc.

上装式固定式的结构设计和阀座可更换技术使该类型阀门能实现在线修理、更换，无须将阀门从管线上拆卸。

由于该球阀两球座均可独立阻断管线上下游流体，所以，此系列的球阀可实现双阻断及双排放功能。此外，注射密封脂系统可保证在紧急状况下阻断源自阀座或阀杆的泄漏（适用于：石油、天然气、化工、医药、食品、环境保护及城市建筑等行业）。



Test Pressure Specification 试验压力：按规范

- Pressure 压力
- Shell (Liquid) 壳体(液体): 1.5 or more times the pressure rating for material at 38°C
按38°C材料确定的压力额定值的1.5倍
- Sealing(Liquid) 密封(液体): 1.1 or more times the pressure rating for material at 38°C
按38°C材料确定的压力额定值的1.1倍
- Low-pressure Sealing (Air) 低压密封(气体): 0.5~0.7(MPa)

Technical Data 技术参数

- Size 公称尺寸: NPS2~36
- Pressure Ratings 压力等级: Class150~1500
- Body Materials 阀体材料: ASTM: WCB(A105)、CF8 (304)、CF3 (304L)、CF8M (316)、CF3M (316L)
- DIN: GS-C25(St50-2)、1.4308(1.4301)、(1.4306)、1.4408(1.4401)、(1.4404)
- Design Standard 设计标准: DIN3356、API 6D、ASME B16.34
- Face to Face 结构长度: DIN EN 558、ASME B16.10
- Flanged Ends 法兰端: DIN EN 1092、ASME B16.5
- Butt-welding Ends 对焊端: ASME B16.25
- Test and Inspection 试验和检验: ISO5208、DIN3230、API 6D、API598.

Notes: The sizes of serial valve flange and butt-welding dimensions can be designed according to customers requirement.
注: 系列阀门法兰端和对焊端尺寸可根据客户要求设计制造。

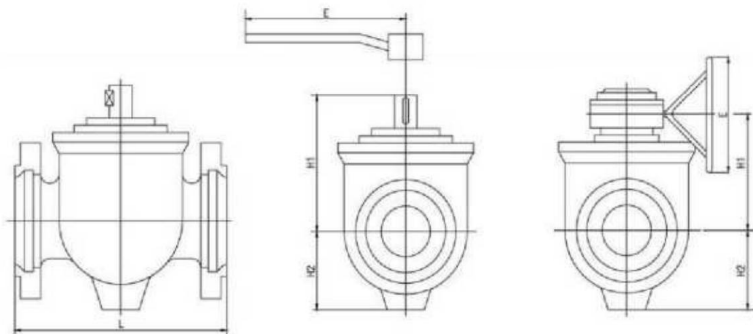
Material Specifications 材料规格

NO. 序号	Parts 零件名称	Materials 材料			
		Carbon Steel valve 碳钢阀门		Stainless Steel valve 不锈钢阀门	
		DIN	ASTM	DIN	ASTM
1	Body 阀体	GS-C25	A216 WCB	1.444A	A551 CF8M
2	O-ring 密封圈	NBR.	NBR	NBR	NBR
3	Seat 阀座	Sc5-2	AH6	1.4401	AIS2 F316
4	Stem Insert 阀杆衬套	PTFE	PTFE	PTFE	PTFE
5	Stem 阀杆	XKCrB	AIK2 F6A	1.4401	AIK F316
6	Ball 球	StS (1.4404)	AI05+ENP	1.4401	AIS2 F316
7	Spring 弹簧	1.4401	Incoloy X-750	1.4401	AIK F316
K	(Zirconium) 锆	(Zr) C25	A216 WC : B	1.4441H	A.WI CFHM
9	(Nylon) 尼龙	NBR.	NBK	NBR	NBK
10	(Inconel) 因科镍	NBR	NIU	NBK	NUK
11	Stem 阀杆	X3CrB	AIN2 F6.1	M侧	AIR2F316

Note: The utilization can be selected according to the requirements of the material. 44材料可铁基其 / 泰)1公AT这用



ANSI TOP ENTRY BALL VALVES 美标 | 上装式球阀



Dimensions and Weights 尺寸及重量 (Class 600 — Class 1500)

Class 压力级	NPS(in) 公称尺寸	d	Dimensions 尺寸 / mm					E		Weigh 1 M/Kfl
			RF	BW	RTJ	H1	H2	Manual 手柄	Valve Gear 阀杆	
Class 600	2	SI	292	292	295	195	110	400	—	45
	3	76	356	356	359	240	HO	750	—	SO
	4	HQ	432	432	435	280	175	11J00	—	150
	6	152	559	559	562	305	195	—	300	248
	8	200	660	660	663	400	280	—	300	438
	10	248	787	787	790	435	285	—	5(11	601
	12	2W	838	R3H	MI	440	320	—	600	625
	14	327	«9	»	«92	505	540	—	600	1230
	16	375	991	991	994	590	410	—	600	1535
	18	419	1092	1092	»95	700	445	—	600	2135
	20	464	1114	1194	t21X	775	510	—	64MI	2M0
	24	559	1397	1397	H07	M0	640	—	win	WIO
Class 900	2	49	368	368	371	200	120	750	—	52
	3	74	381	381	384	240	130	1	—	87
	4	im	457	457	460	210	175	1500	—	16()
	6	150	610	610	613	350	220	—	300	3«5
	8	2TH	737	737	740	390	260	—	400	560
	10	252	«3K	838	MI	480	310	—	做	K2(J
Class 1500	12	300	965	965	<)68	538	410	—	600	1125
	14	49	568	368	371	205	120	750	—	60
	3	72	470	470	473	210	125	1	—	115
	4	too	546	S46	S49	245	160	—	300	194
	6	144	70S	70S	711	335	255	—	400	580
	8	192	832	M2	842	427	340	—	500	752
	10	23M	991	991	11MH	502	MI	—	600	1195
	12	2«7	1130	1130	1146	533	438	—	600	2170

FULLY WELDED BALL VALVES 全焊接球阀

Technical Data 技术参数

Pressure Ratings 压力等级 : Class 150-1500

Design Standard 设计标准: API 6D, ASME B16.34

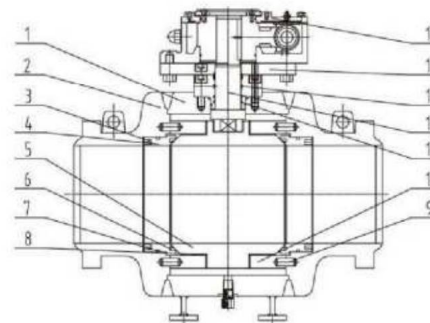
Face to Face 结构长度: ASME B16.10

Butt-welding Ends 对焊端 : ASME B16.25

Test and Inspection 试验和检验: ISO5208, API 6D, API598

Notes: The sizes of serial valve butt welding dimensions can be designed according to customer's requirement.

注: 系列阀门对焊尺寸可根据客户要求设计制造



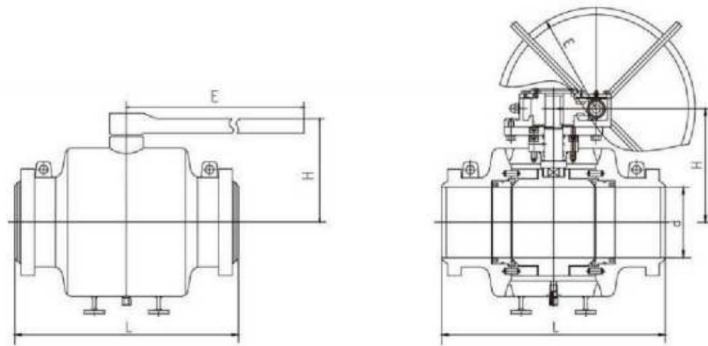
Material Specification 材料规格

NO. 序号	Parts 零件名称	Materials 材料	
		Carbon steel 碳钢	Stainless Steel 不锈钢
1	Body 阀体	A105	A182F316
2	Gate 闸板	A105	A182 EM6
3	Spring 弹簧	Incond X-750	Incond X-750
4	Seat 阀座	A103	A182F316
5	Ball 球体	A105+ENP	A182 F316+ENP
6	Scat mint 密封S	PTFE	PTFE
7	O-ring O形圈	NBR	NBR
8	Bearn% 密封承	Steel + PTFE	Steel + PTFE
9	Pin 销	ANSI 1/4-45	A182 F314
10	Support Support 支撑板	A105	A182F316
11	O-ring O形圈	NBR	NBR
12	Stem 阀杆	A182 FAa	A182 F316
13	O-ring O形圈	NBR	NBR
14	Top Cover 顶盖	A105	A182 F316
15	Actuator 驱动装置	Assembly 组合件	Assembly 组合件

Note: 11«c niMriak c an be tdedcd ^ cording u · ctiwomcrS rcqiliircfment.
材料可根据客户要求定制



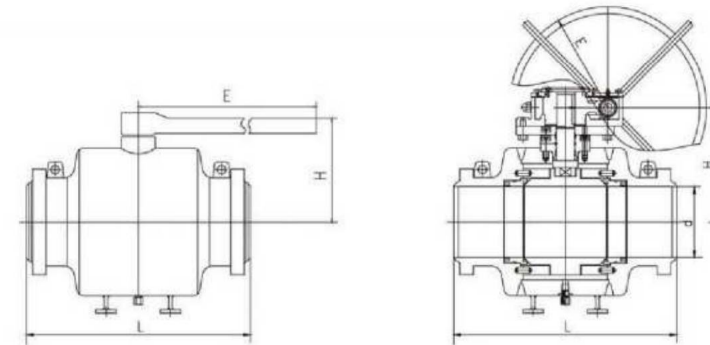
ANSI FULLY WELDED BALL VALVES 关标令焊接球阀



Dimensions and Weights 尺寸及重量 (Class 150 & Class 300)

Class压力级	NPS(In) 公称尺寸	Dimensions 尺寸 / mm					Weight 重厘/kg
		d	L	H	E		
					Manual手轮	Worm Gear蜗轮	
Class 150	2	51	178	118	320	—	17
	3	76	203	144	418	—	38
	4	102	229	16H	514	—	56
	6	152	394	2H2	—	350	200
	H	203	457	319	—	350	330
	10	254	5S3	362	—	350	4船
	12	3«»5	610	409	—	350	660
	14	337	686	44fi	—	350	S20
	16	3R7	762	4m	—	350	9R0
	18	438	K64	533	—	350	1370
	20	4X9	914	573	—	350	脚
	22	541)	991	647	—	600	2280
24	5V1	1067	685	—	800	2730	
26	641	"43	734	—	900	3450	
Class 300	2	51	216	HR	370	—	19
	3	76	282	144	56R	—	40
	4	102	305	168	664	—	5R
	6	152	403	2«2	—	350	210
	8	2(0	502	319	—	350	340
	10	254	568	J70	—	350	5(10
	12	305	M8	417	—	350	690
	14	337	762	砌	—	350	细
	16	3«7	838	4»)	—	35»	1020
	18	438	9M	56fi	—	600)	1430
	20	4«9	99t	541	—	800	1930
	22	54(!	1092	649	—	900	2390
	24	591	1143	6K5	—	AOO	2M0
	26	635	1245	75«	—	6(10	3620
	M	686	!346	694	—	600	4 M0

ANSI FULLY WELDED BALL VALVES 关标令焊接球阀

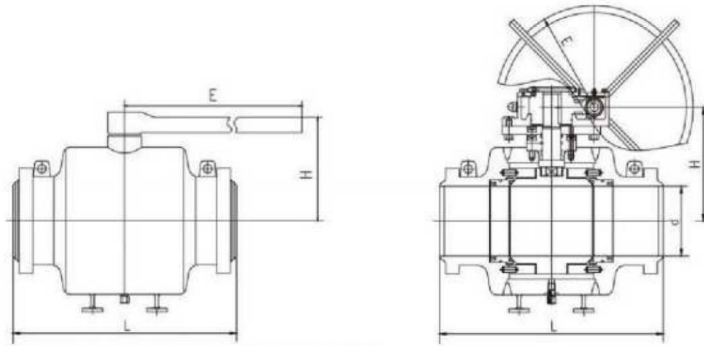


Dimensions and Weights 尺寸及重量 (Class 600)

Class压力级	NPS(in) 公称尺寸	Dimensions尺寸 I mm					Weight K«/kg
		d	L	H	E		
					Manual手轮	Worm Gear 蜗轮	
Class 600	2	51	292	HR	430	—	20
	3	76	556	144	66«	—	34
	4	102	432	168	764	—	45
	6	152	559	2R2	—	350	210
	8	200	787	327	—	350	420
	10	248	787	370	—	350	620
	12	2W	KM	419	—	350	860
	H	327	889	44K	—	350	1060
	16	375	W1	524	—	600	1270
	IK	419	1092	570	—	800	17*)
	20	464	1194	604	—	R00	210
	22	511	1295	673	—	6(X)	2980
	24	559	1397	709	—	600	3570
	26	603	144H	782	—	600	4530
	28	648	1549	818	—	600	5180
	30	695	1651	857	—	600	6210
	32	R3(I)	1778	896	—	600	7060
	36	fl74	2m	981	—	1200	10070



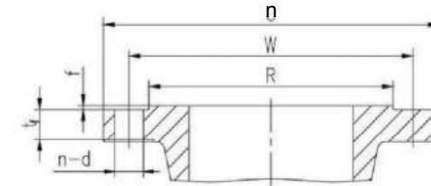
ANSI FULLY WELDED BALL VALVES 龙标全焊接球阀



Dimensions and Weights 尺寸及重量 (Class 900 ~ Class 1500)

Class压力级	NPS(in) 公称尺寸	Dimensions尺寸 / mm					Weight S 磅/kg
		d	L	H	E		
					Manual手轮	Worm Gear蜗轮	
Class 900	2	49	做	125	5641	—	35
	3	74	3RI	155	910	—	72
	4	100	457	198	—	600	160
	6	ISO	610	316	—	350	330
	8	201	737	350	—	350	540
	10	252	«38	392	—	350	800
	重2	303	965	440	—	350	mo
	H	322	1029	499	—	«10	1370
	16	373	11JA	541	—	MO	1650
	IB	423	1219	598	—	mo	2310
	20	471	1321	666	—	800	3120
	22	522	—	717	—	MX)	3H70
	24	570	1549	778	—	投K)	4640
	26	617	—	827	—	SOO	5880
	28	665	—	S69	—	800	M70
	30	712	—	913	—	WIO	8070
	32	760	—	971	—	800	9170
	36	855	—	KH3	—	800	13«O
Class 1500	2	49	368	125	610	—	3)
	3	72	47(1	IR8	—	3(K)	54
	4	100	546	257	—	fiOO	86
	6	144	705	355	—	550	390
	8	192	832	402	—	350	MO
	10	239	991	467	—	350	960
	12	287	1130	49«	—	550	1330
	14	315	1257	609	—	MK>	IMO
	16	360	1384	670	—	HK)	1980
	18	371	—	701	—	8(M)	2770
	20	416	—	R60	—	600	3740
	22	457	—	927	—	MK>	4640
	24	498	—	973	—	600	5560
	26	544	—	1120	—	—	7050
	28	5K4	—	1200	—	—	M, 70
	30	625	—	—	—	—	9680

Steel Pipe Flanges ASME B16.5 (RF) 钢制管法兰 ASME B16.5 (凸面法兰)



Class 压力级	NPS(in) 公称尺寸		O/mm	W/mm	R/mm	tr/mm	f/mm	n	d
	NPS / In	DN/mm							
Class 150	1/2	ts	90	60.3	34.9	8	2	4	16
	3/4	20	100	69.9	42.9	8.9	2	4	16
	1	25	HO	79.4	50.8	9.6	2	4	16
	1 1/4	32	115	89.9	63.5	11J	2	4	16
	1 1/2	40	125	9R.4	73	12.7	2	4	16
	2	50	150	12«.7	W	143	2	4	19
	2 1/2	65	im	139.7	104.8	15.9	2	4	19
	3	HO	190	152.4	127	173	2	4	19
	4	100	230	190.5	157.2	22.3	2	8	19
	5	125	255	215.9	185.7	22.3	2	a	22
	6	15U	280	241.3	215.9	219	2	8	22
	a	200	345	298.5	269.9	27	2	8	22
	10	250	405	362	A23.8	M6	2	12	25.5
	12	3m	4«5	431.«	381	M2	2	12	25.5
	14	35<1	535	47ft.3	412.8	33.4	2	12	285
	16	400	595	539.«	469.9	35	2	16	285
	18	450	635	577.9	533.4	3«1	2	16	32
	20	500	700	635	584.2	41.3	2	20	32
	24	AIN)	«15	7493	W22	46.1	2	20	35
Class 300	1/2	15	95	66.7	34.9	12.7	2	4	16
	3/4	20	115	82.6	42.9	14.3	2	4	19
	1	25	125	«X.9	50J	15.9	2	4	19
	1 1/4	32	135	98.4	63.5	17.5	2	4	19
	1 1/2	40	155	114.3	73	19.1	2	4	22
	2	50	165	127	92.1	20.7	2	8	19
	2 1/4	65	190	149 J	1A4J	25.9	2	S	22
	3	80	210	1683	127	27	2	8	22
	4	UM)	255	2 (M>	157.2	30.2	2	8	22
	5	125	280	235	IK5.7	534	2	8	22
	6	150	520	269.9	215.9	35	2	12	22
	R	20n	W	1W, .2	2FW.9	W7	2	12	255
	to	250	445	387.4	523.8	46.1	2	16	283
	12	300	520	做S	381	493	2	16	32
	14	350	5H5	514.4	412.8	524	2	20	32
	16	400	6S0	571.5	469.9	55.6	2	20	35
	18	450	710	62R.6	533.4	58B	2	24	35
	20	SOO	775	68S.R	5«4.2	62	2	24	35
	24	600	9IS	812.8	692.2	68.3	2	24	41

WENZHOU HAWAY VALVE CO., LTD

PRODUCTS RANGE

VALVE STANDARD: API, ANSI, DIN, GOST.

MATERIAL CASTING: WCB, LCB, LCC, WC6, A217 C5, A217 C12, CF8, CF8M, CF3, CF3M, A995 4A, AL-BRONZE. MONEL.

MATERIAL FORGING: A105, LF2, F304, F316, F316L, F304L, F11, F9, F51, MONEL..

NO	VALVES	VALVE TYPE	MATERIAL	SIZE	CLASS
1	BALL VALVE	FLOATING BALL VALVE	CASTING, FORGING	1/2" - 6"	150LB to 1500LB
2		TRUNNION BALL VALVE	CASTING, FORGING	2"-48"	150LB to 2500LB
3		TOP ENTRY BALL VALVE	CASTING, FORGING	1/2"-24"	150LB to 2500LB
4		FULL WELDED BALL VALVE	CASTING, FORGING	2"-48"	150LB to 1500LB
5	GATE VALVE	GATE VALVE	CASTING,	2"-48"	150LB to 2500LB
6		PRESSURE SEAL GATE VALVE	CASTING,	2"-24"	900LB to 2500LB
7	GLOBE VALVE	GLOBE VALVE	CASTING,	2"-24"	150LB to 2500LB
8		PRESSURE SEAL GLOBE VALVE	CASTING,	2"-16"	900LB to 2500LB
9	SWING CHECK VALVE	SWING CHECK VALVE	CASTING,	2"-36"	150LB to 2500LB
10		PRESSURE SEAL SWING CHECK VALVE	CASTING,	2"-16"	900LB to 2500LB
11	DUAL PLATE CHECK VALVE	LUG TYPE	CASTING, FORGING	2"-48"	150LB to 1500LB
12		WAFER TYPE	CASTING, FORGING	2"-48"	150LB to 1500LB
13		DOUBLE FLANGE	CASTING, FORGING	10"-48"	150LB to 1500LB
14	GATE VALVE	SLAB GATE VALVE	CASTING,	2"-36"	150LB to 1500LB
15		EXPANDING GATE VALVE	CASTING,	2"-14"	150LB to 1500LB
16	FORGED STELL VALVE(GATE, GLOBE, CHECK) API602, GOST.	FORGED GATE VALVE (BOLTED BONNET, PRESSURE SEAL, WELDED BONNET)	FORGING	1/2"-2"	150LB to 2500LB
17		FORGED GLOBE VALVE (BOLTED BONNET, PRESSURE SEAL, WELDED BONNET)	FORGING	1/2"-2"	150LB to 2500LB
18		FORGED SWING CHECK VALVE (BOLTED BONNET, PRESSURE SEAL, WELDED BONNET)	FORGING	1/2"-2"	150LB to 2500LB
19		FORGED PISTON CHECK VALVE (BOLTED BONNET, PRESSURE SEAL, WELDED BONNET)	FORGING	1/2"-2"	150LB to 2500LB
18					

По вопросам продаж и поддержки обращайтесь:

Алматы (7273)495-231
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89
Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Россия (495)268-04-70

Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Липецк (4742)52-20-81
Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Киргизия (996)312-96-26-47

Новокузнецк (3843)20-46-81
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Симферополь (3652)67-13-56
Казахстан (7172)727-132

Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
Тверь (4822)63-31-35
Томск (3822)98-41-53
Тула (4872)74-02-29
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Ярославль (4852)69-52-93