



Shanghai Tianfa Trading Co., Ltd.

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Address: Road318. Nanxiang Town,  
Jiading District, Shanghai

## V-SHAPED REGULATION BALL VALVE

### FORM OF MAIN PARTS AND MATERIALS

Accessory name	Material	
Body, Bonnet	WCB	CF 8
Sealing Ring	2Cr13+Nitriding	304+氮化
Ball	2Cr13+Hard chrome	304+硬格
Seat Stem	2Cr13	304
Gasket	Graphite stainless steel	Graphite stainless steel
Dual-head double-screw bolt	35CrMoA	1Cr18Ni9Ti

### PERFORMANCE SPECIFICATIONS OF THE PRODUCTS

PN (Mpa) Nominal pressure	Test pressure		Applicable Medium	Applicable Temperature
	Shell test	Sealing test		
1.6	2.4	1.76	The mediums such as water, oil, gas, and containing fibers, etc.	-28℃~550℃
2.5	3.75	2.75		
4.0	6.0	4.4		
Applicable Specification	Connecting		JB79-59 GB9113 HG20592-97 AMSI B16.5	
	Test and inspection		JB/T9092-99 API 598	

### MAIN TYPE DIMENSIONS

Nominal Pressure	Nominal diameter		Dimension								
	(mm)	(in)	W	L	W1	L1	d	D1	H1	H	D D1 D2
PN1.6Mpa	25	—	50	—	25	—	64	38	57	200	Please refer to the sample book of Form of Main Types and Connection Dimensions.
	40	—	60	—	25	—	82	49	63	205	
	50	—	75	124	32	62	100	60	92	225	
	65	—	85	145	38	72.5	120	75	100	235	
	80	—	100	165	45	82.5	131	89	108	260	
	100	—	115	194	50	97	158	113	117	270	
	125	—	135	210	55	105	180	140	140	320	
	150	—	160	229	65	114.5	216	164	177	340	
	200	—	200	243	80	121.5	268	205	200	390	
	250	—	240	297	92	169	326	259	252	420	
300	—	—	338	—	—	—	300	270	510		
PN2.5Mpa	25	—	50	—	25	—	64	38	57	200	Please refer to the sample book of Form of Main Types and Connection Dimensions.
	40	—	60	—	25	62	82	49	63	205	
	50	—	75	124	32	72.5	100	60	92	225	
	65	—	85	145	38	82.5	120	75	100	235	
	80	—	100	165	45	97	131	89	108	260	
	100	—	115	194	50	105	158	113	117	270	
	125	—	135	210	55	114.5	180	140	140	320	
	150	—	160	229	65	121.5	216	164	177	340	
	200	—	200	243	80	148.5	268	205	200	390	



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	250	—	240	297	92	169	326	259	252	420
	300	—	—	338	—	169	—	300	270	510
CLASS150	25	1	50	—	25	—	65	38	57	200
	40	1 1/2	60	—	25	—	84	49	63	205
	50	2	75	124	32	62	102	60	92	225
	65	2 1/2	85	145	38	72.5	121	75	100	235
	80	3	100	165	45	82.5	134	89	108	260
	100	4	115	194	50	97	172	113	117	270
	125	5	135	210	55	105	196	140	140	320
	150	6	160	229	65	114.5	221	164	177	340
	200	8	200	243	80	121.5	278	205	200	390
	250	10	240	297	92	148.5	333	259	252	420
	300	12	—	338	—	169	—	300	270	510