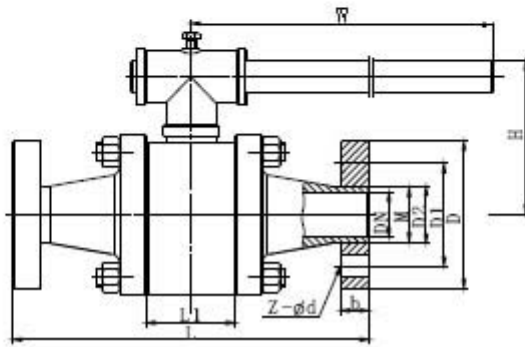


High-pressure Forged-Steel Ball Valve



Main Parts and Materials

Accessory name	Material	
	GB	ASTM
Body, bonnet	WCB	A216-WCB
Sealing	Nylon	Nylon
Ball	1Cr18Ni9Ti	SS 304
Seat, Stem	2Cr12	A246-416
ring	RUBBER	RUBBER
Dual-head double-screw bolt	35CrMoA	A193-B7

Main Performance Specification

Nominal diameter	Test pressure (mpa)
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	Shell	High-pressure liquid sealing	Low-pressure hermetic sealing
16.0	24	17.6	0.6
32.0	48	35.2	
Applicable temperature		-40-80℃	
Applicable medium		Water, oil products, nitrogen, ammonia, hydrogen, and liquefied gas, etc.	

Nominal diameter	Nominal pressure	Main dimension ^①										W
		L ^②		L1 ^③		D ^④		D1 ^⑤		H ^⑥		
		Flange	Butt-welding	Flange	Butt-welding	Flange	Butt-welding	Flange	Butt-welding	Flange	Butt-welding	
160 ^⑦	10 ^⑧	210 ^⑨	150 ^⑩	52 ^⑪	60 ^⑫	95 ^⑬	90 ^⑭	60 ^⑮	18 ^⑯	77 ^⑰	58 ^⑱	220
	15 ^⑧	230 ^⑨	170 ^⑩	62 ^⑪	70 ^⑫	95 ^⑬	100 ^⑭	60 ^⑮	23 ^⑯	85 ^⑰	62 ^⑱	220
	20 ^⑧	240 ^⑨	190 ^⑩	73 ^⑪	80 ^⑫	105 ^⑬	110 ^⑭	68 ^⑮	29 ^⑯	94 ^⑰	75 ^⑱	250
	25 ^⑧	260 ^⑨	205 ^⑩	77 ^⑪	95 ^⑫	105 ^⑬	115 ^⑭	68 ^⑮	36 ^⑯	100 ^⑰	80 ^⑱	250
	32 ^⑧	300 ^⑨	230 ^⑩	100 ^⑪	110 ^⑫	115 ^⑬	150 ^⑭	80 ^⑮	43 ^⑯	120 ^⑰	96 ^⑱	300
	40 ^⑧	300 ^⑨	260 ^⑩	110 ^⑪	120 ^⑫	165 ^⑬	170 ^⑭	115 ^⑮	49 ^⑯	150 ^⑰	111 ^⑱	400
	50 ^⑧	400 ^⑨	330 ^⑩	130 ^⑪	140 ^⑫	165 ^⑬	200 ^⑭	115 ^⑮	61 ^⑯	165 ^⑰	128 ^⑱	450
	65 ^⑧	490 ^⑨	360 ^⑩	140 ^⑪	150 ^⑫	200 ^⑬	225 ^⑭	145 ^⑮	80 ^⑯	180 ^⑰	180 ^⑱	500
	80 ^⑧	580 ^⑨	380 ^⑩	150 ^⑪	160 ^⑫	225 ^⑬	270 ^⑭	170 ^⑮	105 ^⑯	200 ^⑰	200 ^⑱	600
100 ^⑧	620 ^⑨	430 ^⑩	178 ^⑪	188 ^⑫	260 ^⑬	320 ^⑭	190 ^⑮	118 ^⑯	245 ^⑰	245 ^⑱	800	
320 ^⑦	10 ^⑧	210 ^⑨	150 ^⑩	52 ^⑪	60 ^⑫	95 ^⑬	90 ^⑭	60 ^⑮	18 ^⑯	77 ^⑰	58 ^⑱	220
	15 ^⑧	230 ^⑨	170 ^⑩	62 ^⑪	70 ^⑫	105 ^⑬	100 ^⑭	68 ^⑮	23 ^⑯	85 ^⑰	62 ^⑱	220
	20 ^⑧	240 ^⑨	190 ^⑩	73 ^⑪	80 ^⑫	105 ^⑬	110 ^⑭	68 ^⑮	29 ^⑯	94 ^⑰	75 ^⑱	250
	25 ^⑧	260 ^⑨	205 ^⑩	77 ^⑪	95 ^⑫	115 ^⑬	115 ^⑭	80 ^⑮	36 ^⑯	100 ^⑰	80 ^⑱	250
	32 ^⑧	300 ^⑨	230 ^⑩	100 ^⑪	110 ^⑫	135 ^⑬	150 ^⑭	95 ^⑮	43 ^⑯	120 ^⑰	96 ^⑱	300
	40 ^⑧	350 ^⑨	260 ^⑩	110 ^⑪	120 ^⑫	165 ^⑬	170 ^⑭	115 ^⑮	49 ^⑯	150 ^⑰	111 ^⑱	400
	50 ^⑧	400 ^⑨	330 ^⑩	130 ^⑪	140 ^⑫	200 ^⑬	200 ^⑭	145 ^⑮	61 ^⑯	165 ^⑰	128 ^⑱	450
	65 ^⑧	490 ^⑨	360 ^⑩	140 ^⑪	150 ^⑫	225 ^⑬	225 ^⑭	170 ^⑮	80 ^⑯	180 ^⑰	180 ^⑱	500
	80 ^⑧	580 ^⑨	380 ^⑩	150 ^⑪	160 ^⑫	260 ^⑬	270 ^⑭	195 ^⑮	105 ^⑯	200 ^⑰	200 ^⑱	600
100 ^⑧	620 ^⑨	430 ^⑩	178 ^⑪	188 ^⑫	300 ^⑬	320 ^⑭	235 ^⑮	118 ^⑯	245 ^⑰	245 ^⑱	800	