



Nominal Pressure	150#	
Shell Test (By Water)	400	psi
Seal Test (By Water)	320	
Seal Test (By Air)	60~100	

APPLICABLE STANDARDS:

1. BASIC DESIGN: ASME B16.34
2. FLANGED: ASME B16.5
3. FACE TO FACE: ASME B 16.10
4. VALVES TEST AND INSPECT: API 598

9	Handle	Ductile iron (A536)
8	Gland flange	Ductile iron (A536)
7	Stem Packing	PTFE
6	Gasket	PTFE
5	Seat	PTFE
4	Stem	Stainless steel (SS304)
3	Ball	Stainless steel (SS304)
2	Bonnet	Cast iron(A126-B)
1	Body	Cast iron(A126-B)

NO.	Part Name	Material	
		ANSI CAST IRON BALL VALVE	
PREPARED BY	ZY.ZHAN	150#	
APPROVED BY	XH.WEN		
DATE	4-SEP-16	MODEL	A1BA2

Unit:mm

SIZE	d	L	D	C	R	b	f	N	h	W	H
DN15	15	108	89	60.5	35	9.7	1.6	4	16	130	89
DN20	20	117	98	70	43	10.5	1.6	4	16	130	88
DN25	25	127	108	79.5	51	11.2	1.6	4	16	160	95
DN32	32	140	117	89	63.5	12.7	1.6	4	16	160	105
DN40	40	165	127	98.5	73.2	14.2	1.6	4	16	220	124
DN50	50	178	152	120.5	92	15.9	1.6	4	19	220	124
DN65	65	190	178	139.5	104.7	17.5	1.6	4	19	240	164
DN80	76	203	191	152.5	127	19.1	1.6	4	19	240	156
DN100	98	229	229	190.5	157.2	23.9	1.6	8	19	330	190
DN125	123	356	254	216	186	24	1.6	8	22	650	248
DN150	148	394	279	241.5	216	25.4	1.6	8	22	650	266
DN200	200	457	343	298.5	270	28.5	1.6	8	22	700	340