



Unit:mm

SIZE	d	L	D	C	R	b	f	N	h	E	U	W	H
DN15	15	108	89	60.5	35	9.7	1.6	4	16	42	M5	130	89
DN20	20	117	98.6	70	43	10.5	1.6	4	16	42	M5	130	100
DN25	25	127	108	79.5	51	11.2	1.6	4	16	42	M5	160	114
DN32	32	140	117	89	63.5	12.7	1.6	4	16	50	M6	160	119
DN40	40	165	127	98.5	73.2	14.2	1.6	4	16	50	M6	250	130
DN50	50	178	152	120.5	92	15.9	1.6	4	19	70	M8	250	146
DN65	65	190	178	139.5	104.7	17.5	1.6	4	19	102	M10	350	176
DN80	80	203	191	152.5	127	19.1	1.6	4	19	102	M10	350	222
DN100	100	229	229	190.5	157.2	23.9	1.6	8	19	102	M10	400	222
DN125	125	356	254	216	186	24	1.6	8	22	125	M12	600	260
DN150	150	394	279	241.5	216	25.4	1.6	8	22	140	M16	600	280
DN200	200	457	343	298.5	270	28.5	1.6	8	22	165	M20	700	340
DN250	250	533	406	362	324	30.2	1.6	12	25	165	M20	800	380

Nominal Pressure	1.6	Mpa
Shell Test (By Water)	2.5	
Seal Test (By Water)	1.8	
Seal Test (By Air)	0.6	

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	
AUTOMA		ANSI CAST IRON BALL VALVE	
PREPARED BY	ZY.ZHAN	150#	
APPROVED BY	XH.WEN		
DATE	4-SEP-16	MODEL	AT225