



SIZE	L	D	D1	D2	C	f	n-∅d	H	W	K	P	M	
½"	DN15	140	95	66.7	34.9	15	2	4-∅16	83	130	9	42	M5
¾"	DN20	152	115	82.6	42.9	16	2	4-∅19	89	130	9	42	M5
1"	DN25	165	125	88.9	50.8	18	2	4-∅19	93	160	11	42	M5
1¼"	DN32	178	135	98.4	63.5	19	2	4-∅19	97	160	11	50	M6
1½"	DN40	190	155	114.3	73	21	2	4-∅22	119	200	14	70	M8
2"	DN50	216	165	127	92.1	23	2	8-∅19	127	200	14	70	M8
2½"	DN65	241	190	149.2	104.8	26	2	8-∅22	138	240	14	70	M8
3"	DN80	282	210	168.3	127	29	2	8-∅22	168	270	17	102	M10
4"	DN100	305	255	200	157.2	32	2	8-∅22	190	320	17	102	M10
5"	DN125	381	280	235	185.7	35	2	8-∅22	—	550	21	102	M10
6"	DN150	403	320	269.9	215.9	37	2	12-∅22	—	650	21	125	M12
8"	DN200	502	380	330.2	269.9	42	2	12-∅25	—	800	27	140	M16

14	HEXAGON HEAD BOLT	2	A193 B7	A193 B8	A193 B8M
13	STOPPER	1	SS304	SS304	SS316
12	HANDLE	1	STAINLESS STEEL	STAINLESS STEEL	STAINLESS STEEL
11	SNAP RING	1	SS304	SS304	SS316
10	GLAND	1	A351 CF8	A351 CF8	A351 CF8
9	PACKING	-	RPTFE	RPTFE	RPTFE
8	STEM WASHER	1	RPTFE	RPTFE	RPTFE
7	STEM	1	A276 304	A276 304	A276 316
6	BONNET	1	A216 WCB	A351 CF8	A351 CF8M
5	BOLT	-	A193 B7	A193 B8	A193 B8M
4	GASKET	1	RPTFE	RPTFE	RPTFE
3	BALL	1	SS304	SS304	SS316
2	SEAT	2	RPTFE	RPTFE	RPTFE
1	BODY	1	A216 WCB	A351 CF8	A351 CF8M

Nominal pressure		300LB				
Test pressure	Shell test	7.5	MPa	test medium	water	Test temperature normal temperature
	seal test	5.5			air	
	Gas seal test	0.6				
Applicable medium		water,oil,gas				
Applicable temperature		-29~180°C				

NOTE:
 1.Design and Manufacture for valve according to ANSI B16.34-2009.
 2.Face-to-face dimensions for valve according to ASME B16.10-2009.
 3.End flange dimensions for valve according to ASME B16.5-2009.
 4.Inspection and Test for valve according to API 598-2009.

NO.	DESCRIPTION	QTY	AT234F	AT235F	AT236F
			MATERIAL		
			GENERAL DRAWING		
			FLANGE BALL VALVE		
MARK	BEFORE MODIFIED	AFTER MODIFIED	DATE		
DRA.		APP.	SCALE		
CHK.		DATE	AT234F/235F/236F		