



MATERIALS LIST

NO.	PART NAME	MATERIAL	
1	BODY	EN1503-1 1.4408	EN1503-1 1.0619
2	BALL	CF8M	CF8M
3	STEM	SS316	SS316
4	END CAP	EN1503-1 1.4408	EN1503-1 1.0619
5	BODY SEAL	GRAPHITE / GRAPHITE+50% SS316	
6	SEAT	PTFE / RPTFE / PEEK	
7	THRUST WASHER	GRAPHITE	
7-1	THRUST WASHER	RPTFE	
8	STEM PACKING	GRAPHITE	
9	THRUST WASHER	RPTFE	
10	GLAND	SS304	
11	HANDLE	SS304	
12	HANDLE COVER	PLASTIC	
13	STEM NUT	SS304	
14	HANDLE WASHER	SS304	
15	HANDLE NUT	SS304	
16	LOCKING PAD	SS304	
17	BELLEVILLE WASHER	SS304	
18	STOP WASHER	SS304	
19	STEM O-RING	VITON	
20	STOP	SS304	
21	STUD	ASTM A193 Gr.B8	
22	NUT	ASTM A194 Gr.8	

DIMENSIONS

unit:mm

SIZE	PORT	L	E	H2	H3	C	ØG	ØJ	ØI	T	F	M	ØN	ØK	ØK1	Z-4	Z1-4	
DN15	1/2"	15.0	115.0	112	8.5	48	9.0	95.0	65.0	45.0	16.0	2.0	4	14.0	50.0	36.0	7.0	6.0
DN20	3/4"	20.0	120.0	112	8.5	62	9.0	105.0	75.0	58.0	18.0	2.0	4	14.0	50.0	36.0	7.0	6.0
DN25	1"	25.0	125.0	136	11.4	64	9.0	115.0	85.0	68.0	18.0	2.0	4	14.0	50.0	36.0	7.0	6.0
DN32	1-1/4"	32.0	130.0	185	11.4	71	9.0	140.0	100.0	78.0	18.0	2.0	4	18.0	50.0	36.0	7.0	6.0
DN40	1-1/2"	38.0	140.0	198	14.0	76	14.0	150.0	110.0	88.0	18.0	2.0	4	18.0	70.0	50.0	9.0	7.0
DN50	2"	50.0	150.0	198	13.7	84.5	14.0	165.0	125.0	102.0	20.0	2.0	4	18.0	70.0	50.0	9.0	7.0
DN65	2-1/2"	64.0	170.0	265	18.0	106.8	17.0	185.0	145.0	122.0	18.0	2.0	4	18.0	102.0	70.0	11.0	9.0
DN80	3"	76.0	180.0	265	18.0	116.0	17.0	200.0	160.0	138.0	20.0	2.0	8	18.0	102.0	70.0	11.0	9.0
DN100	4"	100.0	190.0	325	18.0	154.5	17.0	220.0	180.0	158.0	20.0	2.0	8	18.0	102.0	70.0	11.0	9.0

FLANGE DIMENSION: EN 1092-1 TYPE 21 RF SF
FACE TO FACE: EN558-1 F4 (DIN3202 F4)

REV	DATE	DESCRIPTION	CODE	REVISOR	REMARKS	MATERIAL	APPROVE	CHECK	SCALE	UNIT	mm	Q'TY	1	DATE	2009.06.19	TITLE	2-PC Firesafe Flanged Ball Valve
						DN15~DN100			free								
						PN16			AF-53F								
									AF-53F-001								