

Fig no. V-355B Full Bore
1/4" ~ 4" DN8- DN 100



Features :

Investment Casting Component
Blow out proof stem, ISO 5211 Direct mounting type
In-line Maintenance
For Chemical, Industrial Application
Carbon Steel or Super Alloy upon request

Standard Compliance :

Body wall thickness : EN 12516-1/2/3
Butt Weld : B16.25
Face to Face : MD's standard
Body material : EN1503-1
Pressure testing : EN 12266

Specification :

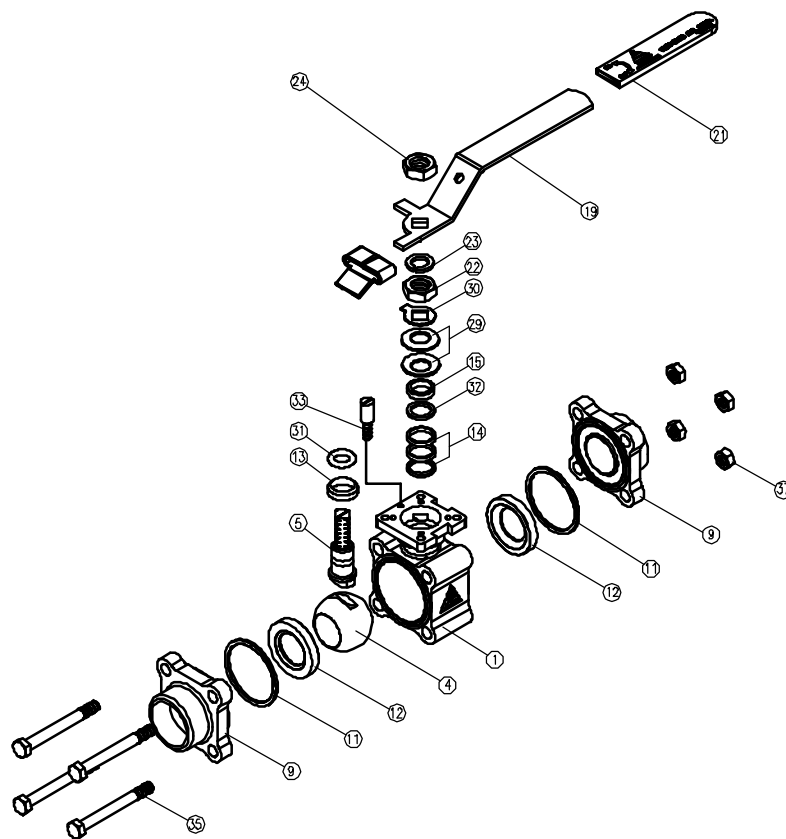
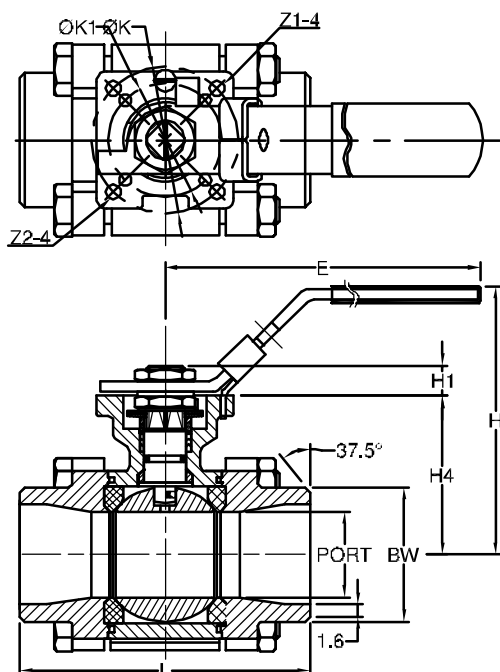
End connection : Butt weld end
Working Pressure : 140 bar (CWP) for DN 8 - 25
100 bar (CWP) for DN 32 - 50
63 bar (CWP) for DN 65 - 100
Temperature : -20 to 180°C

Option :

API 607 fire safe design

MATERIAL LIST

NO.	PART NAME	MATERIAL
1	BODY	1.4408/EN1503-1
4	BALL	ASTM A351 Gr.CF8M
5	STEM	SS316
9	END CAP	1.4408/EN1503-1
11	BODY SEAL	RTFE.
12	SEAT	RTFE.
13	THRUST WASHER	RTFE.
14	STEM PACKING	RTFE.
15	GLAND BUSH	SS304
19	HANDLE	SS304
21	HANDLE COVER	PLASTIC
22	STEM NUT	SS304
23	HANDLE WASHER	SS304
24	HANDLE NUT	SS304
29	BELLEVILLE WASHER	SUS304 CSP
30	TAB WASHER	SS304
31	STEM O-RING	VITON
32	PACKING FOLLOWER	PTFE.-25%GF
33	STOP PIN	SS304
35	BODY BOLT	SS304
37	BOLT NUT	SS304



DIMENSION

unit:mm

SIZE	PORT	L	E	H	H1	H4	C	ØK	ØK1	Z1-4	Z2-4	BW
DN8 1/4"	11.0	62.5	112.0	72.9	8.5	37.0	9.0	50.0	36.0	7.0	6.0	13.7
DN10 3/8"	12.5	62.5	112.0	72.9	8.5	37.0	9.0	50.0	36.0	7.0	6.0	17.1
DN15 1/2"	15.0	68.1	112.0	72.9	8.5	37.0	9.0	50.0	36.0	7.0	6.0	21.3
DN20 3/4"	20.0	77.1	112.0	81.8	8.5	45.0	9.0	50.0	36.0	7.0	6.0	26.7
DN25 1"	25.0	83.6	136.0	90.5	11.4	53.5	9.0	50.0	36.0	7.0	6.0	33.4
DN32 1-1/4"	32.0	96.1	185.0	98.0	11.4	59.0	9.0	50.0	36.0	7.0	6.0	42.2
DN40 1-1/2"	38.0	107.2	197.9	114.7	14.0	74.8	14.0	70.0	50.0	9.0	7.0	48.3
DN50 2"	50.0	118.5	197.9	124.0	13.7	83.5	14.0	70.0	50.0	9.0	7.0	60.3

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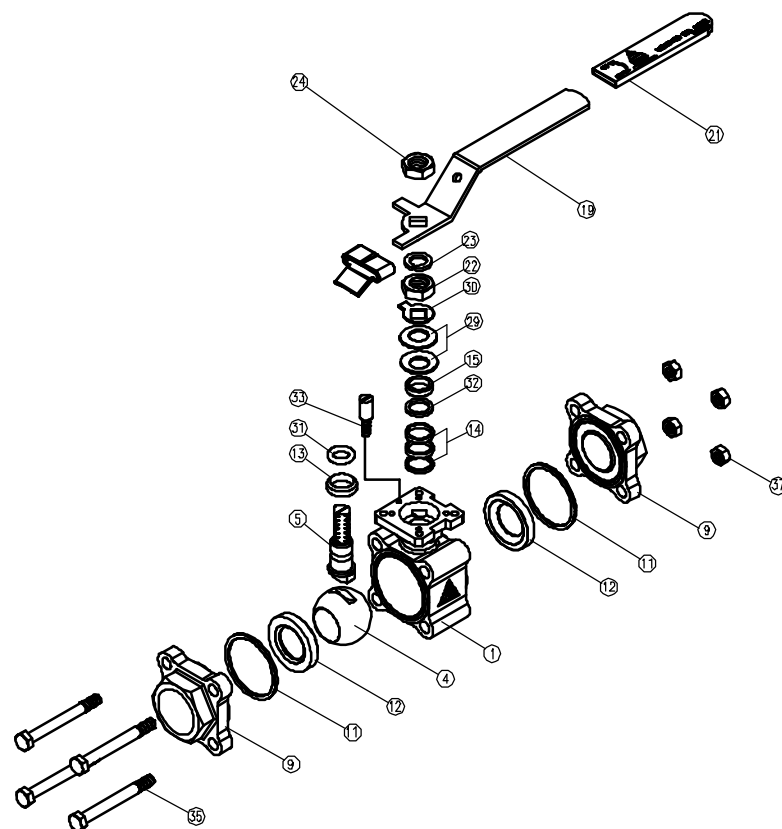
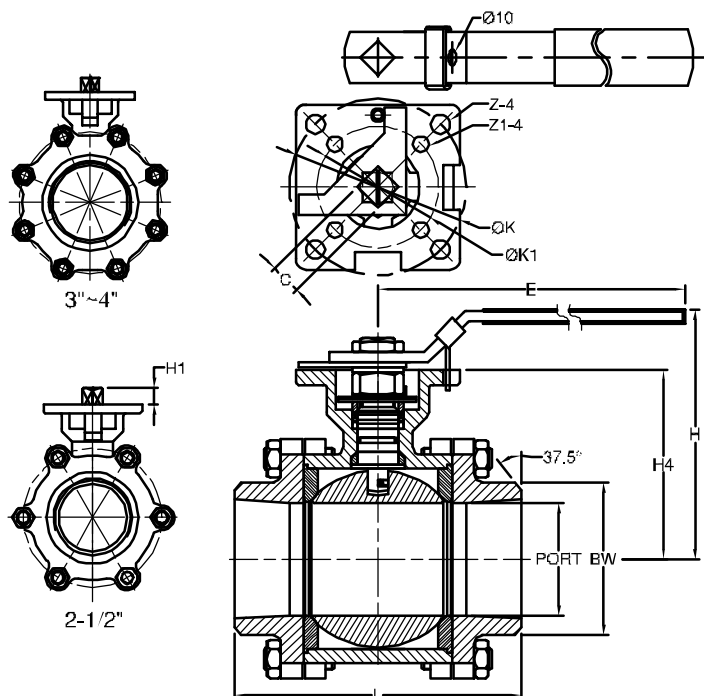
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24	HANDLE NUT	SS304
28	STOP PLATE	SS304
29	BELLEVILLE WASHER	SUS304 CSP
30	TAB WASHER	SS304
31	STEM O-RING	VITON
32	PACKING FOLLOWER	PTFE.+25%GF
33	STOP PIN	SS304
35	BODY BLOT	SS304
37	BOLT NUT	SS304



DIMENSIONS

DIMENSIONS													unit:mm
SIZE	PORT	L	E	H	H1	H4	C	OK	OK1	Z-4	Z1-4	BW	
DN65	2-1/2"	62.7	158.5	267.0	155.0	18.0	108.8	17.0	102.0	70.0	11.0	9.0	73.0
DN80	3"	80.0	187.2	267.0	208.5	18.0	118.3	17.0	102.0	70.0	11.0	9.0	88.9
DN105	4"	100.0	219.0	322.0	216.7	18.0	153.8	17.0	102.0	70.0	11.0	9.0	114.3

unit:mm