



Three Piece Sanitary Ball Valve, Tube Bore, Clamp end, ISO 5211 Direct Mounting type, PN 63/40

Fig no. V-Z58TC Tube Bore
1/2"- 4" DN15 ~ DN100



Features:

Investment casting body
Blow-out-proof stem
In-line Maintenance, ISO 5211 Direct mounting
For Hygenic application

Standard Compliance :

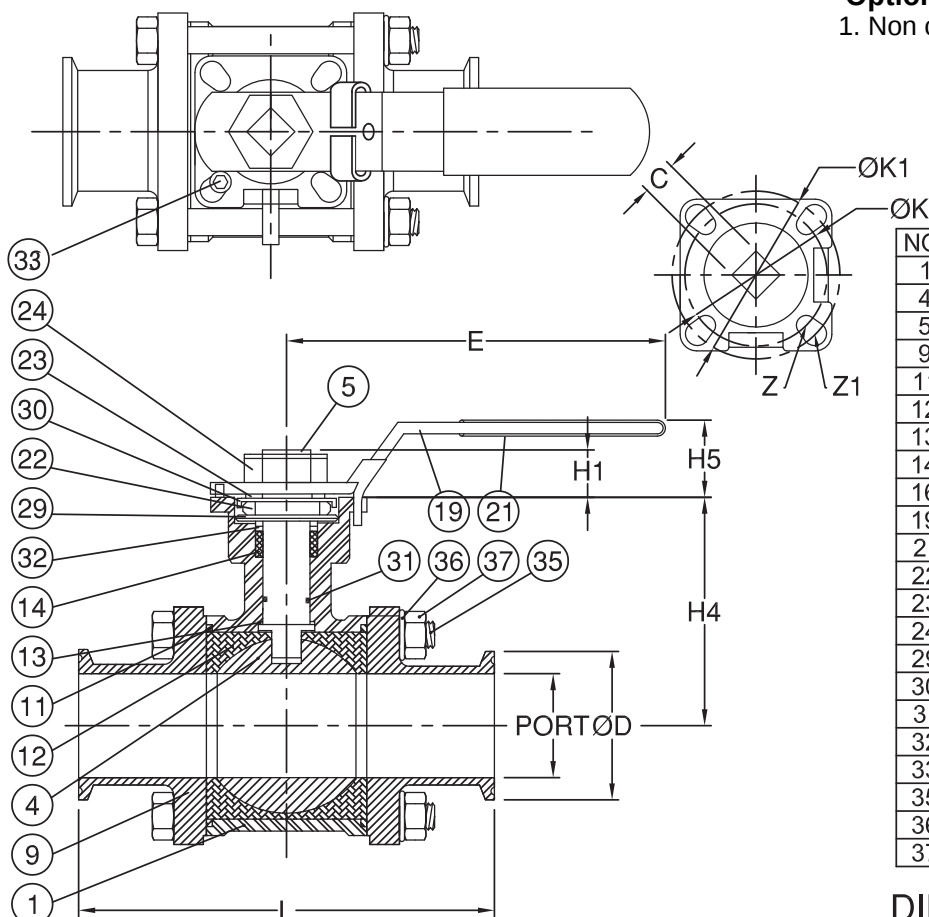
Body wall thickness : ASTM B16.34
Clamp end : 3A
Face to face : MD's standard
Body material : ASTM A351
Pressure testing : EN 12266/ API 598

Specification :

End Connection : Clamp end
Working pressure : 1000 psi (PN 63) for DN8- DN 50
800 psi (PN40) for DN 65-DN100
Temperature : -20 ~ 160°C
Inter finish-polished to SV1

Options:

1. Non cavity filler seat



MATERIALS LIST

NO.	PART NAME	MATERIAL
1	BODY	ASTM A351 Gr.CF8M
4	BALL	ASTM A351 Gr.CF8M
5	STEM	SS316
9	END CAP	ASTM A351 Gr.CF8M
11	BODY SEAL	PTFE.
12	SEAT	PTFE.
13	THRUST WASHER	PTFE.
14	STEM PACKING	PTFE.
16	GLAND NUT	SS304
19	HANDLE	SS304
21	HANDLE COVER	PLASTIC
22	STEM NUT	SS304
23	STEM WASHER	SS304
24	HANDLE NUT	SS304
29	BELLEVILLE WASHER	SS304
30	LOCK WASHER	SS304
31	O-RING	VITON
32	RING	SS304
33	STOP PIN	SS304
35	BODY BOLT	SS304
36	BOLT WASHER	SS304
37	BOLT NUT	SS304

DIMENSIONS

unit:mm

SIZE		PORT	L	E	H1	H4	H5	C	ØD	K	K1	Z	Z1
DN15	1/2"	9.5	89.0	143.0	9.0	37.0	26.0	9.0	25.4	36.0	42.0	6.0	6.0
DN20	3/4"	15.9	101.0	143.0	9.0	47.0	26.0	9.0	25.4	36.0	42.0	6.0	6.0
DN25	1"	22.2	114.0	160.0	11.0	57.2	34.0	11.0	50.4	42.0	50.0	6.0	8.0
DN40	1-1/2"	35.0	140.0	187.0	14.0	78.2	43.0	14.0	50.4	50.0	70.0	8.0	10.0
DN50	2"	47.6	156.0	187.0	14.0	86.2	43.0	14.0	63.8	50.0	70.0	8.0	10.0
DN65	2-1/2"	60.2	197.0	310.0	17.0	109.2	53.0	17.0	77.6	70.0	102.0	10.0	12.0
DN80	3"	73.0	229.0	310.0	17.0	117.7	53.0	17.0	91.0	70.0	102.0	10.0	12.0
DN100	4"	97.4	241.0	400.0	22.0	141.2	56.0	22.0	119.0	102.0	125.0	12.0	14.0