



Three Piece Socket Weld Ball Valve, ISO 5211 Direct Mounting, PN 63/40, V Port, 90 degree

Fig no. VF-158S
1/2" - 4" (DN15- DN100)



Features:

Investment Casting Component
Blow out proof stem , ISO 5211 direct mounting type
In-line Maintenance
For flow and steam control
Carbon steel or Supper alloy upon request

Standard Compliance :

Body wall thickness : EN 12516-1/2/3
Socket weld : B 16.11
Face to face : MD's standard
Body material : EN 1503-1
Pressure testing : EN 12266

Specification :

End Connection : Socket weld end
Working pressure : 63 bar (CWP) for DN 15- 50
40 bar (CWP) for DN 65-100
Temperature : -20 to 180°C

Option :

F to F length : DIN 3202 M3

MATERIALS LIST

NO.	PART NAME	MATERIAL
1	BODY	EN 1503-1 1.4408
4	BALL	ASTM A351 Gr.CF8M
5	STEM	SS316
9	END CAP	EN 1503-1 1.4408
12	SEAT	50%SS+50%PTFE.
13	THRUST WASHER	RTFE.
14	STEM PACKING	RTFE.
15	GLAND BUSH	SS304
19	HANDLE	SS304
21	HANDLE COVER	PLASTIC
22	STEM NUT	SS304
24	HANDLE NUT	SS304
28	LOCKING PAD	SS304
29	BELLEVILLE WASHER	SS304-CSP
30	TAB WASHER	SS304
31	O-RING	VITON
32	PACKING FOLLWER	PTFE.+25%GF
35	BODY BOLT	SS304
36	BOLT WASHER	SS304
37	BOLT NUT	SS304

DIMENSIONS

unit:mm

SIZE	PORT	L	L ₂	E	H	H1	H4	C	ØK	ØK1	Z-4	Z1-4	SW	
DN15	1/2"	15.0	63.5	10.0	112.0	73.0	8.5	37.0	9.0	50.0	36.0	7.0	6.0	21.8
DN20	3/4"	20.0	72.5	13.0	112.0	80.8	8.5	45.0	9.0	50.0	36.0	7.0	6.0	27.4
DN25	1"	25.0	81.0	13.0	136.0	90.5	11.4	53.5	9.0	50.0	36.0	7.0	6.0	34.1
DN32	1-1/4"	32.0	94.5	13.0	185.0	98.7	11.4	59.0	9.0	50.0	36.0	7.0	6.0	42.7
DN40	1-1/2"	38.0	108.0	13.0	197.9	115.3	14.0	74.8	14.0	70.0	50.0	9.0	7.0	49.0
DN50	2"	50.0	121.5	16.0	197.9	124.0	13.7	83.5	14.0	70.0	50.0	9.0	7.0	61.0
DN65	2-1/2"	65.0	157.5	16.0	267.0	155.0	18.0	108.8	17.0	102.0	70.0	11.0	9.0	77.0
DN80	3"	80.0	190.0	16.0	267.0	208.5	18.0	118.3	17.0	102.0	70.0	11.0	9.0	90.2
DN100	4"	100.0	225.0	22.0	322.0	216.7	18.0	153.8	17.0	102.0	70.0	11.0	9.0	115.3

