

Fig no. V-105T Full Bore
1/4" ~ 4" DN 8- DN 100



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
12	SEAT	PTFE.
13	THRUST WASHER	PTFE.
14	STEM PACKING	PTFE.
16	GLAND NUT	SS304
19	HANDLE	SS304
21	HANDLE COVER	PLASTIC
23	HANDLE WASHER	SS304
24	HANDLE NUT	SS304
28	LOCKING DEVICE	SS304 (OPTION)
35	BODY BOLT	SS304
36	BOLT WASHER	SS304
37	BOLT NUT	SS304

DIMENSIONS

V-105T	SIZE	BORE	L	E	H
mm	1/4 "	11.50	54.00	103.90	49.00
	3/8 "	12.50	54.00	103.90	49.00
	1/2 "	15.00	63.50	123.00	56.40
	3/4 "	20.00	72.40	123.00	61.00
	1 "	25.00	81.00	145.00	69.10
	1-1/4 "	32.00	94.50	145.00	73.00
	1-1/2 "	38.00	108.00	189.00	84.60
	2 "	50.00	121.40	189.00	91.40
	2-1/2 "	65.00	157.50	255.00	115.10
	3 "	80.00	190.00	261.00	139.40
	4 "	100.00	225.00	325.00	216.50
	inch	1/4 "	0.45	2.13	4.09
3/8 "		0.49	2.13	4.09	1.93
1/2 "		0.59	2.50	4.84	2.22
3/4 "		0.79	2.85	4.84	2.40
1 "		0.98	3.19	5.71	2.72
1-1/4 "		1.26	3.72	5.71	2.87
1-1/2 "		1.50	4.25	7.44	3.33
2 "		1.97	4.78	7.44	3.60
2-1/2 "		2.56	6.20	10.04	4.53
3 "		3.15	7.48	10.28	5.49
4 "		3.94	8.86	12.80	8.52

Features :

Investment Casting
Blow out proof stem, In-line Maintenance
For Chemical, Industrial Application
Carbon Steel or Super Alloy upon request

Standard Compliance :

Body wall thickness : EN 12516-1/2/3
Threaded end : BS 21 (BSP)
BSPT
ISO 228-1G
DIN 2999
ISO 7-1Rp

Face to Face : MD's standard
Body material : EN1503-1
Pressure testing : EN 12266

Specification :

End connection : Threaded end
Working Pressure : 63 bar (CWP) for DN8-50 / 1000 PSI
40 bar (CWP) for DN65-100 / 800 PSI
Temperature : -20 to 180°C

Option :

1. Locking Device Handle
2. F to F Length : DIN 3203 M3

