

Fig No. V-L05 Full Bore
1/2" ~ 2" DN15 ~ 50



Features :

Three piece body design
 Forged body, Blow-out-proof Stem
 For Industrial, chemical application
 Carbon Steel & Super Alloy upon request

Standard Compliance :

Body wall thickness : EN 12516-1/3
 Threaded end : BS 21 (BSP)
 BSPT
 ISO 228-1
 DIN 2999
 ISO7-1Rp

Face to Face : MFG standard
 Body Material : ASTM A105N
 Pressure Testing : EN12266

Specification

End Connection : Threaded end
 Working Pressure : 255 Bar (RT)
 Temperature : -20 ~ 180^o C

MATERIALS LIST

NO.	PART NAME	MATERIAL
1	BODY	ASTM A105
4	BALL	ASTM A182 Gr.F316 +CHROMEPLATED
5	STEM	ASTM A693 TYPE 630(17-4PH)
9	END CAP	ASTM A105
11	BODY SEAL	GRAPHITE
12	SEAT	DELFIN
13	THRUST WASHER	GRAPHITE
14	STEM PACKING	GRAPHITE
15	GLAND	SS316
19	HANDLE	ASTM A216 Gr.WCB+GALVANIZATION
24	HANDLE NUT	ASTM A194 Gr.8
26	SPRING	COLD WORKED 316
29	BELLEVILLE WASHER	SS316
31	O-RING	VITON
31-1	O-RING	VITON
42	GLAND BOLT	ASTM A193 Gr.B8
47	GLAND FLANGE	SS304

DIMENSIONS

unit:mm

SIZE	PORT	L	L4	E	H	H3	H6
DN15	1/2"	12.7	112.0	13.6	165.0	84.0	44.0
DN20	3/4"	19.0	112.0	13.9	205.0	96.0	52.0
DN25	1"	25.4	140.0	17.4	205.0	96.0	63.0
DN32	1-1/4"	32.0	160.0	18.0	255.0	135.0	90.0
DN40	1-1/2"	38.0	160.0	18.4	255.0	135.0	90.0
DN50	2"	50.8	193.0	19.2	315.0	163.0	125.0

