

Forged Steel Globe Valve

LV 7720 NPT / LV 7721 BSPT / LV 7723 Socket Weld

Designed to API 602, 13% CR + HFS No. 8 Trim, Tested to API 598

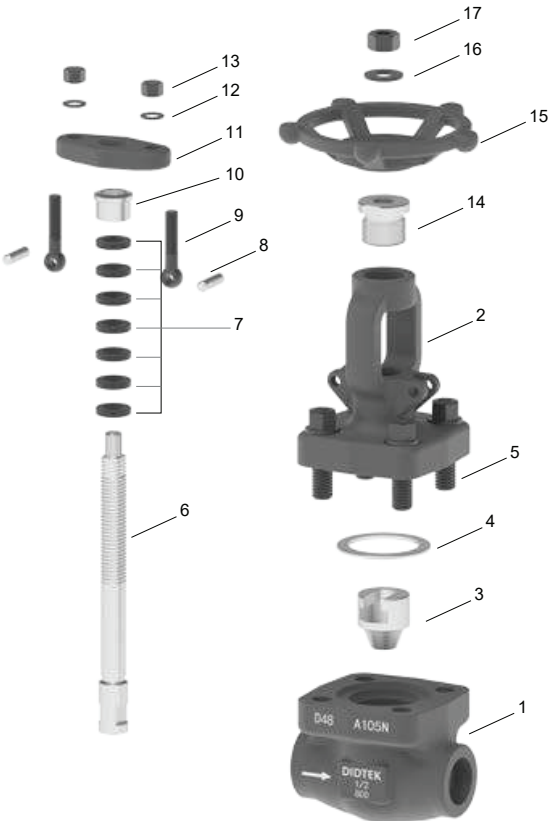
LV7720 = NPT LV7721 = BSPT LV7723 = Socket Weld



Pressure / Temperature Specifications	
Pressure	ASME Class 800
Temperature	-29°C to 538°C

Pressure / Temperature Table	
Temperature (°C)	Pressure (Bar)
-29 to 38	136.2
50	133.7
100	124.3
150	120.2
200	116.8
250	106.2
325	103.2
350	100.2
375	97.0
400	92.6
425	76.7
450	61.3
475	46.5
500	31.4
538	15.7

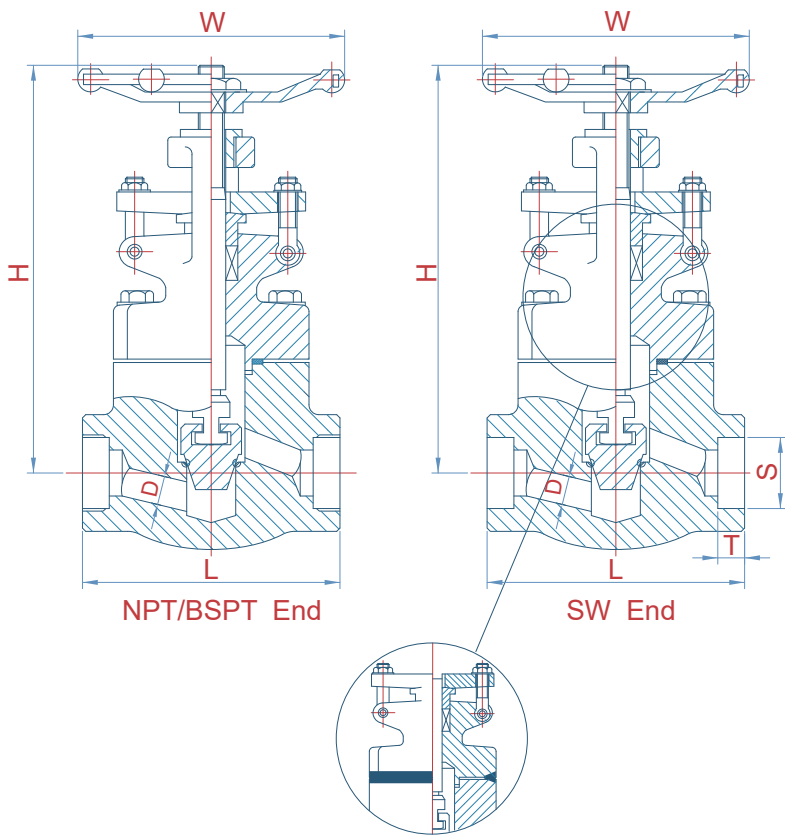
Material Specifications	
1. Body	ASTM A105 Forged Carbon Steel +13CR
2. Bonnet	ASTM A105 Forged Carbon Steel
3. Disc	ASTM A182 Forged Stainless Steel
4. Gasket	Spiral Wound Stainless Steel + Graphite
5. Bolt	A193 B7 Steel
6. Stem	ASTM A182 Forged Stainless Steel
7. Stem Packing	Braided Graphite
8. Gland Eyebolt Pin	A29 1035 Carbon Steel
9. Bolt	A193 B7 Steel
10. Packing Bush	13Cr
11. Gland Flange	ASTM A105 Forged Carbon Steel
12. Washer	A29 1035 Carbon Steel
13. Nut	A194 2H Carbon Steel
14. Stem Nut	A276 410 Stainless Steel
15. Handwheel	Ductile Iron
16. Washer	A29 1035 Carbon Steel
17. Handwheel Lock Nut	A29 1035 Carbon Steel



Continues on Page 2

Forged Steel Globe Valve

LV 7720 NPT / LV 7721 BSPT / LV 7723 Socket Weld



Dimensions							
DN	L	D	S	T	H	W	Kg
1/2"	79	10.5	21.8	10	164	100	2.28
3/4"	92	13.5	27.2	13	164	100	2.37
1"	111	17.5	33.9	13	203	125	4.3
1 1/2"	152	27	48.8	13	260	160	7.8
2"	172	33	61.2	16	300	180	12.5