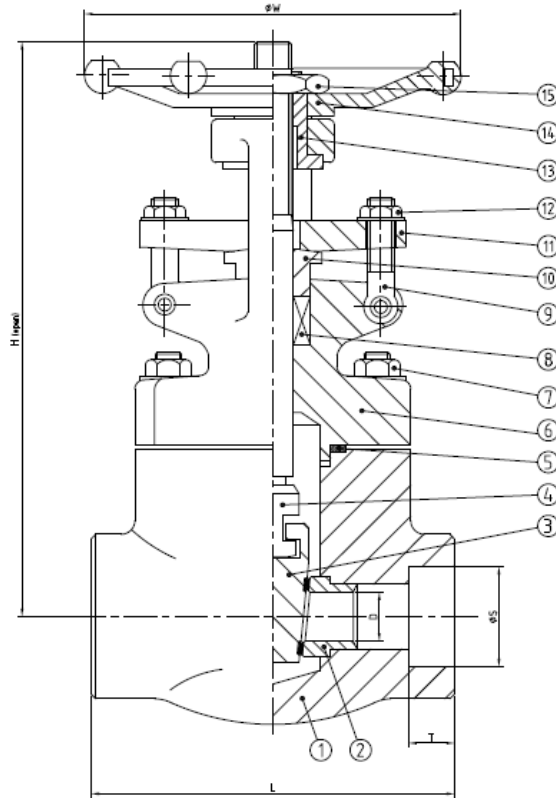
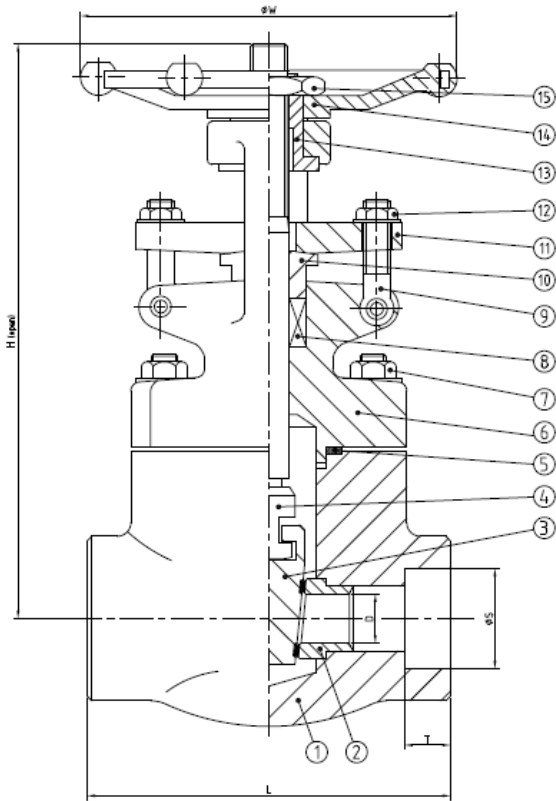


**API 602 & MS SP 118**  
**ASME B16.34**





Item	Description	Material	
		Carbon steel	Stainless Steel
1	Body	ASTMA 105	A 182 F316L
2	Seat	13Cr+STL	A 182 F316L+STL
3	Gate	13Cr+STL	A 182 F316L
4	Stem	13Cr	A 182 F316L
5	Gasket	SS304+Graphite	SS316+Graphite
6	Bonnet	ASTMA 105	A 182 F316L
7	Bonnet Bolt	A193B7M	A193B8M
8	Stem Packing	Graphite	Graphite
9	Bolt	A193B7M	A193B8M
10	Gland	13Cr	AISI316L
11	Gland Flange	ASTMA 105	A 182 F316L
12	Nut	A194 2HM	A194 8M
13	Stem Nut	13Cr	13Cr
14	Handwheel	A197	A197
15	H.W. Lock Nut	CARBON STEEL	CARBON STEEL



DN	L	H open	ØW	ØS	T	D	WEIGHT
15 (1/2")	111	166	100	21,8	10	10	3,5
20 (3/4")	111	198	125	27,2	13	13	4
25 (1")	120	217	160	33,9	13	17,5	6
40 (1 1/2")	140	274	180	48,8	13	29	10,8
50 (2")	178	320	200	61,2	16	36	15,5

(\*) Dimensions in mm and weight in kg.

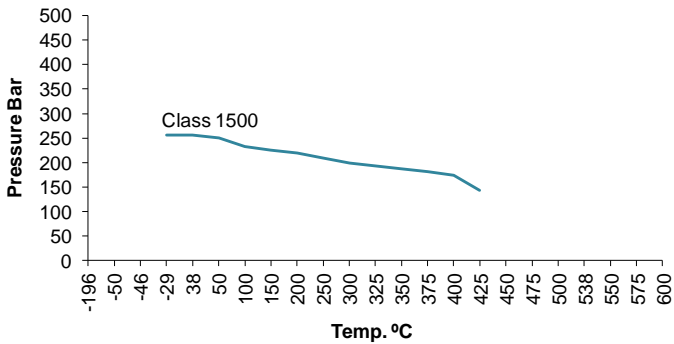
DESIGN STANDARDS		
Valves design	ASME B16.34	API 602
Connections	ANSI B1.20.1	ANSI B 16.11
Shell thickness	ASME B16.34	
Face to face dimensions	Manufacturer's standard	
TESTS AND CERTIFICATES		
Quality Assurance	ISO 9001	
Pressure testing	EN 12266-1	
Others	EN19	

Kv Values in m3/h			
DN	Kv	DN	Kv
15 (1/2")	15	40 (1 1/2")	80
20 (3/4")	15	50 (2")	135
1" (25)	29		

### Pressure-Temperature Chart

TEST PRESSURE Kg/cm2 (g)		
HYDROSTATIC		AIR
BODY	SEAT & BACKSEAT	SEAT
383	285	6

A105N



A479 316L

