

KAT VALVE

Industrial Valves Fittings and parts www.katvalve.com

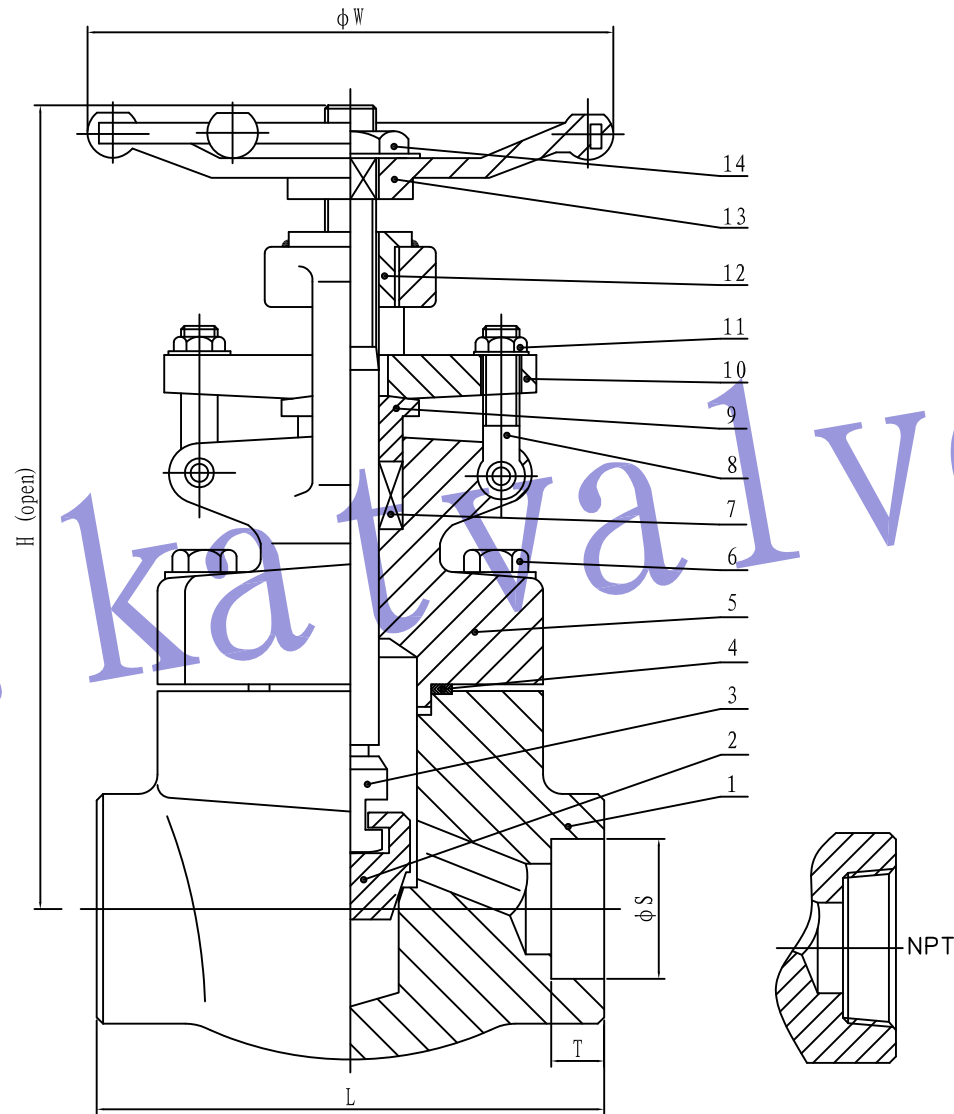
sales@katvalve.com & info@katvalve.com



www.katvalve.com

800LB Main Dimension(mm)

NPS	L	H	W	T	ØS
1/4"	79	166	100	9.6	14.1
3/8"	79	166	100	9.6	17.6
1/2"	79	166	100	9.6	21.8
3/4"	92	175	100	12.7	27.1
1"	111	206	125	12.7	33.8
1 1/4"	120	228	160	12.7	42.6
1 1/2"	152	262	160	12.7	48.7
2"	172	300	180	15.9	61.1



14	Lock nut	ASTM A194 2H
13	Handwheel	Ductile Iron
12	Stem nut	ASTM A439 D2
11	Eye nut	ASTM A194 2H
10	Gland flange	ASTM A105
9	Gland	ASTM 276 420
8	Eye Bolt	ASTM A193 B7
7	Packing	Graphite
6	Bolt	ASTM A193 B7
5	Bonnet	ASTM A105N
4	Gasket	SS304+Graphite
3	Stem	ASTM A276 410
2	Disc	ASTM A182 13Cr
1	Body	ASTM A105N+13Cr
NO.	Part name	Material

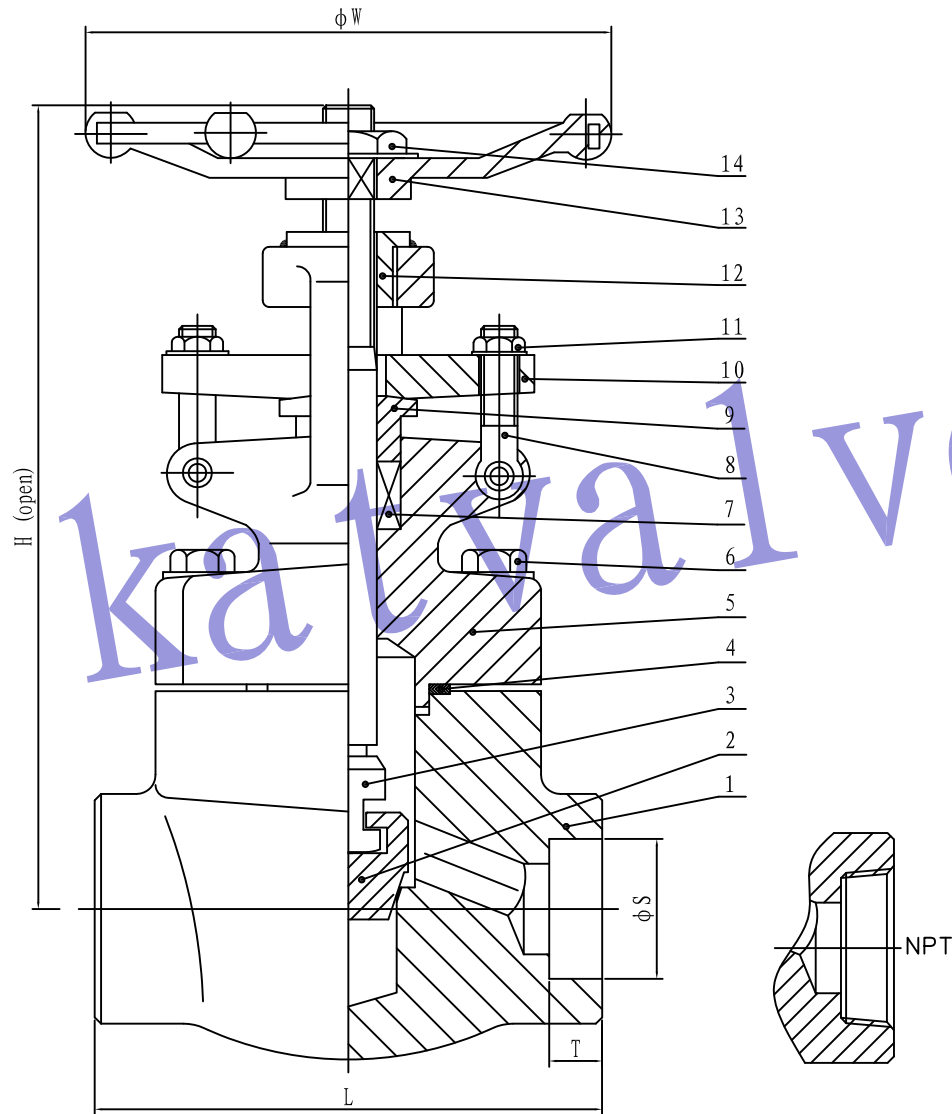
CLASS 800, HW-OP
BB, SW/NPT, GLOBE VALVES

Design and Manufacture	API 602
Face to Face Dimensions	Manufacturers
Screw Ends Dimensions	ASME B1.20.1
Socket Ends Dimensions	ASME B16.11
Pressure Test	API 598
Body Marking	MSS SP-25
DRAWN BY	www.katvalve.com
DESIGNED BY	info@katvalve.com
CHECKED BY	sales@katvalve.com

www.katvalve.com

1500LB Main Dimension(mm)

NPS	L	H	W	T	ØS
1/4"	79	166	100	9.6	14.1
3/8"	79	166	100	9.6	17.6
1/2"	111	170	125	9.6	21.8
3/4"	111	193	125	12.7	27.1
1"	120	230	160	12.7	33.8
1 1/4"	152	246	160	12.7	42.6
1 1/2"	172	283	180	12.7	48.7
2"	220	325	200	15.9	61.1



14	Lock nut	ASTM A194 2H
13	Handwheel	Ductile Iron
12	Stem nut	ASTM A439 D2
11	Eye nut	ASTM A194 2H
10	Gland flange	ASTM A105
9	Gland	ASTM 276 420
8	Eye Bolt	ASTM A193 B7
7	Packing	Graphite
6	Bolt	ASTM A193 B7
5	Bonnet	ASTM A105N
4	Gasket	SS304+Graphite
3	Stem	ASTM A276 420
2	Disc	ASTM A182 13Cr
1	Body	ASTM A105N+13Cr
NO.	Part name	Material

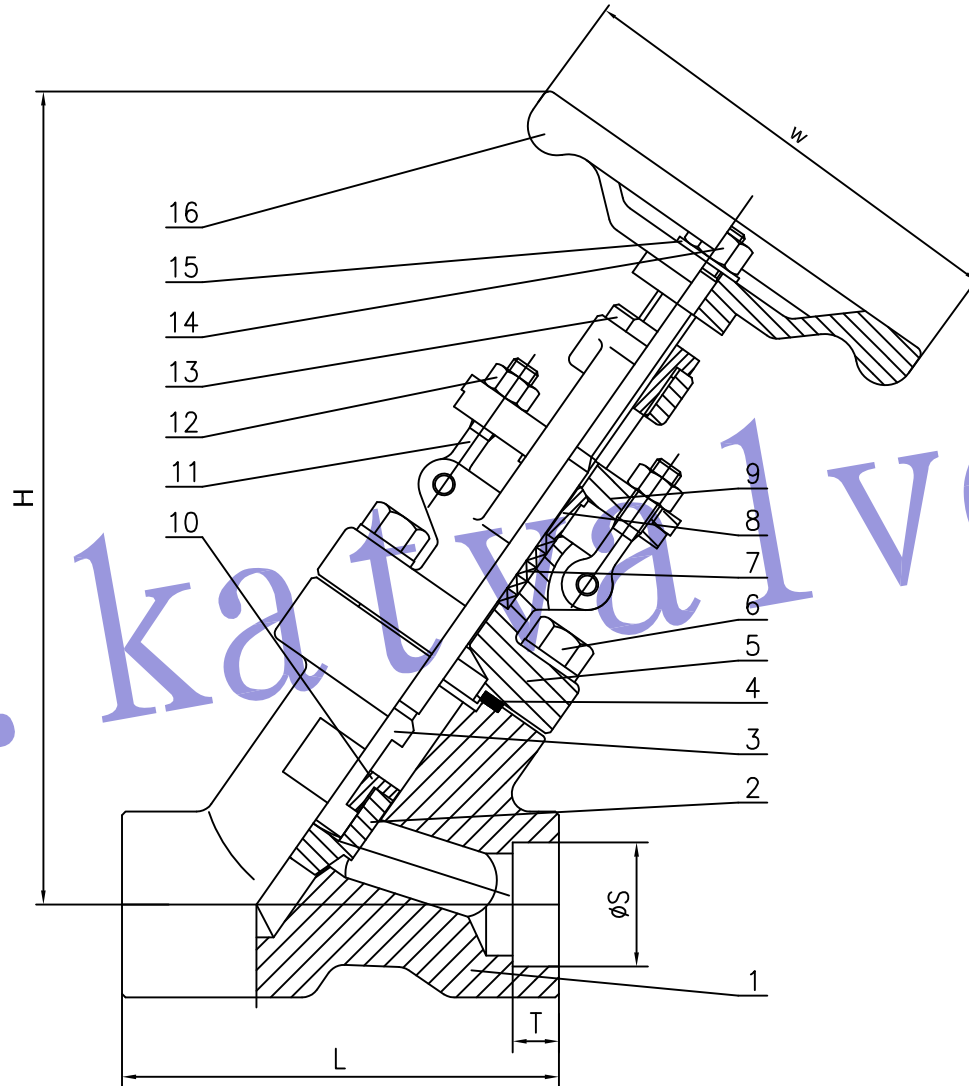
CLASS 1500, HW-OP
BB, SW/NPT, GLOBE VALVES

Design and Manufacture	API 602
Face to Face Dimensions	Manufacturers
Screw Ends Dimensions	ASME B1.20.1
Socket Ends Dimensions	ASME B16.11
Pressure Test	API 598
Body Marking	MSS SP-25
DRAWN BY	www.katvalve.com
DESIGNED BY	info@katvalve.com
CHECKED BY	sales@katvalve.com

www.katvalve.com

800LB Main Dimension(mm)

NPS	L	H	W	T	ØS
1/4"	98	240	100	9.6	14.1
3/8"	98	240	100	9.6	17.6
1/2"	98	240	100	9.6	21.8
3/4"	98	240	100	12.7	27.1
1"	120	290	125	12.7	33.8
1 1/4"	140	302	160	12.7	42.6
1 1/2"	140	368	160	12.7	48.7
2"	170	370	180	15.9	61.1



16	Handwheel	Ducton Iron
15	Gasket	ANSI 1025
14	Lock nut	ASTM A194 2H
13	Stem nut	ASTM A439 D2
12	Eye nut	ASTM A194 2H
11	Eye Bolt	ASTM A193 B7
10	Lock nut	ANSI 1025
9	Gland flange	ASTM A105
8	Gland	ASTM 276 420
7	Packing	Graphite
6	Bolt	ASTM A193 B7
5	Bonnet	ASTM A105N
4	Gasket	SS304+Graphite
3	Stem	ASTM A276 420
2	Disc	ASTM A182 13Cr
1	Body	ASTM A105N+13Cr
NO.	Part name	Materia

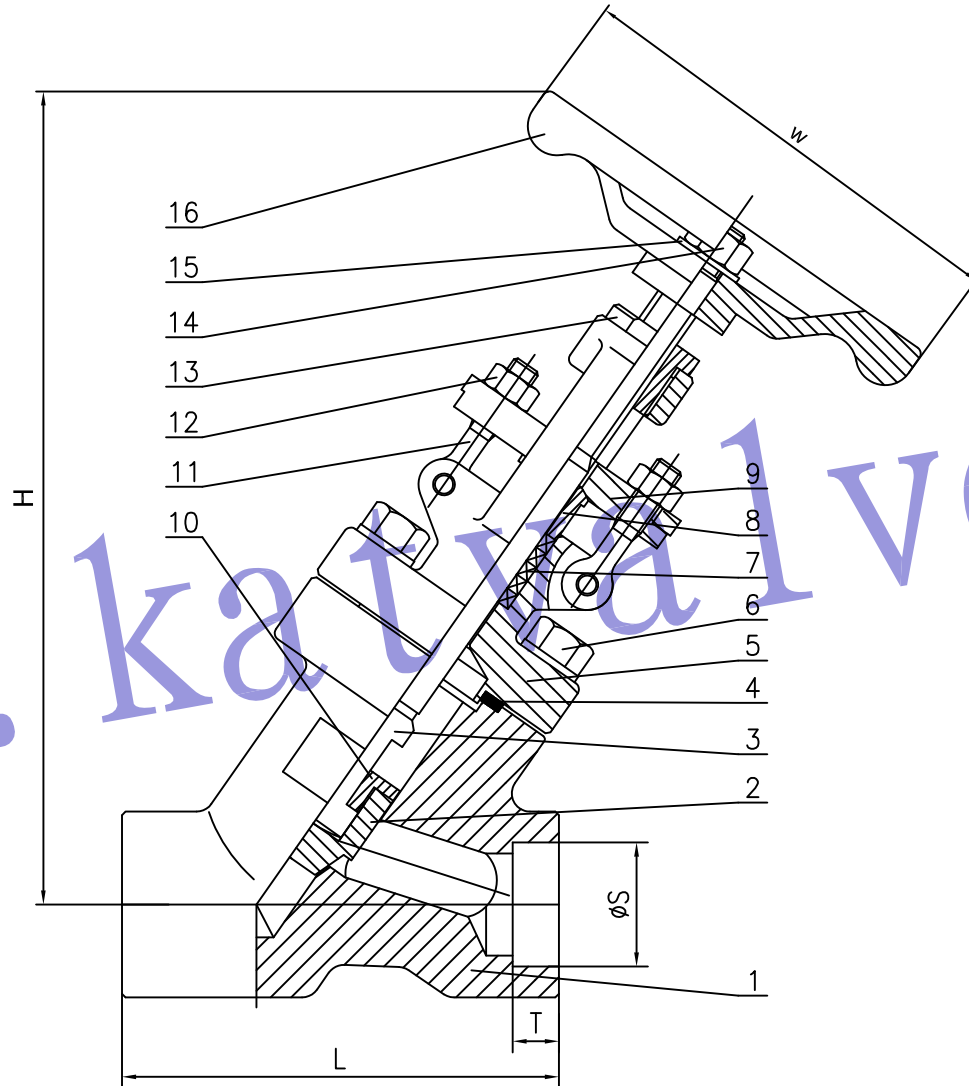
CLASS 800, HW-OP
BB, SW/NPT,Y TYPE GLOBE VALVES

Design and Manufacture	API 602
Face to Face Dimensions	Manufacturers
Screw Ends Dimensions	ASME B1.20.1
Socket Ends Dimensions	ASME B16.11
Pressure Test	API 598
Body Marking	MSS SP-25
DRAWN BY	www.katvalve.com
DESIGNED BY	info@katvalve.com
CHECKED BY	sales@katvalve.com

www.katvalve.com

800LB Main Dimension(mm)

NPS	L	H	W	T	ØS
1/4"	98	240	100	9.6	14.1
3/8"	98	240	100	9.6	17.6
1/2"	98	240	100	9.6	21.8
3/4"	98	240	100	12.7	27.1
1"	120	290	125	12.7	33.8
1 1/4"	140	302	160	12.7	42.6
1 1/2"	140	368	160	12.7	48.7
2"	170	370	180	15.9	61.1



16	Handwheel	Duction Iron
15	Gasket	ANSI 1025
14	Lock nut	ASTM A194 2H
13	Stem nut	ASTM A439 D2
12	Eye nut	ASTM A194 2H
11	Eye Bolt	ASTM A193 B7
10	Lock nut	ANSI 1025
9	Gland flange	ASTM A105
8	Gland	ASTM 276 420
7	Packing	Graphite
6	Bolt	ASTM A193 B7
5	Bonnet	ASTM A105N
4	Gasket	SS304+Graphite
3	Stem	ASTM A276 420
2	Disc	ASTM A182 13Cr
1	Body	ASTM A105N+13Cr
NO.	Part name	Materia

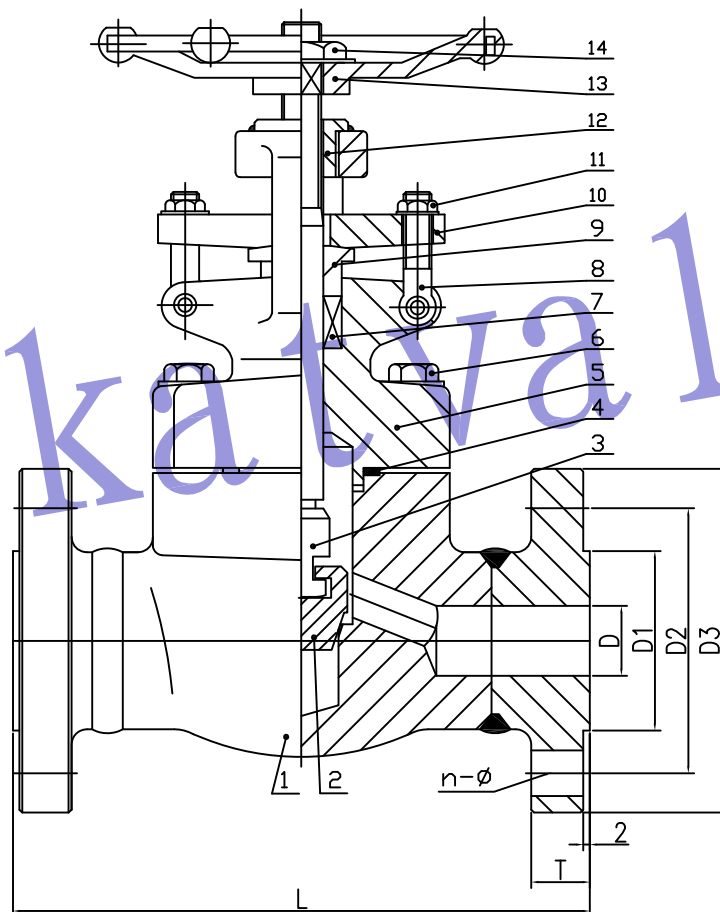
CLASS 1500, HW-OP
BB, SW/NPT,Y TYPE GLOBE VALVES

Design and Manufacture	API 602
Face to Face Dimensions	Manufacturers
Screw Ends Dimensions	ASME B1.20.1
Socket Ends Dimensions	ASME B16.11
Pressure Test	API 598
Body Marking	MSS SP-25
DRAWN BY	www.katvalve.com
DESIGNED BY	info@katvalve.com
CHECKED BY	sales@katvalve.com

www.katvalve.com

150LB Main Dimension (mm)

NPS	L	D	D1	D2	B	Z-φ
1/2"	178	89	60.5	35	9.6	4-16
3/4"	229	98	69.9	43	10.5	4-16
1"	L	108	79.3	51	11.1	4-16
1 1/4"	L	118	88.9	64	12.7	4-16
1 1/2"	L	127	98.6	73	14.3	4-16
2"	178	152	120.7	92	16.0	4-19



14	Lock nut	ASTM A194 2H
13	Handwheel	Duction Iron
12	Stem nut	ASTM A439 D2
11	Eye nut	ASTM A194 2H
10	Gland flange	ASTM A105
9	Gland	ASTM A182 F6
8	Eye Bolt	ASTM A193 B7
7	Packing	Graphite
6	Bolt	ASTM A193 B7
5	Bonnet	ASTM A105N
4	Gasket	SS304+Graphite
3	Stem	ASTM A276 410
2	Disc	ASTM A182 F6
1	Body	ASTM A105N+F6a
NO.	Part name	Materia

CLASS 150, HW-OP

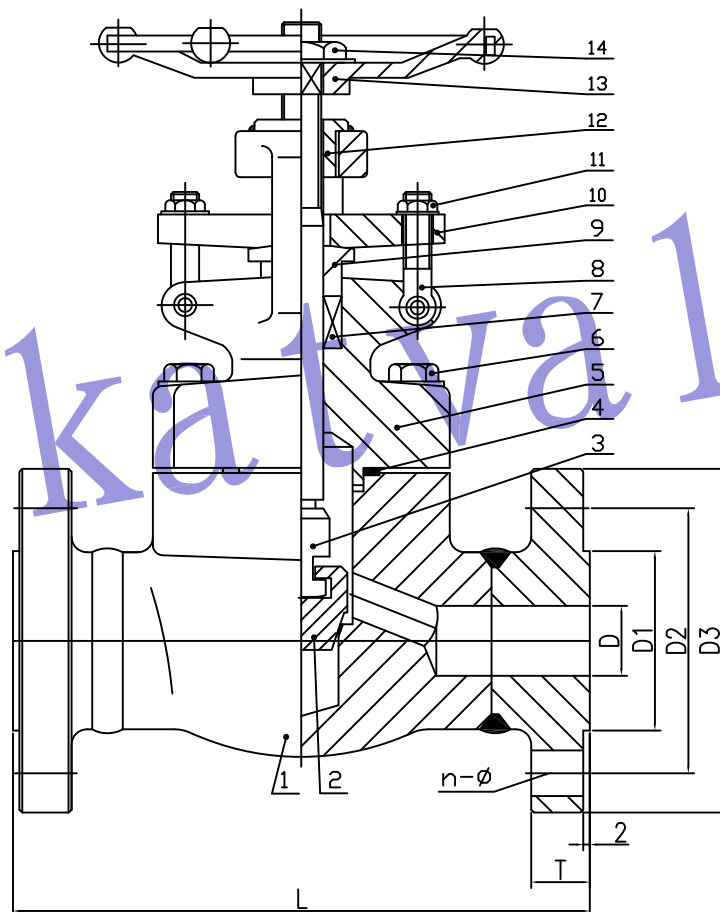
BB,RF,GLOBE VALVES

Design and Manufacture	API 602
Face to Face Dimensions	ASME B16.10
Flange Ends Dimensions	ASME B16.5
Pressure Test	API 598
Pressure/Temp. Rating	ASME B16.34
Body Marking	MSS SP-25
DRAWN BY	www.katvalve.com
DESIGNED BY	info@katvalve.com
CHECKED BY	sales@katvalve.com

www.katvalve.com

300LB Main Dimension (mm)

NPS	L	D	D1	D2	B	Z-φ
1/2"	178	95	66.6	35	14.2	4-16
3/4"	229	117	82.5	43	15.7	4-19
1"	L	124	88.9	51	17.5	4-19
1 1/4"	L	133	98.5	64	19.0	4-19
1 1/2"	L	155	114.3	73	20.6	4-22
2"	178	165	127.0	92	22.3	8-19



14	Lock nut	ASTM A194 2H
13	Handwheel	Duction Iron
12	Stem nut	ASTM A439 D2
11	Eye nut	ASTM A194 2H
10	Gland flange	ASTM A105
9	Gland	ASTM A182 F6
8	Eye Bolt	ASTM A193 B7
7	Packing	Graphite
6	Bolt	ASTM A193 B7
5	Bonnet	ASTM A105N
4	Gasket	SS304+Graphite
3	Stem	ASTM A276 410
2	Disc	ASTM A182 F6
1	Body	ASTM A105N+F6a
NO.	Part name	Material

CLASS 300, HW-OP

BB,RF,GLOBE VALVES

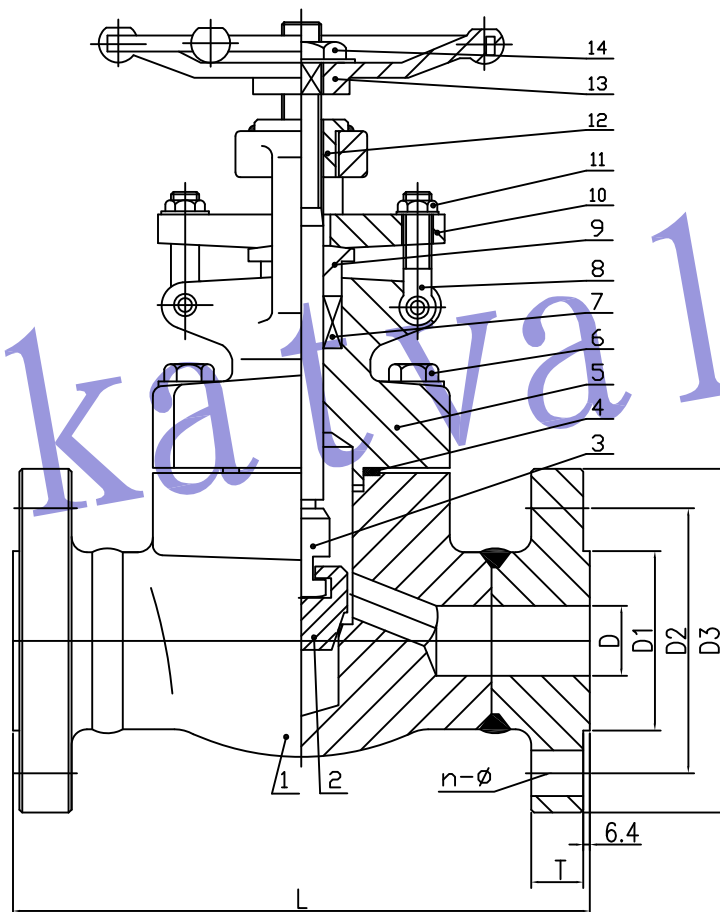
Design and Manufacture	API 602
Face to Face Dimensions	ASME B16.10
Flange Ends Dimensions	ASME B16.5
Pressure Test	API 598
Pressure/Temp. Rating	ASME B16.34
Body Marking	MSS SP-25

DRAWN BY	www.katvalve.com
DESIGNED BY	info@katvalve.com
CHECKED BY	sales@katvalve.com

www.katvalve.com

600LB Main Dimension (mm)

NPS	L	D	D1	D2	B	Z-φ
1/2"	178	95	66.6	35	14.2	4-16
3/4"	229	117	82.5	43	15.7	4-19
1"	L	124	88.9	51	17.5	4-19
1 1/4"	L	133	98.5	64	20.6	4-19
1 1/2"	L	155	114.3	73	22.4	4-22
2"	178	165	127.0	92	25.4	8-19



14	Lock nut	ASTM A194 2H
13	Handwheel	Ducton Iron
12	Stem nut	ASTM A439 D2
11	Eye nut	ASTM A194 2H
10	Gland flange	ASTM A105
9	Gland	ASTM A182 F6
8	Eye Bolt	ASTM A193 B7
7	Packing	Graphite
6	Bolt	ASTM A193 B7
5	Bonnet	ASTM A105N
4	Gasket	SS304+Graphite
3	Stem	ASTM A276 410
2	Disc	ASTM A182 F6
1	Body	ASTM A105N+F6a
NO.	Part name	Material

CLASS 600, HW-OP

BB,RF,GLOBE VALVES

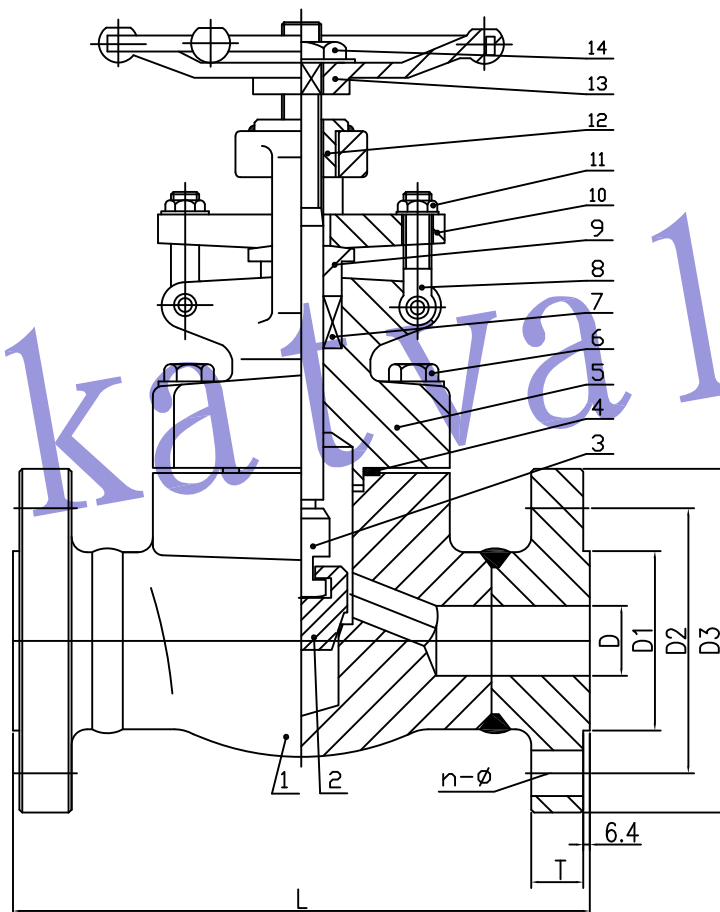
Design and Manufacture	API 602
Face to Face Dimensions	ASME B16.10
Flange Ends Dimensions	ASME B16.5
Pressure Test	API 598
Pressure/Temp. Rating	ASME B16.34
Body Marking	MSS SP-25

DRAWN BY	www.katvalve.com
DESIGNED BY	info@katvalve.com
CHECKED BY	sales@katvalve.com

www.katvalve.com

900LB Main Dimension (mm)

NPS	L	D	D1	D2	B	Z-φ
1/2"	178	121	82.5	35	22.3	4-22
3/4"	229	130	88.9	43	25.4	4-22
1"	L	149	101.6	51	28.4	4-25
1 1/4"	L	159	111.2	64	28.4	4-25
1 1/2"	L	178	123.9	73	31.7	4-29
2"	178	216	165.1	92	38.1	8-25



14	Lock nut	ASTM A194 2H
13	Handwheel	Duction Iron
12	Stem nut	ASTM A439 D2
11	Eye nut	ASTM A194 2H
10	Gland flange	ASTM A105
9	Gland	ASTM A182 F6
8	Eye Bolt	ASTM A193 B7
7	Packing	Graphite
6	Bolt	ASTM A193 B7
5	Bonnet	ASTM A105N
4	Gasket	SS304+Graphite
3	Stem	ASTM A276 410
2	Disc	ASTM A182 F6
1	Body	ASTM A105N+F6a
NO.	Part name	Material

CLASS 900, HW-OP

BB,RF,GLOBE VALVES

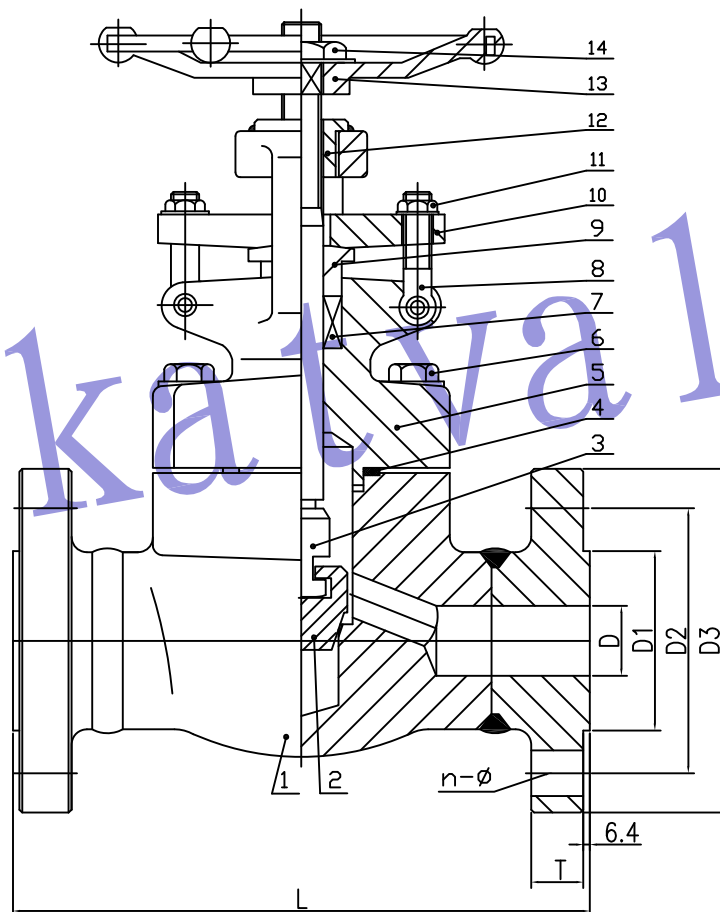
Design and Manufacture	API 602
Face to Face Dimensions	ASME B16.10
Flange Ends Dimensions	ASME B16.5
Pressure Test	API 598
Pressure/Temperature Rating	ASME B16.34
Body Marking	MSS SP-25

DRAWN BY	www.katvalve.com
DESIGNED BY	info@katvalve.com
CHECKED BY	sales@katvalve.com

www.katvalve.com

1500LB Main Dimension (mm)

NPS	L	D	D1	D2	B	Z-φ
1/2"	178	121	82.5	35	22.3	4-22
3/4"	229	130	88.9	43	25.4	4-22
1"	L	149	101.6	51	28.4	4-25
1 1/4"	L	159	111.2	64	28.4	4-25
1 1/2"	L	178	123.9	73	31.7	4-29
2"	178	216	165.1	92	38.1	8-25



14	Lock nut	ASTM A194 2H
13	Handwheel	Duction Iron
12	Stem nut	ASTM A439 D2
11	Eye nut	ASTM A194 2H
10	Gland flange	ASTM A105
9	Gland	ASTM A182 F6
8	Eye Bolt	ASTM A193 B7
7	Packing	Graphite
6	Bolt	ASTM A193 B7
5	Bonnet	ASTM A105N
4	Gasket	SS304+Graphite
3	Stem	ASTM A276 410
2	Disc	ASTM A182 F6
1	Body	ASTM A105N+F6a
NO.	Part name	Material

CLASS 1500, HW-OP

BB,RF,GLOBE VALVES

Design and Manufacture	API 602
Face to Face Dimensions	ASME B16.10
Flange Ends Dimensions	ASME B16.5
Pressure Test	API 598
Pressure/Temperature Rating	ASME B16.34
Body Marking	MSS SP-25

DRAWN BY	www.katvalve.com
DESIGNED BY	info@katvalve.com
CHECKED BY	sales@katvalve.com