

KAT VALVE

Industrial Valves Fittings and parts www.katvalve.com

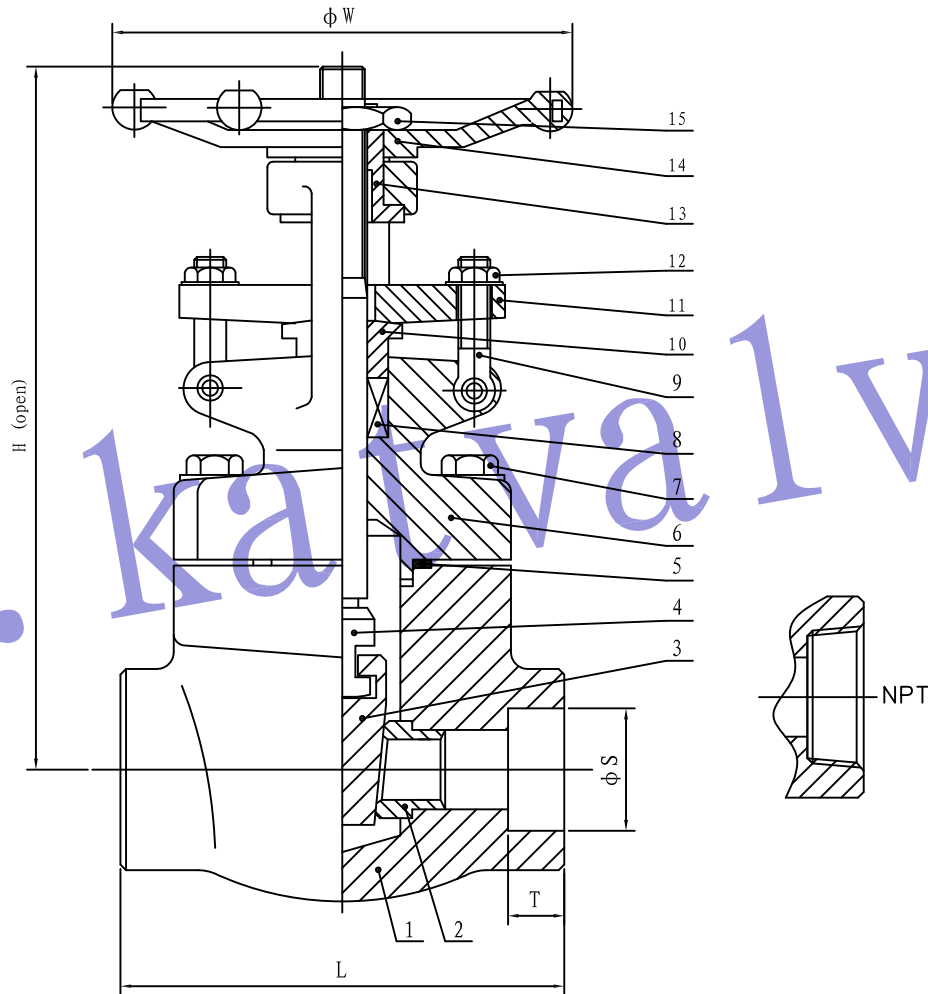
sales@katvalve.com & info@katvalve.com



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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	169	100	12.7	27.1
1"	111	195	125	12.7	33.8
1 1/4"	120	228	160	12.7	42.6
1 1/2"	120	245	160	12.7	48.7
2"	140	283	180	15.9	61.1



15	Lock nut	ANSI 1020
14	Handwheel	Ductile Iron
13	Stem nut	ASTM A439 D2
12	Eye nut	ASTM A194 2H
11	Gland flange	ASTM A105
10	Gland	ASTM A182 F6
9	Eye Bolt	ASTM A193 B7
8	Packing	Graphite
7	Bolt	ASTM A193 B7
6	Bonnet	ASTM A105N
5	Gasket	SS304+Graphite
4	Stem	ASTM A276 410
3	Disc	ASTM A182 F6
2	Seat	ASTM A182 F6a
1	Body	ASTM A105N
NO.	Part name	Material

CLASS 800, HW-OP

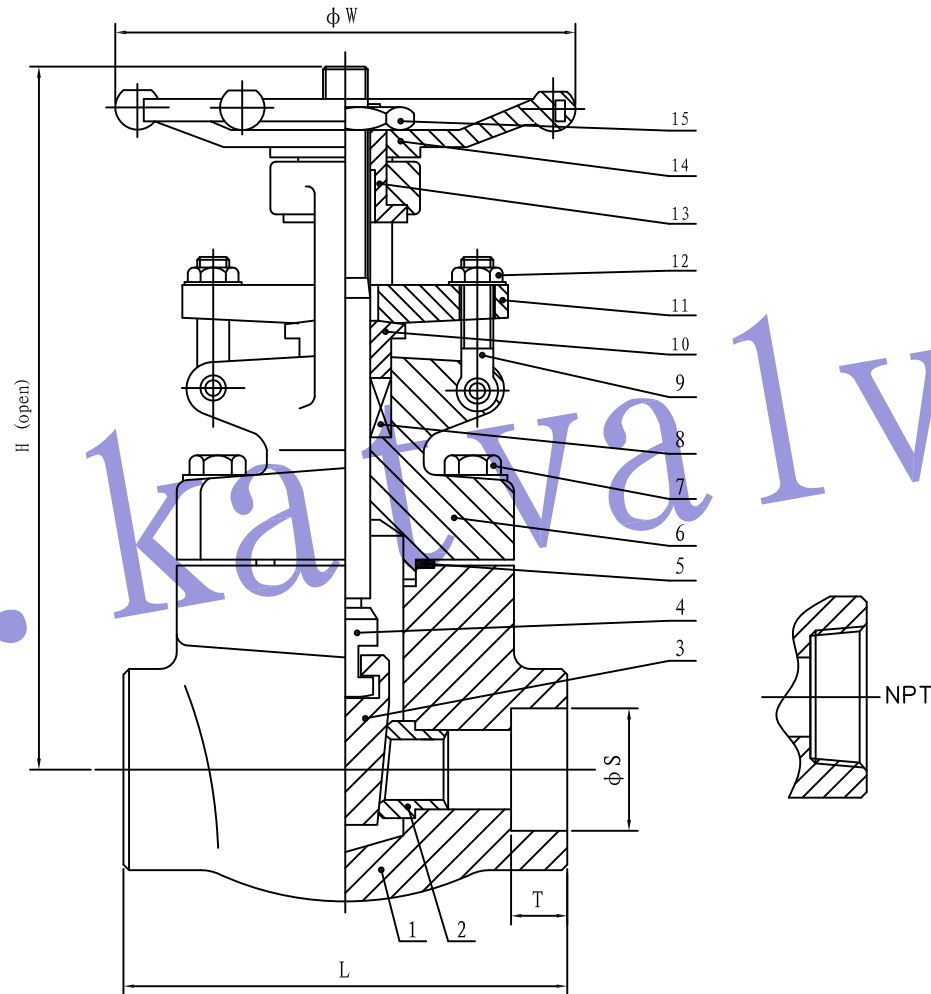
BB, RF, GATE VALVES

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
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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	169	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"	120	246	180	12.7	42.6
1 1/2"	140	283	200	12.7	48.7
2"	170	330	200	15.9	61.1



15	Lock nut	ANSI 1020
14	Handwheel	Ductile Iron
13	Stem nut	ASTM A439 D2
12	Eye nut	ASTM A194 2H
11	Gland flange	ASTM A105
10	Gland	ASTM A182 F6
9	Eye Bolt	ASTM A193 B7
8	Packing	Graphite
7	Bolt	ASTM A193 B7
6	Bonnet	ASTM A105N
5	Gasket	SS304+Graphite
4	Stem	ASTM A276 410
3	Disc	ASTM A182 F6
2	Seat	ASTM A182 F6a
1	Body	ASTM A105N
NO.	Part name	Material

CLASS 1500, HW-OP

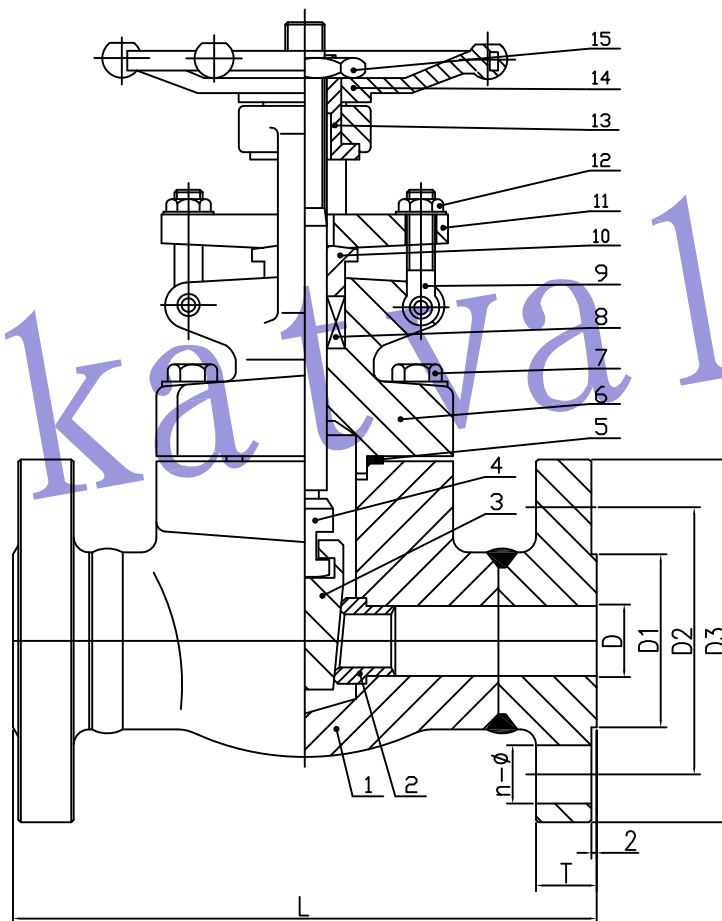
BB, RF, GATE VALVES

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
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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



15	Lock nut	ANSI 1020
14	Handwheel	Ducton Iron
13	Stem nut	ASTM A439 D2
12	Eye nut	ASTM A194 2H
11	Gland flange	ASTM A105
10	Gland	ASTM A182 F6
9	Eye Bolt	ASTM A193 B7
8	Packing	Graphite
7	Bolt	ASTM A193 B7
6	Bonnet	ASTM A105N
5	Gasket	SS304+Graphite
4	Stem	ASTM A276 410
3	Disc	ASTM A182 F6
2	Seat	ASTM A182 F6a
1	Body	ASTM A105N
NO.	Part name	Material

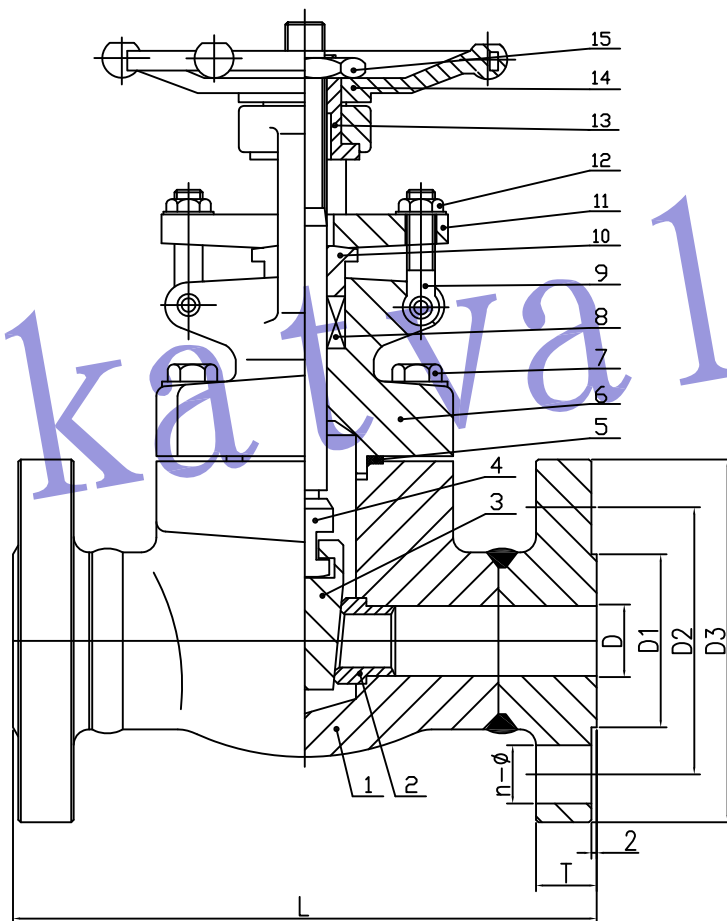
CLASS 150, HW-OP
BB, RF, GATE VALVES

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
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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



15	Lock nut	ANSI 1020
14	Handwheel	Ducton Iron
13	Stem nut	ASTM A439 D2
12	Eye nut	ASTM A194 2H
11	Gland flange	ASTM A105
10	Gland	ASTM A182 F6
9	Eye Bolt	ASTM A193 B7
8	Packing	Graphite
7	Bolt	ASTM A193 B7
6	Bonnet	ASTM A105N
5	Gasket	SS304+Graphite
4	Stem	ASTM A276 410
3	Disc	ASTM A182 F6
2	Seat	ASTM A182 F6a
1	Body	ASTM A105N
NO.	Part name	Material

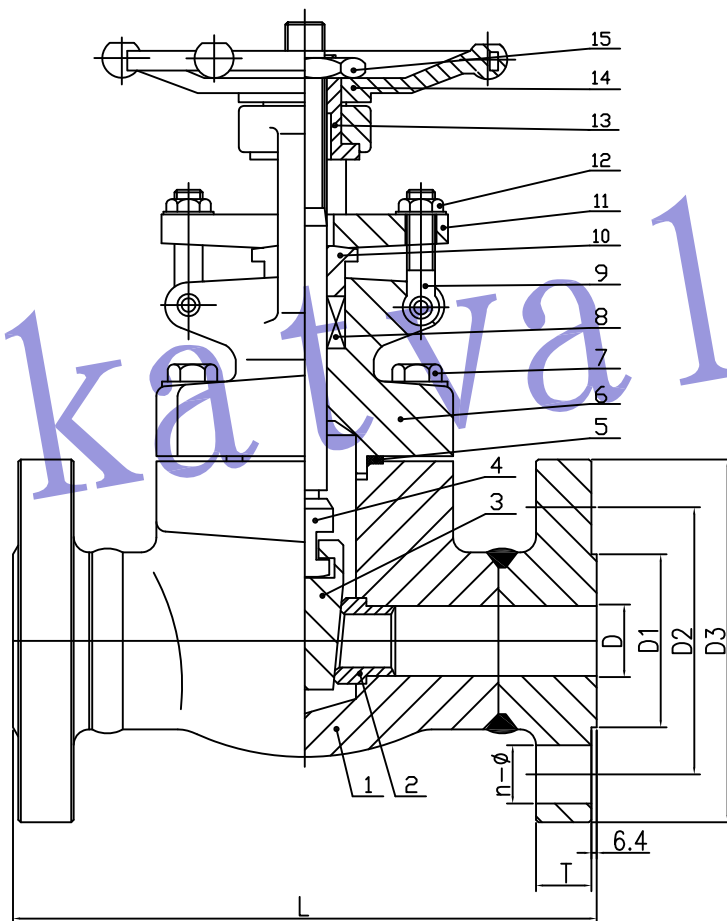
CLASS 300, HW-OP
BB, RF, GATE VALVES

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
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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



15	Lock nut	ANSI 1020
14	Handwheel	Ductile Iron
13	Stem nut	ASTM A439 D2
12	Eye nut	ASTM A194 2H
11	Gland flange	ASTM A105
10	Gland	ASTM A182 F6
9	Eye Bolt	ASTM A193 B7
8	Packing	Graphite
7	Bolt	ASTM A193 B7
6	Bonnet	ASTM A105N
5	Gasket	SS304+Graphite
4	Stem	ASTM A276 410
3	Disc	ASTM A182 F6
2	Seat	ASTM A182 F6a
1	Body	ASTM A105N
NO.	Part name	Material

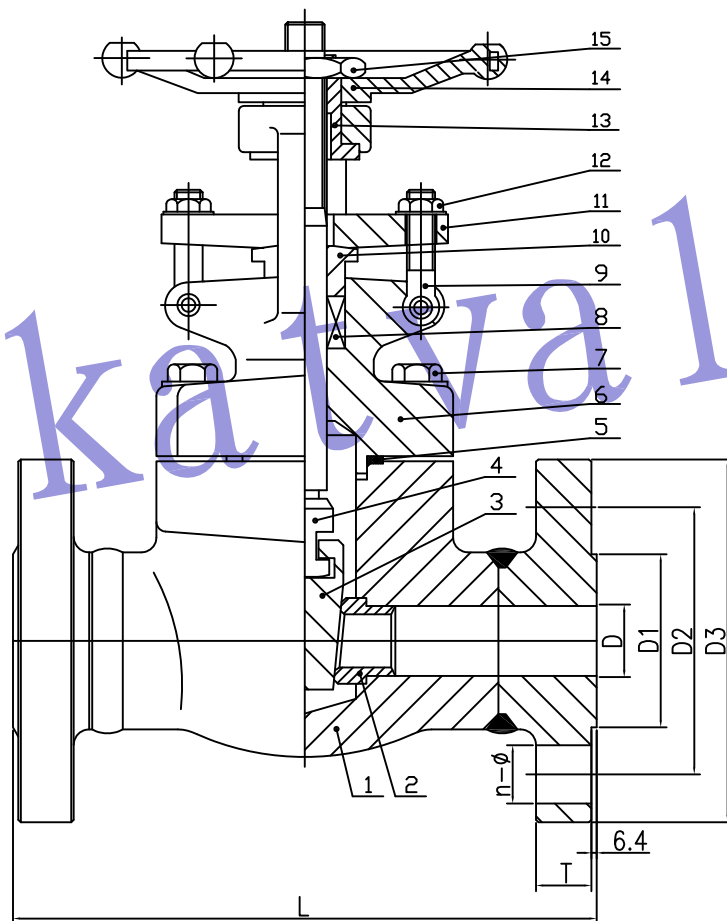
CLASS 600, HW-OP
BB, RF, GATE VALVES

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
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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



15	Lock nut	ANSI 1020
14	Handwheel	Ducton Iron
13	Stem nut	ASTM A439 D2
12	Eye nut	ASTM A194 2H
11	Gland flange	ASTM A105
10	Gland	ASTM A182 F6
9	Eye Bolt	ASTM A193 B7
8	Packing	Graphite
7	Bolt	ASTM A193 B7
6	Bonnet	ASTM A105N
5	Gasket	SS304+Graphite
4	Stem	ASTM A276 410
3	Disc	ASTM A182 F6
2	Seat	ASTM A182 F6a
1	Body	ASTM A105N
NO.	Part name	Materia

CLASS 900, HW-OP

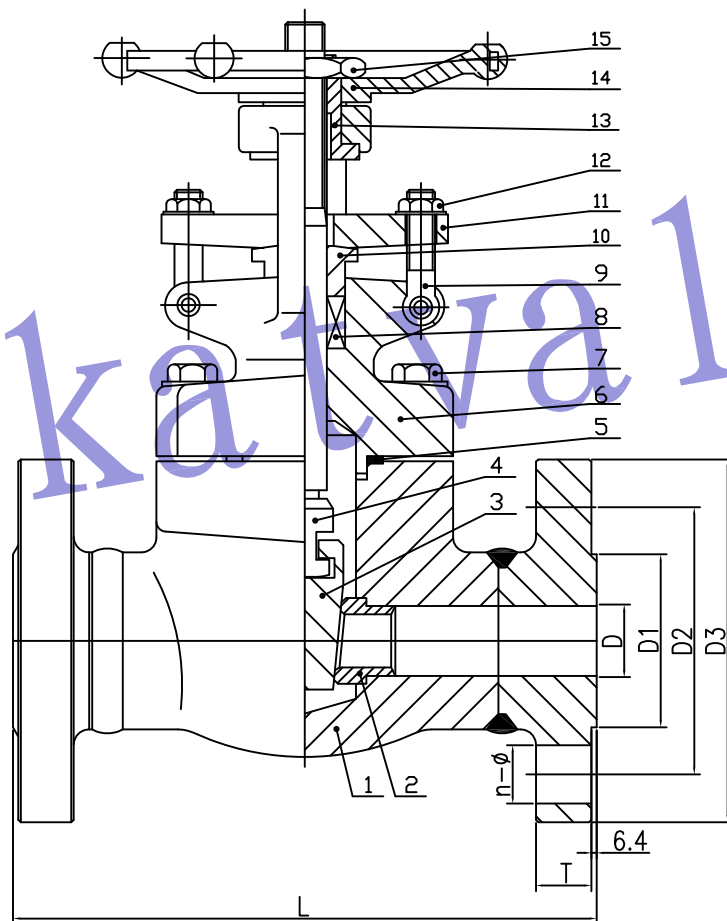
BB, RF, GATE VALVES

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
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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



15	Lock nut	ANSI 1020
14	Handwheel	Ducton Iron
13	Stem nut	ASTM A439 D2
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6	Bonnet	ASTM A105N
5	Gasket	SS304+Graphite
4	Stem	ASTM A276 410
3	Disc	ASTM A182 F6
2	Seat	ASTM A182 F6a
1	Body	ASTM A105N
NO.	Part name	Material

CLASS 1500, HW-OP
BB, RF, GATE VALVES

Design and Manufacture	API 602
Face to Face Dimensions	ASME B16.10
Flange Ends Dimensions	ASME B16.5
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