

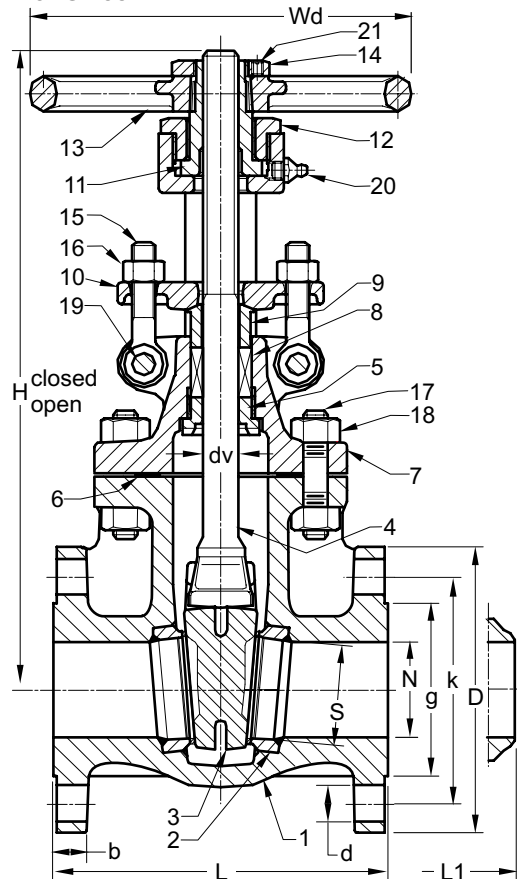
GATE CLASS 150

2" - 12"

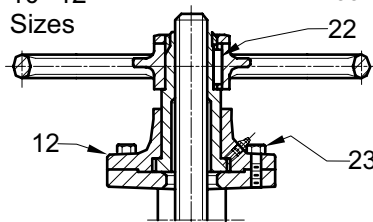


Specifications	
Design	API 600, ASME B 16.34
P-T Rating	ASME B 16.34
Face to Face	ASME B 16.10
Connection	ASME B 16.5, 16.25
Test & Inspection	API 598, RP 591

2"-8" Sizes



10"-12"
Sizes



1550CB2 FLANGED ENDS
1552CB2 BUTT WELD ENDS

Key	Part	ASTM Material Specification Unless otherwise specified
1	Body	A 216 Gr WCB
2	Seat Ring / Facing	A 105 / Co-Cr-W Face A 216 Gr WCB / Co-Cr-W Face
3	Wedge	2" - 6" A 182 Gr F6a or A 216 Gr WCB / 13% Cr Face
		8" - 12" A 216 Gr WCB/13% Cr Face
4	Stem	A 182 Gr F6a
5	Backseat Bushing	A 276 Type 410
6	Gasket	Flex Graphite w/ SS Core
7	Bonnet	A 216 Gr WCB
8	Packing	Graphoil w/ Braided Rings
9	Gland	A 182 Gr F6a
10	Gland Flange	A 105
11	Yoke Nut	A 439 Type D2
12	Yoke Bushing	2" - 8" A 536 Gr 65-45-12
	Yoke Cap	10" - 12" A 216 Gr WCB
13	Handwheel	A 47 Gr 32510
14	Handwheel Nut	A 47 Gr 32510
15	Gland Eyebolt	Carbon Steel
16	Gland Eyebolt Nut	A 307 Gr B
17	Body Bonnet Stud	A 193 Gr B7
18	Body Bonnet Stud Nut	A 194 Gr 2H
19	Gland Eyebolt Pin	Carbon Steel
20	Grease Fitting	Carbon Steel
21	Set Screw	Carbon Steel
22	Key	Carbon Steel
23	Bolt	Carbon Steel

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GENERAL DIMENSIONS

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Size	Port		Line Flange					Face to Face	BW	Height			Line Flange Bolts			Turns to Open	Hand-wheel Wd	Weight Approx.
	Dia.	Dia.	Dia.	Thickness (min.)	Bolt Circle Dia.	Hole Dia.	Raised Face Dia.			Open	Closed	Stem	Quantity	Size				
NPS	N INCHES (mm)	S INCHES (mm)	D INCHES (mm)	b INCHES (mm)	k INCHES (mm)	d INCHES (mm)	g INCHES (mm)	L INCHES (mm)	L1 INCHES (mm)	H INCHES (mm)	H INCHES (mm)	dv INCHES (mm)	INCHES (metric)	INCHES (mm)	lbs (kg)			
2	2.00	2.11	6.00	0.62	4.75	0.75	3.62	7.00	8.50	16.29	13.58	0.75	4	5/8	11.0	8.00	46	
	50.8	53.6	152.4	15.7	120.7	19.1	91.9	177.8	215.9	413.8	344.9	19.1		M16	203.2	21		
2-1/2	2.50	2.58	7.00	0.69	5.50	0.75	4.12	7.50	9.50	17.32	14.17	0.75	4	5/8	12.6	8.00	62	
	63.5	65.5	177.8	17.5	139.7	19.1	104.6	190.5	241.3	439.9	359.9	19.1		M16	203.2	28		
3	3.00	3.07	7.50	0.75	6.00	0.75	5.00	8.00	11.13	19.68	16.14	0.88	4	5/8	12.4	9.00	77	
	76.2	78.0	190.5	19.1	152.4	19.1	127.0	203.2	282.7	499.9	410.0	22.2		M16	228.6	35		
4	4.00	4.09	9.00	0.94	7.50	0.75	6.19	9.00	12.00	24.76	19.84	1.00	8	5/8	14.8	10.00	117	
	101.6	103.9	228.6	23.9	190.5	19.1	157.2	228.6	304.8	628.9	503.9	25.4		M16	254.0	53		
5	5.00	5.10	10.00	0.94	8.46	0.87	7.31	10.00	15.00	28.38	22.64	1.13	8	3/4	22.2	14.00	143	
	127.0	129.5	254.0	23.9	215.0	22.0	185.7	254.0	381.0	720.8	575.0	28.6		M20	355.6	65		
6	6.00	6.15	11.00	1.00	9.50	0.88	8.50	10.50	15.88	32.80	25.90	1.25	8	3/4	13.6	10.50	207	
	152.4	156.2	279.4	25.4	241.3	22.4	215.9	266.7	403.4	833.1	657.9	31.8		M20	266.7	94		
8	8.00	8.15	13.50	1.12	11.75	0.88	10.62	11.50	16.50	40.74	32.44	1.38	8	3/4	16.5	16.00	348	
	203.2	207.0	342.9	28.4	298.5	22.4	269.7	292.1	419.1	1034.8	824.0	34.9		M20	406.4	158		
10	10.00	10.20	16.00	1.19	14.25	1.00	12.75	13.00	18.00	50.11	38.78	1.50	12	7/8	22.8	18.00	524	
	254.0	259.1	406.4	30.2	362.0	25.4	323.9	330.2	457.2	1272.8	985.0	38.1		M22	457.2	238		
12	12.00	12.24	19.00	1.25	17.00	1.00	15.00	14.00	19.75	58.66	45.31	1.63	12	7/8	26.8	20.00	761	
	304.8	310.9	482.6	31.8	431.8	25.4	381.0	355.6	501.7	1490.0	1150.9	41.3		M22	508.0	346		

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