



Gate Valves

CLASS 800lbs RATED

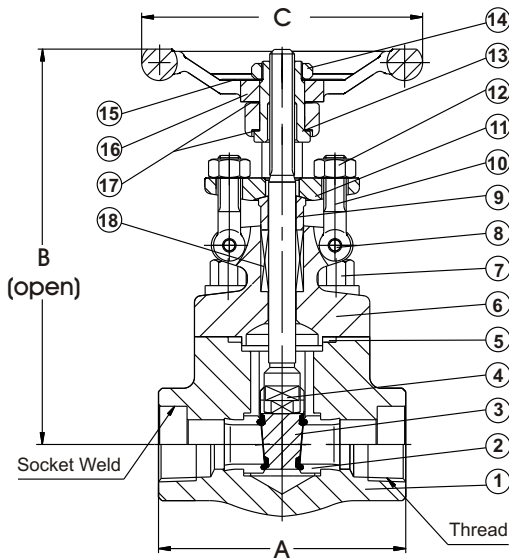
BOLTED BONNET

GA Series Forged Steel Body (Threaded or Weld Ended Connections)

The "GA" range of Gate valves are constructed using a high integrity forged body with a bolted bonnet. The range offers secure sealing at mid - range pressure classes and elevated temperatures. Packing types include flexible graphite or PTFE dependent upon the application. Available in carbon steel or stainless steel as standard, with alloy steels by request. This design is suitable for a wide range of applications.



Materials of Construction



Item No.	Description	Carbon Steel (ASTM)	Low Temp. C S (ASTM)	Stainless Steel	
				A182 F304	A182 F316 (L)
1	Body	A105	A350 LF2	A182 F304(L)	A182 F316(L)
2	Seat Ring	A276 420	F316 + STL6	A276 304(L)	A276 316(L)
3	Wedge	A276 430 & 410	F316	A182 F304(L)	A 182 F316(L)
4	Stem	A182 F6	F316	A182 F304(L)	A182 F316(L)
5	Gasket	Corrugated SS + graphite	316SS + Graphite	SS + PTFE	
6	Bonnet	A105	A350 LF2	A182 F304(L)	A182 F316(L)
7	Bonnet Bolt	A193 B7	A320 L7M	A193 B8	A193 B8M
8	Pin	A276 420	A276 410	A182 F304	
9	Gland	A276 410	A276 316	A182 F304(L)	A182 F316(L)
10	Gland Eyebolt	A193 B7	A320 L7M	A193 B8	A193 B8M
11	Gland Flange	A105	A30 LF2	A182 F304(L)	A182 F316(L)
12	Gland Nut	A194 2H	A194 4	A194 8	A194 8M
13	Yoke Nut	A276 420	A276 304	A276 420	
14	Lock Nut	A194 2H	A276 304	A194 8	A194 8M
15	Nameplate	SS	St. St.	SS	
16	Handwheel	A197			
17	Bearing Gasket	A473 431			
18	Packing	Flexible Graphite		PTFE	
Temperature		-29 C ~ 425 C	-46 C ~ 425 C	-29 C ~ 180 C	

Dimensional Information

Reduced Bore (Inch)		3/8	1/2	3/4	1	1 1/4	1	2	-
Full Bore (Inch)		1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
	A	79	79	92	111	120	120	140	178
	B	158	158	169	197	236	246	283	330
	C	100	100	100	125	160	160	180	200
Weights (Kgs)	Bolted	2.1	2.0	2.3	4.3	5.9	6.9	11.1	15.2

Dims are in mm (Approx). Weights are in Kilogram's (Kgs). See technical section for important valve specification data.

Design Features / Design Codes

- Connection sizes from 1/4" to 2"
- Threaded NPT, BSPT or BSPP female
- Weld Ends, socket weld, butt weld
- Temperature ratings -29C to +550C.
- Choice of Body & Packing materials
- Pressure rated up to Class 1500lbs
- Robust Handwheel operation with optional gearboxes
- Integral Back seated design
- Bi-directional shut-off design
- Outside Screw & Yoke bonnet assembly
- Full chemical and mechanical test analysis to DIN 500 49 3.1.B
- Manufactured from high integrity ASTM A105 carbon steel, A350 LF2 low temperature carbon steel, ASTM A182 F304L, ASTM A182 F316L stainless steel certified materials
- Hydrostatic factory testing before despatch. Certificates available
- Manufacturers letter of conformity available

Applicable Design, Manufacturing and Testing Codes:

BS 5352 ASME B16.34 ASME B1.20.1 NACE MR-01-75	API 598 MSS SP-25 ASME 16.11 API 602
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SECTION 1

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REV: 00

Gate Valves

CLASS 800lbs RATED

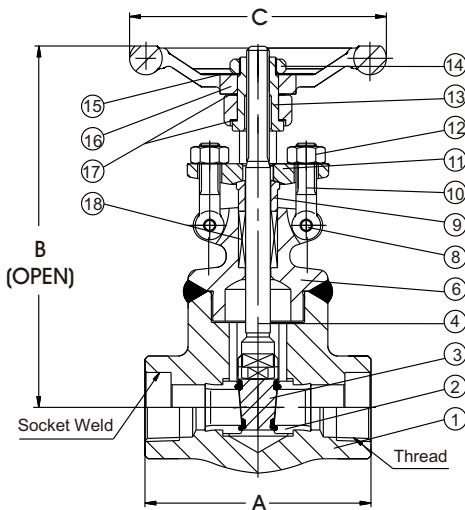
WELDED BONNET



GA Series Forged Steel Body (Threaded or Weld Ended Connections)

The "GA" range of Gate valves are constructed using a high integrity forged body with a welded bonnet. The range offers secure sealing at mid-range pressure classes and elevated temperatures. Packing types include flexible graphite or PTFE dependent upon the application. Available in carbon steel or stainless steel as standard, with alloy steels by request. This design is suitable for a wide range of applications.

Materials of Construction



Item No.	Description	Carbon Steel (ASTM)	Low Temp. C S (ASTM)	Stainless Steel	
				A182 F304	A182 F316 (L)
1	Body	A105	A350 LF2	A182 F304(L)	A182 F316(L)
2	Seat Ring	A276 420	F316 + STL6	A276 304(L)	A276 316(L)
3	Wedge	A276 430 & 410	F316	A182 F304(L)	A 182 F316(L)
4	Stem	A182 F6	F316	A182 F304(L)	A182 F316(L)
6	Bonnet	A105	A350 LF2	A182 F304(L)	A182 F316(L)
8	Pin	A276 420	A276 410	A182 F304	
9	Gland	A276 410	A276 316	A182 F304(L)	A182 F316(L)
10	Gland Eyebolt	A193 B7	A320 L7M	A193 B8	A193 B8M
11	Gland Flange	A105	A350 LF2	A182 F304(L)	A182 F316(L)
12	Gland Nut	A194 2H	A194 4	A194 8	A194 8M
13	Yoke Nut	A276 420	A276 304	A276 420	
14	Lock Nut	A194 2H	A276 304	A194 8	A194 8M
15	Nameplate	SS	St. St	SS	
16	Handwheel	A197			
17	Bearing Gasket	A473 431			
18	Packing	Flexible Graphite		PTFE	
Temperature		-29 C ~ 425 C	-46 C ~ 425 C	-29 C ~ 180 C	

Dimensional Information

Reduced Bore (Inch)		3/8	1/2	3/4	1	1 1/4	1	2	-
Full Bore (Inch)		1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
	A	79	79	92	111	120	120	140	178
	B	158	158	169	197	236	246	283	330
	C	100	100	100	125	160	160	180	200
Weights (Kgs)	Welded	1.8	1.7	2.0	3.8	5.1	6.1	10.2	14.2

Dimensions are in mm (Approx). Weights are in Kilogram's (Kgs). See technical section for important valve specification data.

Design Features / Design Codes

- Connection sizes from 1/4" to 2"
- Threaded NPT, BSPT or BSPP female
- Weld Ends, socket weld, butt weld
- Temperature ratings -29C to +550C.
- Choice of Body & Packing materials
- Pressure rated up to Class 800lbs
- Robust Handwheel operation with optional gearboxes
- Integral Back seated design
- Bi-directional shut-off design
- Outside Screw & Yoke bonnet assembly
- Full chemical and mechanical test analysis to DIN 500 49 3.1.B
- Manufactured from high integrity ASTM
- A105 carbon steel, A350 LF2 low temperature carbon steel, ASTM A182 F304L, ASTM A182
- F316L stainless steel certified materials
- 100% Hydrostatic factory testing before despatch. Certificates available
- Manufacturers letter of conformity available

Applicable Design, Manufacturing and Testing Codes:

BS 5352 ASME B16.34 ASME B1.20.1 NACE MR-01-75	API 598 MSS SP-25 ASME 16.11 API 602
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SECTION 1

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Gate Valves

BOLTED BONNET

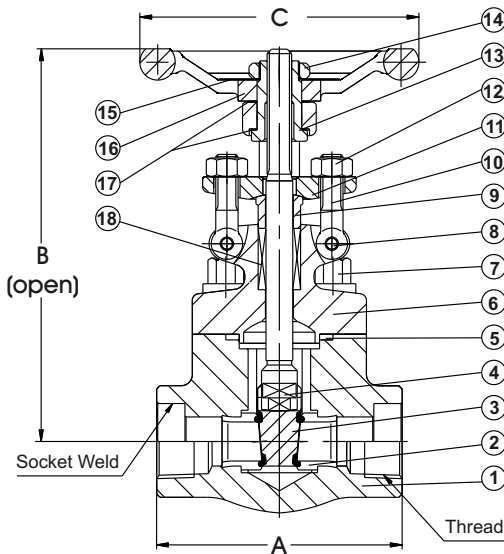
CLASS 1500lbs RATED

GA Series Forged Steel Body

(Threaded or Weld Ended Connections)

The "GA" range of Gate valves are constructed using a high integrity forged body with a bolted bonnet. The range offers secure sealing at mid-range pressure classes and elevated temperatures. Packing types include flexible graphite or PTFE dependent upon the application. Available in carbon steel or stainless steel as standard, with alloy steels by request. This design is suitable for a wide range of applications.

Materials of Construction



Item No.	Description	Carbon Steel (ASTM)	Low Temp. C S (ASTM)	Stainless Steel	
				A182 F304	A182 F316 (L)
1	Body	A105	A350 LF2	A182 F304(L)	A182 F316(L)
2	Seat Ring	A276 420	F316 + STL6	A276 304(L)	A276 316(L)
3	Wedge	A276 430 & 410	F316	A182 F304(L)	A 182 F316(L)
4	Stem	A182 F6	F316	A182 F304(L)	A182 F316(L)
5	Gasket	Corrugated SS + graphite	316SS + Graphite	SS + PTFE	
6	Bonnet	A105	A350 LF2	A182 F304(L)	A182 F316(L)
7	Bonnet Bolt	A193 B7	A320 L7M	A193 B8	A193 B8M
8	Pin	A276 420	A276 410	A182 F304	
9	Gland	A276 410	A276 316	A182 F304(L)	A182 F316(L)
10	Gland Eyebolt	A193 B7	A320 L7M	A193 B8	A193 B8M
11	Gland Flange	A105	A350 LF2	A182 F304(L)	A182 F316(L)
12	Gland Nut	A194 2H	A194 4	A194 8	A194 8M
13	Yoke Nut	A276 420	A276 304	A276 420	
14	Lock Nut	A194 2H	A276 304	A194 8	A194 8M
15	Nameplate	SS	St. St.	SS	
16	Handwheel	A197			
17	Bearing Gasket	A473 431			
18	Packing	Flexible Graphite		PTFE	
Temperature		-29 C ~ 425 C	-46 C ~ 425 C	-29 C ~ 180 C	

Dimensional Information

Reduced Bore (Inch)		3/8	1/2	3/4	1	1 1/4	1	2	-		
Full Bore (Inch)		1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2		
	A	92	111	111	120	120	140	178	210		
	B	169	197	197	236	246	283	330	354		
	C	100	125	125	160	160	180	200	240		
Weights (Kgs)		Bolted		2.5	4.3	4.2	6.6	8.8	12.5	17.2	23.5

Dims are in mm (Approx). Weights are in Kilogram's (Kgs). See technical section f for important valve specification data.

Design Features / Design Codes

- Connection sizes from 1/4" to 2"
- Threaded NPT, BSPT or BSPP female
- Weld Ends, socket weld, butt weld
- Temperature ratings -29C to +550C.
- Choice of Body & Packing materials
- Pressure rated up to Class 1500lbs
- Robust Handwheel operation with optional gearboxes
- Integral Back seated design
- Bi-directional shut-off design
- Outside Screw & Yoke bonnet assembly
- Full chemical and mechanical test analysis to DIN 500 49 3.1.B
- Manufactured from high integrity ASTM A105 carbon steel, A350 LF2 low temperature carbon steel, ASTM A182 F304L, ASTM A182 F316L
- stainless steel certified materials
- Hydrostatic factory testing before despatch. Certificates available
- Manufacturers letter of conformity available

Applicable Design, Manufacturing and Testing Codes:

BS 5352 ASME B16.34 ASME B1.20.1 NACE MR-01-75	API 598 MSS SP-25 ASME 16.11 API 602
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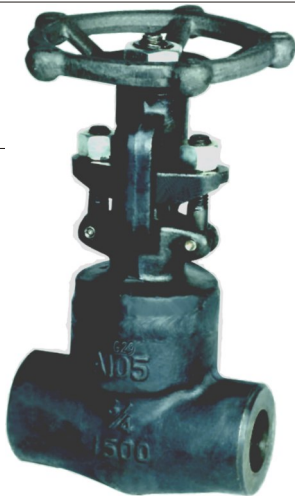
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SECTION 1

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WELDED BONNET

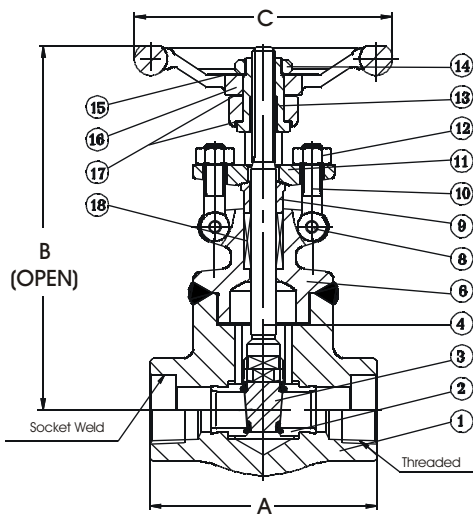
Gate Valves

CLASS 1500lbs RATED

GA Series Forged Steel Body (Threaded or Weld Ended Connections)

The "GA" range of Gate valves are constructed using a high integrity forged body with a welded bonnet. The range offers secure sealing at mid-range pressure classes and elevated temperatures. Packing types include flexible graphite or PTFE dependent upon the application. Available in carbon steel or stainless steel as standard, with alloy steels by request. This design is suitable for a wide range of applications.

Materials of Construction



Item No.	Description	Carbon Steel (ASTM)	Low Temp. C S (ASTM)	Stainless Steel	
				A182 F304	A182 F316 (L)
1	Body	A105	A350 LF2	A182 F304(L)	A182 F316(L)
2	Seat Ring	A276 420	F316 + STL6	A276 304(L)	A276 316(L)
3	Wedge	A276 430 & 410	F316	A182 F304(L)	A 182 F316(L)
4	Stem	A182 F6	F316	A182 F304(L)	A182 F316(L)
6	Bonnet	A105	A350 LF2	A182 F304(L)	A182 F316(L)
8	Pin	A276 420	A276 410	A182 F304	
9	Gland	A276 410	A276 316	A182 F304(L)	A182 F316(L)
10	Gland Eyebolt	A193 B7	A320 L7M	A193 B8	A193 B8M
11	Gland Flange	A105	A350 LF2	A182 F304(L)	A182 F316(L)
12	Gland Nut	A194 2H	A194 4	A194 8	A194 8M
13	Yoke Nut	A276 420	A276 304	A276 420	
14	Lock Nut	A194 2H	A176 304	A194 8	A194 8M
15	Nameplate	SS	St. St.	SS	
16	Handwheel	A197			
17	Bearing Gasket	A473 431			
18	Packing	Flexible Graphite		PTFE	
Temperature		-29 C ~ 425 C	-46 C ~ 425 C	-29 C ~ 180 C	

Dimensional Information

Reduced Bore (Inch)		3/8	1/2	3/4	1	1 1/4	1	2	-
Full Bore (Inch)		1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
	A	92	111	111	120	120	140	178	210
	B	169	197	197	236	246	283	330	354
	C	100	125	125	160	160	180	200	240
Weights (Kgs)	Welded	2.4	4.2	4.0	6.3	8.7	12.1	17.2	22.0

Dims are in mm (Approx). Weights are in Kilogram's (Kgs). See technical section for important valve specification data.

Design Features / Design Codes

- Connection sizes from 1/4" to 2"
- Threaded NPT, BSPT or BSPP female
- Weld Ends, socket weld, butt weld
- Temperature ratings -29C to +550C.
- Choice of Body & Packing materials
- Pressure rated up to Class 1500lbs
- Robust Handwheel operation with optional gearboxes
- Integral Back seated design
- Bi-directional shut-off design
- Outside Screw & Yoke bonnet assembly
- Full chemical and mechanical test analysis to DIN 500 49 3.1.B
- Manufactured from high integrity ASTM A105 carbon steel, A350 LF2 low temperature carbon steel, ASTM A182 F304L, ASTM A182 F316L
- stainless steel certified materials
- Hydrostatic factory testing before despatch. Certificates available
- Manufacturers letter of conformity available

Applicable Design, Manufacturing and Testing Codes:

BS 5352 ASME B16.34 ASME B1.20.1 NACE MR-01-75	API 598 MSS SP-25 ASME 16.11 API 602
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SECTION 1

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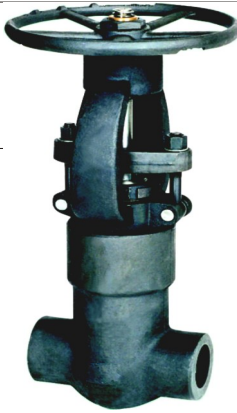
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Valves Division

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REF: AVPCAT009
REV: 00



PRESSURE SEAL

Gate Valves

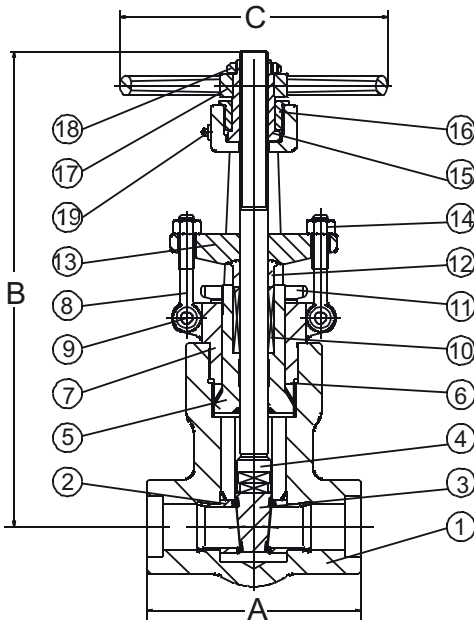
CLASS 1500 ~ 2500lbs RATED

GA Series Forged Steel Body (Threaded or Weld Ended Connections)

The "GA" range of Gate valves are constructed using a high integrity forged body with a pressure seal bonnet. The range offers secure sealing at mid-range pressure classes and elevated temperatures. Packing types include flexible graphite or PTFE dependent upon the application. Available in carbon steel or stainless steel as standard, with alloy steels by request. This design is suitable for a wide range of applications.



Materials of Construction



Item No.	Description	Carbon Steel (ASTM)	Low Temp. C S (ASTM)	Stainless Steel	
				A182 F304	A182 F316 (L)
1	Body	A105	A350 LF2	A182 F304(L)	A182 F316(L)
2	Seat Ring	A276 420	F316 + STL6	A276 304(L)	A276 316(L)
3	Wedge	A276 430 & 410	F316	A182 F304(L)	A182 F316(L)
4	Stem	A182 F6	F316	A182 F304(L)	A182 F316(L)
5	Pressure Seat	A105	316SS	A182 F304(L)	F316(L)
6	Pressure Ring	316SS +HF		A276 316(L)	
7	Bonnet	A105	A350 LF2	A182 F304(L)	A182 F316(L)
8	Gland Eyebolt	A193 B7	A320 L7M	A193 B8(M)	A193 B8M
9	Pin	A276 420	A276 410	A182 F304(L)	
10	Stem Packing	Flexible Graphite		PTFE	
11	P.S. Lock Nut	A194 2H	A276 304	A194 8	A194 8M
12	Gland	A276 F420	A276 316	A182 F304	
13	Gland Flange	A216WCB	A350 LF2	A351 CF8	
14	Nut	A194 2H	A276 304	A194 8	A194 8M
15	Yoke Nut	A276-410	A276 304	A276-410	
15	Retaining Nut	A194 2H	A276 304	A194 8	A194 8M
17	Hand-wheel	A197			
18	H.W. Lock Nut	A194 2H	A276 304	A194 8	A194 8M
19	Oil Cup	Brass			
Temperature		-29 C ~ 425 C	-46 C ~ 425 C	-29 C ~ 180 C	

Dimensional Information

Full Bore (Inch)		1/2	3/4	1	1 1/4	1	2
900-1500lbs	A	140	140	140	178	178	216
		186	186	186	232	232	279
2500lbs	B	321	321	321	380	414	502
	C	160	160	180	200	250	280
Weight (Kgs)	1500lbs	11.5	10.8	10.5	19.6	21.0	55.4
	2500lbs	12.3	11.6	10.8	26.0	28.4	60.0

Dims are in mm (Approx). Weights are in Kilogram's (Kgs). See technical section f for important valve specification data.

Design Features / Design Codes

- Connection sizes from 1/4" to 2"
- Threaded NPT, BSPT or BSPP female
- Weld Ends, socket weld, butt weld
- Temperature ratings -29C to +550C.
- Choice of Body & Packing materials
- Pressure rated up to Class 2500lbs
- Robust Handwheel operation with optional gearboxes
- Integral Back seated design
- Bi-directional shut-off design
- Outside Screw & Yoke bonnet assembly
- Full chemical and mechanical test analysis to DIN 500 49 3.1.B
- Manufactured from high integrity ASTM A105 carbon steel, A350 LF2 low temperature carbon steel, ASTM A182 F304L, ASTM A182
- F316L stainless steel certified materials
- Hydrostatic factory testing before despatch. Certificates available
- Manufacturers letter of conformity available

Applicable Design, Manufacturing and Testing Codes:

BS 5352 ASME B16.34 ASME B1.20.1 NACE MR-01-75	API 598 MSS SP-25 ASME 16.11 API 602
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SECTION 1

Page 5



FLANGED

Gate Valves

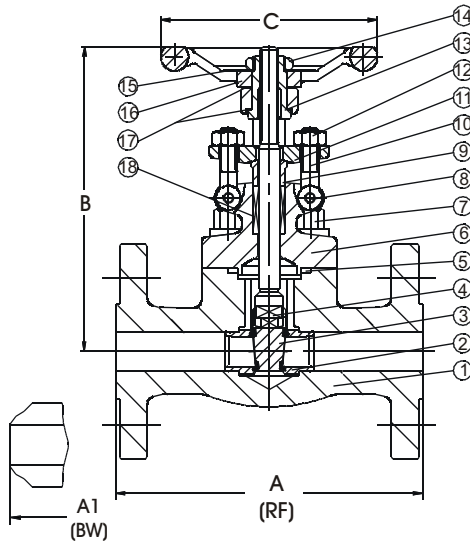
CLASS 150lbs ~ 600lbs RATED

GA Series Forged Steel Body

(Also available in Butt welded ends to ASME B16.2)

The "GA" range of Gate valves are constructed using a high integrity forged body with bolted, welded or pressure seal bonnet assembly options. Packing types include flexible graphite or PTFE dependent upon the application. Available in carbon steel or stainless steel as standard, with alloy steels by request.

Materials of Construction



Item No.	Description	Carbon Steel (ASTM)	Low Temp. C S (ASTM)	Stainless Steel	
				A182 F304	A182 F316 (L)
1	Body	A105	A350 LF2	A182 F304(L)	A182 F316(L)
2	Seat Ring	A276 420	F316 + STL6	A276 304(L)	A276 316(L)
3	Wedge	A276 410 & 430	F316	A182 F304(L)	A 182 F316(L)
4	Stem	A182 F6	F316	A182 F304(L)	A182 F316(L)
5	Gasket	Corrugated SS + graphite	316SS + Graphite	SS + PTFE	
6	Bonnet	A105	A350 LF2	A182 F304(L)	A182 F316(L)
7	Bonnet Bolt	A193 B7	A320 L7M	A193 B8	A193 B8M
8	Pin	A276 420	A276 410	A182 F304	
9	Gland	A276 410	A276 316	A182 F304(L)	A182 F316(L)
10	Gland Eyebolt	A193 B7	A320 L7M	A193 B8	A193 B8M
11	Gland Flange	A105	A350 LF2	A182 F304(L)	A182 F316(L)
12	Gland Nut	A194 2H	A194 4	A194 8	A194 8M
13	Yoke Nut	A276 420	A276 304	A276 420	
14	Lock Nut	A194 2H	A276 304	A194 8	A194 8M
15	Nameplate	SS	St. St.	SS	
16	Handwheel	A197			
17	Bearing Gasket	A473 431			
18	Packing	Flexible Graphite		PTFE	
Temperature		-29 C ~ 425 C	-46 C ~ 425 C	-29 C ~ 180 C	

Dimensional Information

Full Bore (Inch)		1/2	3/4	1	1 1/4	1 1/2	2	
150lbs	A (RF) A1 (BW)	108	117	127	140	165	203	
300lbs		140	152	165	178	190	216	
600lbs		165	190	216	229	241	292	
150lbs, 300lbs	B	158	169	197	236	246	283	
600lbs		169	197	236	246	283	320	
	C	100	100	125	160	160	180	
		150lb	RF	4.5	5.2	8.2	11.5	12.5
Weights (Kgs)	150lb	BW	2.8	3.3	5.4	7.1	8.2	12.5
		300lb	RF	4.8	6.2	9.3	14	15.5
	600lb		BF	3.5	4.4	6.8	8.1	9.2
		600lb	RF	5.9	7.4	10.4	16.2	17.5
	600lb		BW	4.5	5.1	8.2	10.5	12.4

Dims are in mm (Approx). Weights are in Kilogram's (Kgs). See technical section for important valve specification data.

Design Features / Design Codes

- Connection sizes from 1/4" to 2"
- Flanged RF ends to ANSI B16.10
- Butt Weld ends to ASME B16.25
- Temperature ratings -29C to +550C.
- Choice of Body & Packing materials
- Pressure rated up to Class 600lbs
- Robust Handwheel operation with optional gearboxes
- Integral Back seated design
- Bi-directional shut-off design
- Outside Screw & Yoke bonnet assembly
- Full chemical and mechanical test analysis to DIN 500 49 3.1.B
- Manufactured from high integrity ASTM A105 carbon steel, A350 LF2 low temperature carbon steel, ASTM A182 F304L, ASTM A182 F316L stainless steel certified materials
- Hydrostatic factory testing before despatch. Certificates available
- Manufacturers letter of conformity available

Applicable Design, Manufacturing and Testing Codes:

BS 5352 ASME B16.34 ASME B1.20.1 NACE MR-01-75	API 598 MSS SP-25 ASME 16.11 API 602
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SECTION 1

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REF: AVPCAT011
REV: 00



FLANGED

Gate Valves

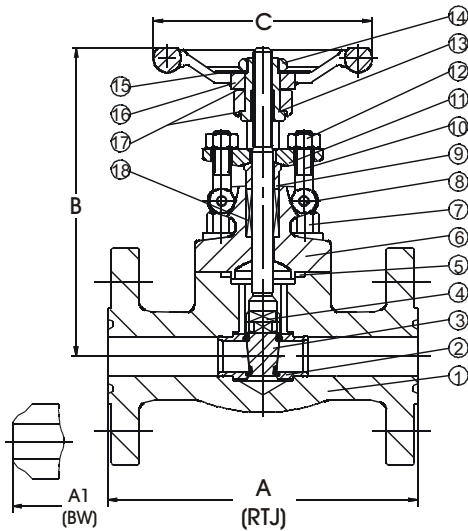
CLASS 900/1500lbs RATED

GA Series Forged Steel Body

(Also available in Butt welded ends to ASME B16.2)

The "GA" range of Gate valves are constructed using a high integrity forged body with bolted, welded or pressure seal bonnet assembly options. The range offers secure sealing at mid-range pressure classes and elevated temperatures. Packing types include flexible graphite or PTFE dependent upon the application. Available in carbon steel or stainless steel as standard, with alloy steels by request.

Materials of Construction



Item No.	Description	Carbon Steel (ASTM)	Low Temp. C S (ASTM)	Stainless Steel	
				A182 F304	A182 F316 (L)
1	Body	A105	A350 LF2	A182 F304(L)	A182 F316(L)
2	Seat Ring	A276 420	F316 + STL6	A276 304(L)	A276 316(L)
3	Wedge	A276 410 & 430	F316	A182 F304(L)	A 182 F316(L)
4	Stem	A182 F6	F316	A182 F304(L)	A182 F316(L)
5	Gasket	Corrugated SS + graphite	316SS + Graphite	SS + PTFE	
6	Bonnet	A105	A350 LF2	A182 F304(L)	A182 F316(L)
7	Bonnet Bolt	A193 B7	A320 L7M	A193 B8	A193 B8M
8	Pin	A276 420	A276 410	A182 F304	
9	Gland	A276 410	A276 316	A182 F304(L)	A182 F316(L)
10	Gland Eyebolt	A193 B7	A320 L7M	A193 B8	A193 B8M
11	Gland Flange	A105	A350 LF2	A182 F304(L)	A182 F316(L)
12	Gland Nut	A194 2H	A194 4	A194 8	A194 8M
13	Yoke Nut	A276 420	A276 304	A276 420	
14	Lock Nut	A194 2H	A276 304	A194 8	A194 8M
15	Nameplate	SS	St. St.	SS	
16	Handwheel	A197			
17	Bearing Gasket	A473 431			
18	Packing	Flexible Graphite		PTFE	
Temperature		-29 C ~ 425 C	-46C ~ 425C	-29 C ~ 180 C	

Dimensional Information

Full Bore (Inch)		1/2	3/4	1	1 1/4	1 1/2	2
		L (RTJ)	216	229	254	279	305
L(BW)		216	229	254	279	305	368
B		197	197	236	246	283	330
C		125	125	160	160	180	200
Weights (Kgs)	RTJ	7.2	11.5	15.6	16.2	22.6	32.8
	BW	5.2	9.3	12.4	13.8	18.9	27.5

Dims are in mm (Approx). Weights are in Kilogram's (Kgs). See technical section for important valve specification data.

Design Features / Design Codes

- Connection sizes from 1/4" to 2"
- Threaded NPT, BSPT or BSPP female
- Weld Ends, socket weld, butt weld
- Temperature ratings -29C to +550C.
- Choice of Body & Packing materials
- Pressure rated up to Class 1500lbs
- Robust Handwheel operation with optional gearboxes
- Integral Back seated design
- Bi-directional shut-off design
- Outside Screw & Yoke bonnet assembly
- Full chemical and mechanical test analysis to DIN 500 49 3.1.B
- Manufactured from high integrity ASTM A105 carbon steel, A350 LF2 low temperature carbon steel, ASTM A182 F304L, ASTM A182
- F316L stainless steel certified materials
- Hydrostatic factory testing before despatch. Certificates available
- Manufacturers letter of conformity available

Applicable Design, Manufacturing and Testing Codes:

BS 5352 ASME B16.34 ASME B1.20.1 NACE MR-01-75	API 598 MSS SP-25 ASME 16.11 API 602
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SECTION 1

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REF: AVPCAT012
REV: 00

Gate Part Number System

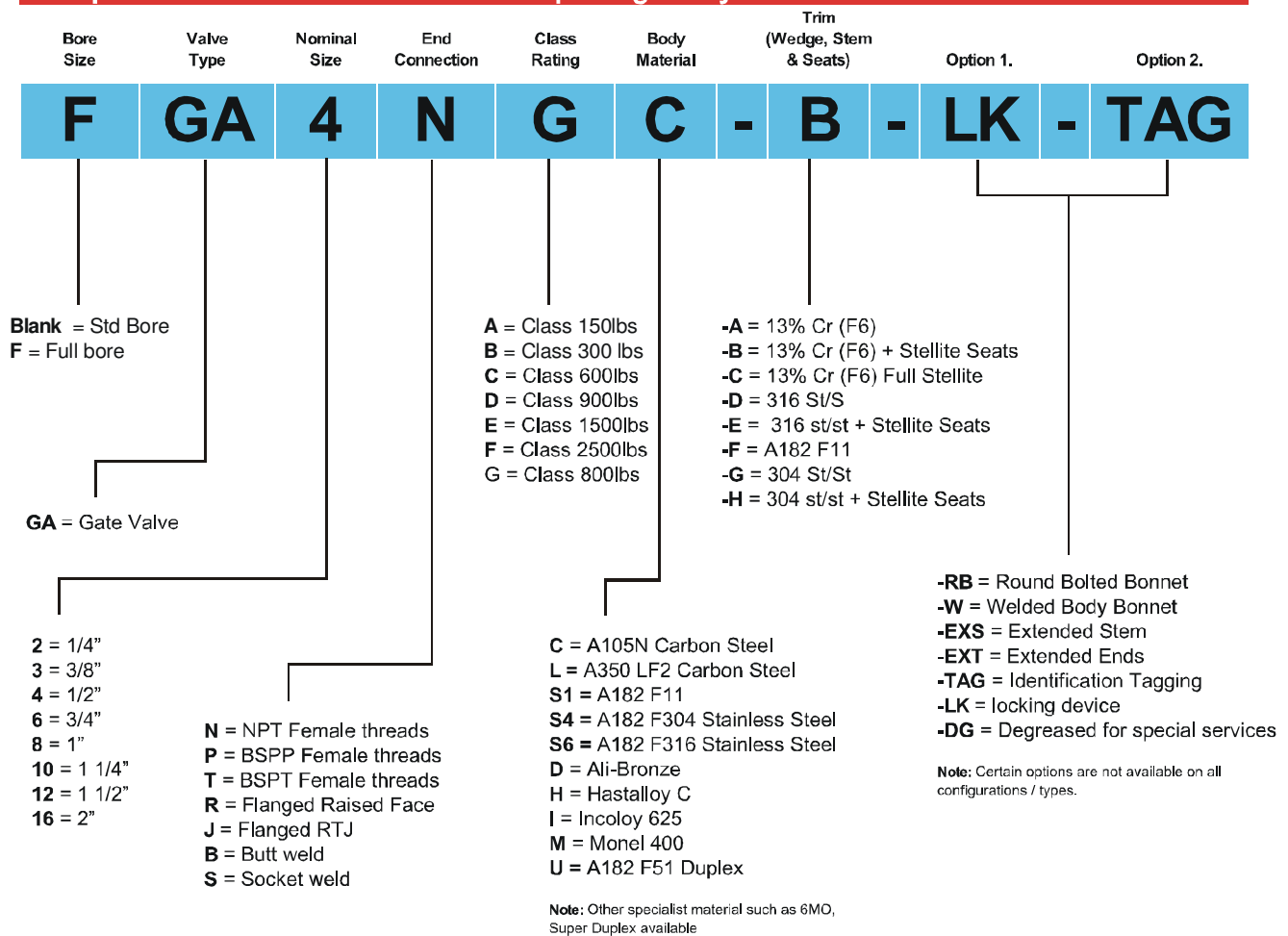
How to order Gate valves

Our part number system is made up of alphanumeric / generic code system as explained below.

Example:

Full Bore Gate Valve, 1/2" NPT Class 800lbs Rated, Body A105N Carbon Steel 13% Cr (F6) Trim with Stellite Seats. Bolted Bonnet, OS&Y, Solid Wedge and Handwheel operated.

The part number shown below is made up using the system:



Socket weld and butt weld end connectors may be extended for thermal protection of the valve internals

NOTE 1: The pressure ratings quoted within our literature are maximum hydrostatic pressure ratings for the valves. Certain options available are the products / designs of other manufacturers, Also cannot accept any responsibility for these products unsuitability or failure in service.

NOTE 2: It is always advisable to refer to specific product literature or contact our technical sales department when ordering valves, as some of these options are available only on certain style of valve. Any special end connections such as butt or socket weld may limit the rated working pressure of the valve or component supplied in accordance with the relevant specification of design or use of that method of connection. The valve or component will still carry the maximum working pressure markings in accordance with the valve or component design not the connection method as they vary.