

# Series 35114

## 150# Flanged Cast Steel Gate Valve

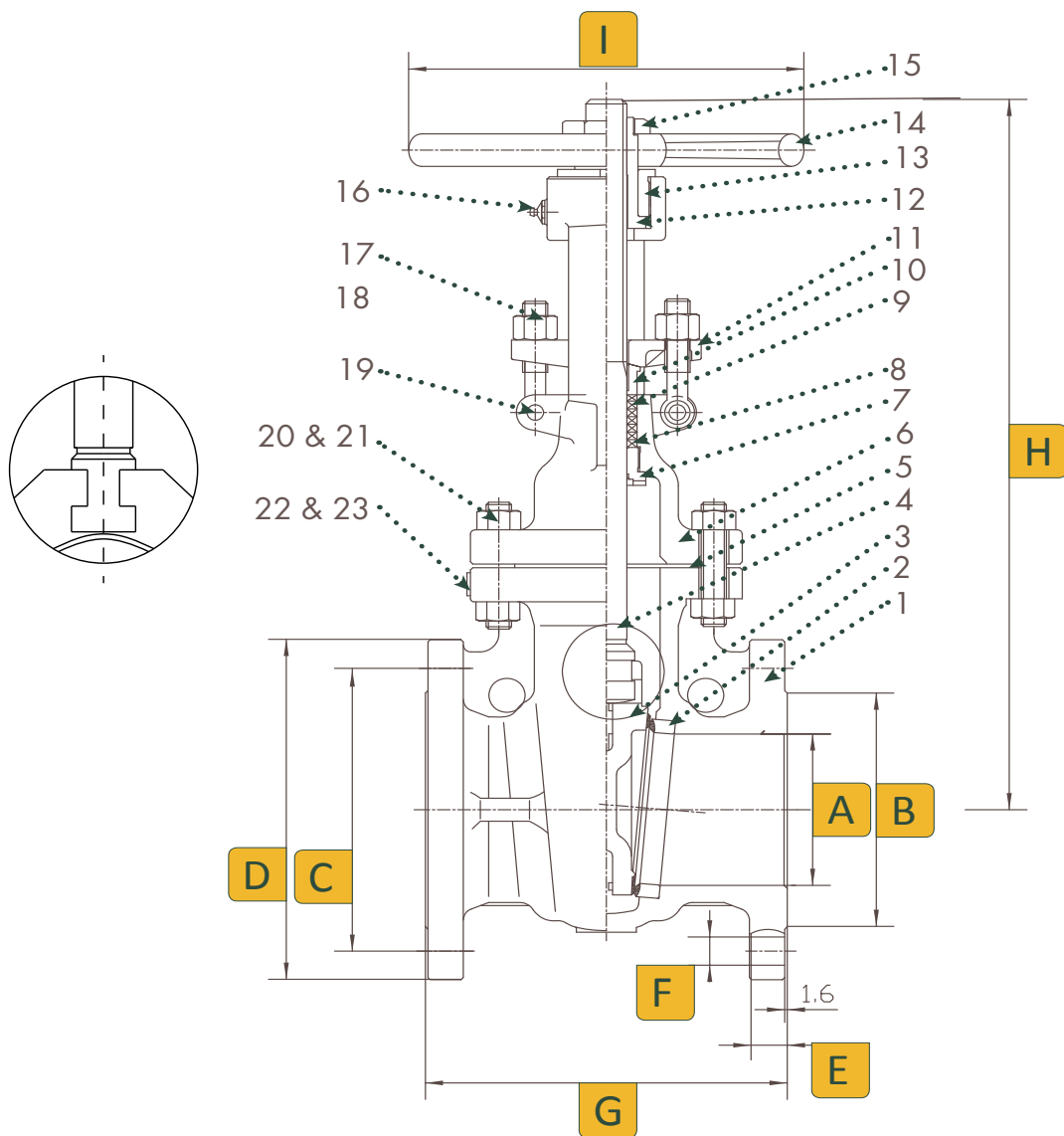
### Features

- Full port
- Outside screw and yoke
- Bolted bonnet
- Flexible wedge, fully guided
- Integrated seats
- Rising stem and non-rising hand-wheel
- Flanged ends
- Butt-weld ends
- Available with gear operator
- Nace MR-0175
- Trim 8
- Applicable Standards:
  - Gate valves API 603
  - Steel valves ANSI B16.34
  - Face to face ANSI B16.10
  - End flanges ANSI B16.5
  - Butt-weld ends ANSI B16.25
  - Inspection and test API 598



Valves, Automation & Controls





Dimensions (Inches)

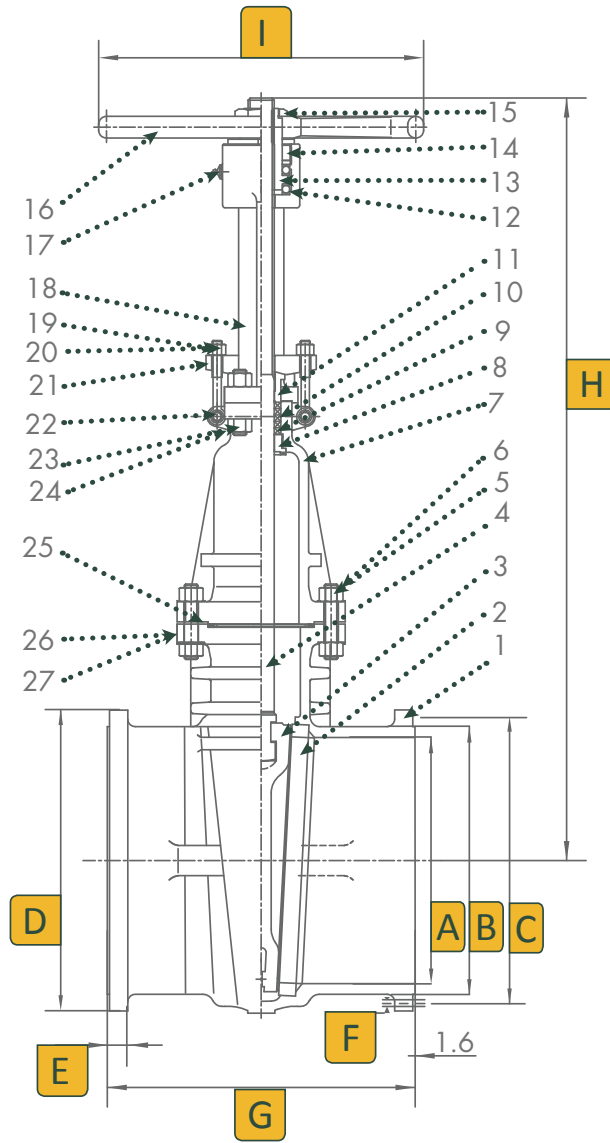
Size	A	B	C	D	E	F	G	H	I	Num of Bolt Holes
2	2.01	3.62	4.76	5.98	0.75	0.75	7.01	12.99	7.87	4
2-1/2	2.52	4.13	5.51	7.01	0.89	0.75	7.48	13.98	7.87	4
3	2.99	5.00	6.02	7.48	0.94	0.75	7.99	15.47	9.84	4
4	4.02	6.18	7.52	9.02	0.94	0.75	9.02	18.70	9.84	8
6	6.00	8.50	9.50	11.00	1.00	0.875	10.50	23.42	11.81	8
8	8.00	10.62	11.75	13.50	1.12	0.875	11.50	28.86	13.78	8
10	10.00	12.75	14.25	16.00	1.18	1.00	13.00	34.40	15.75	12
12	12.00	15.00	17.00	19.00	1.25	1.00	14.00	40.00	17.72	12

No.	Part Name	Material
1	Body	Carbon Steel ASTM A216 - WCB
2	Seat	A105 & STL6
3	Wedge	A216 WCB & ER410
4	Stem	A182 - F6a
5	Gasket	304 Stainless Steel & Graphite
5A	Bolt	B7 Steel ASTM A193
6	Bonnet	Carbon Steel ASTM A216 - WCB
7	Back Seat	410 Stainless Steel
8	Gland Packing	304 Stainless Steel & Graphite
9	Gland Packing	Flexible Graphite
10	Gland	410 Stainless Steel
11	Gland Flange	Carbon Steel ASTM A216 - WCB
12	Stem Nut	A439-D2
13	Gland Nut	Carbon Steel
14	Hand-wheel	Ductile Iron
15	Lock Nut	Carbon Steel
16	Grease Nipple	Carbon Steel
17	Eye Nut	B7 Steel ASTM A193
18	Eye Bolt	2H Steel ASTM A194
19	Pin	Carbon Steel
20	Bolt	B7 Steel ASTM A193
21	Nut	2H Steel ASTM A194
22	Name Plate	304 Stainless Steel
23	Rivet	304 Stainless Steel

# 14" - 24" Dimensions, Parts & Materials

## SHARPE - SERIES 35114 | 150# Flanged Cast Steel Gate Valve

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Size	A	B	C	D	E	F	G	H	I	Num of Bolt Holes
14	14.00	16.25	18.75	21.00	1.37	1.125	15.00	59.70	19.70	12
16	16.00	18.50	21.25	23.50	1.44	1.125	16.00	67.70	22.00	16
18	18.00	21.00	22.75	25.00	1.56	1.25	17.00	74.70	25.20	16
20	20.00	23.00	25.00	27.50	1.68	1.25	18.00	82.99	25.20	20
24	24.00	27.25	29.50	32.00	1.87	1.375	20.00	97.68	28.35	20

No.	Part Name	Material
1	Body	Carbon Steel ASTM A216 - WCB
2	Seat	A105 & STL6
3	Wedge	A216 WCB & ER410
4	Stem	A182 - F6a
5	Bolt	B7 Steel ASTM A193
6	Nut	2H Steel A194
7	Bonnet	Carbon Steel ASTM A216 - WCB
8	Back Seat	410 Stainless Steel
9	Gland Packing	304 Stainless Steel & Graphite
10	Gland Packing	Flexible Graphite
11	Gland	410 Stainless Steel
12	Axletree	
13	Stem Nut	A439-D2
14	Gland Nut	Carbon Steel
15	Lock Nut	Carbon Steel
16	Hand-wheel	Ductile Iron
17	Grease Nipple	Carbon Steel
18	Yoke	Carbon Steel ASTM A216 - WCB
19	Eye Nut	2H Steel ASTM A194
20	Eye Bolt	B7 Steel ASTM A193
21	Gland Flange	Carbon Steel ASTM A216 - WCB
22	Pin	Carbon Steel
23	Bolt	B7 Steel ASTM A193
24	Nut	2H Steel ASTM A194
25	Gasket	304 Stainless Steel & Graphite
26	Name Plate	304 Stainless Steel
27	Rivet	304 Stainless Steel

Shell Test Water psi	Seat Test Water psi	Seat Test Air psi
450	314	80

Temperature °F	Working Pressure psi
-20 to 100	285
200	260
300	230
400	200
500	170
600	140
650	125
700	110
750	95
800	80
850	85
900	50
950	35
1000	20

## Ordering

Fig: 8 - 35 - 1 - 1 - 4

Description: 8" - Series 35 - 150# Flange Ends - Carbon Steel

Size	Series	Class	Ends	Body Material	Options	
2	35	1	150	4	Carbon Steel	X Oxygen Service
2-1/2						SF Silicon Free
3						RTJ Ring Type Joint Flange
4						
5						
6						
8						
10						
12						
14						
16						
18						
20						
24						

# Series 35314

## 300# Flanged Cast Steel Gate Valve

### Features

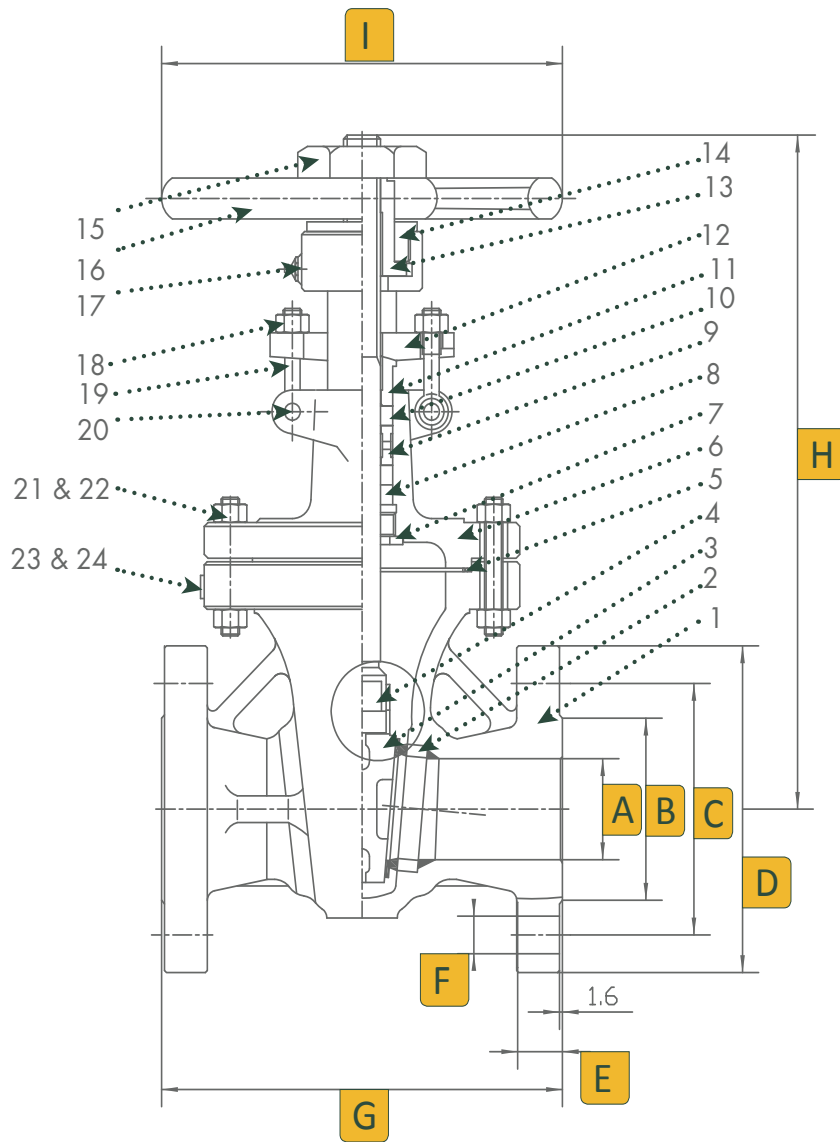
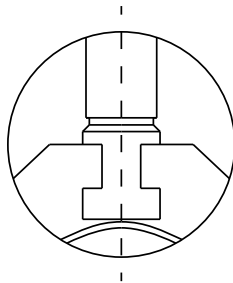
- Full port
- Outside screw and yoke
- Bolted bonnet
- Flexible wedge, fully guided
- Integrated seats
- Rising stem and non-rising hand-wheel
- Flanged ends
- Butt-weld ends
- Available with gear operator
- Nace MR-0175
- Trim 8
- Applicable Standards:
  - Gate valves API 603
  - Steel valves ANSI B16.34
  - Face to face ANSI B16.10
  - End flanges ANSI B16.5
  - Butt-weld ends ANSI B16.25
  - Inspection and test API 598



Valves, Automation & Controls



# 2" -12" Dimensions, Parts & Materials

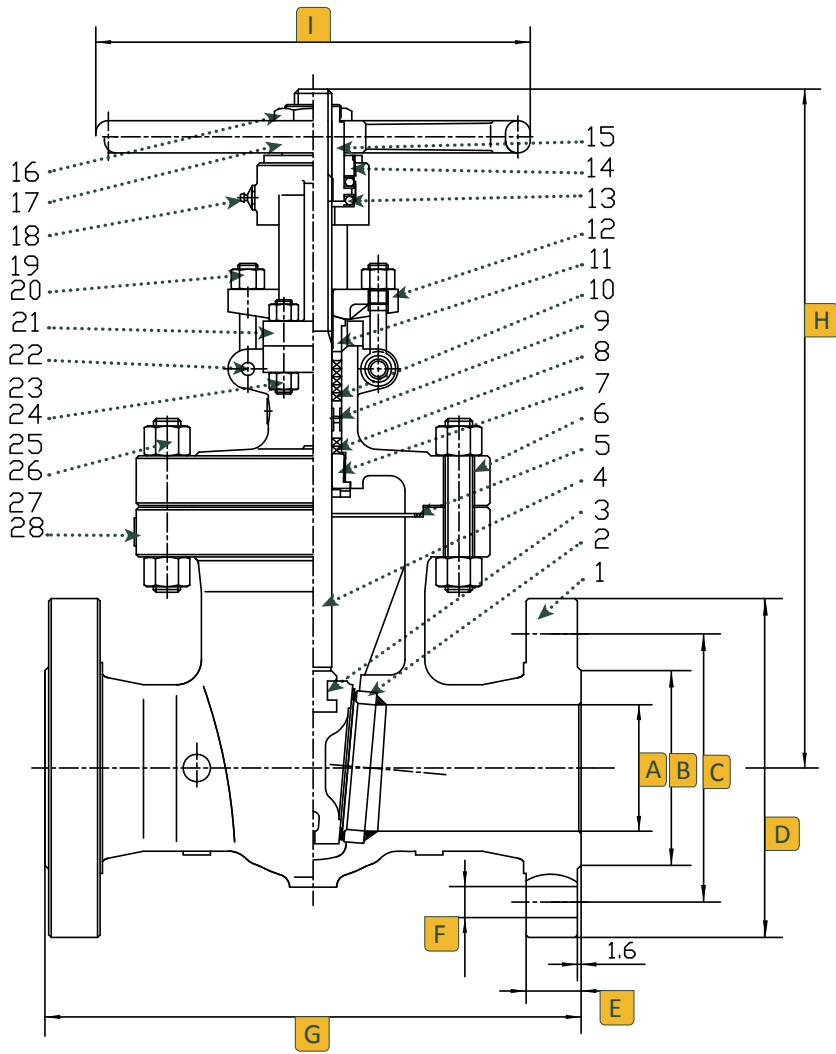


Dimensions (Inches)

Size	A	B	C	D	E	F	G	H	I	Num of Bolt Holes
2	2.00	3.62	5.00	6.50	0.87	0.75	8.50	14.00	7.87	8
2-1/2	2.50	4.12	5.88	7.50	1.00	0.875	9.50	18.11	7.87	8
3	3.00	5.00	6.62	8.25	1.12	0.875	11.12	17.10	9.84	8
4	4.00	6.19	7.88	10.00	1.25	0.875	12.00	19.60	9.84	8
6	6.00	8.50	10.62	12.50	1.44	0.875	15.88	25.80	13.78	12
8	8.00	10.62	13.00	15.00	1.62	1.00	16.50	30.80	15.75	12
10	10.00	12.75	15.25	17.50	1.87	1.125	18.00	36.70	17.72	16
12	12.00	15.00	17.75	20.50	2.00	1.25	19.80	56.30	19.70	16

No.	Part Name	Material
1	Body	Carbon Steel ASTM A216 - WCB
2	Seat	A105 & STL6
3	Wedge	A216 WCB & ER410
4	Stem	A182 - F6a
5	Gasket	304 Stainless Steel & Graphite
6	Bonnet	Carbon Steel ASTM A216 - WCB
7	Back Seat	410 Stainless Steel
8	Gland Packing	304 Stainless Steel & Graphite
9	Distance Ring	410 Stainless Steel
10	Gland Packing	Flexible Graphite
11	Gland	410 Stainless Steel
12	Gland Flange	Carbon Steel ASTM A216 - WCB
13	Stem Nut	A439-D2
14	Gland Nut	Carbon Steel
15	Lock Nut	Carbon Steel
16	Hand-wheel	Ductile Iron
17	Grease Nipple	Carbon Steel
18	Eye Nut	B7 Steel A193
19	Eye Bolt	2H Steel A194
20	Pin	Carbon Steel
21	Bolt	B7 Steel A193
22	Nut	2H Steel A194
23	Name Plate	304 Stainless Steel
24	Rivet	304 Stainless Steel

# 12" - 24" Dimensions, Parts & Materials



Dimensions (Inches)

Size	A	B	C	D	E	F	G	H	I	Num of Bolt Holes
12	12.00	15.00	17.75	20.50	2.00	1.25	19.80	56.30	19.70	16
14	14.00	16.25	20.25	23.00	2.12	1.25	30.00	60.70	22.10	20
16	16.00	18.50	22.50	25.50	2.25	1.375	33.00	68.60	25.20	20
18	18.00	21.00	24.75	28.00	2.37	1.375	36.00	82.20	25.20	24
20	20.00	23.00	27.00	30.50	2.50	1.375	39.00	84.70	28.40	24
24	24.00	27.25	32.00	36.00	2.75	1.625	45.00	104.40	35.40	24

No.	Part Name	Material
1	Body	Carbon Steel ASTM A216 - WCB
2	Seat	A105 & STL6
3	Wedge	A216 WCB & ER410
4	Stem	A182 - F6a
5	Gasket	304 Stainless Steel & Graphite
6	Bonnet	Carbon Steel ASTM A216 - WCB
7	Back Seat	410 Stainless Steel
8	Gland Packing	304 Stainless Steel & Graphite
9	Distance Ring	410 Stainless Steel
10	Gland Packing	Flexible Graphite
11	Gland	410 Stainless Steel
12	Gland Flange	Carbon Steel ASTM A216 - WCB
13	Axletree	
14	Gland Nut	Carbon Steel
15	Stem Nut	A439-D2
16	Lock Nut	Carbon Steel
17	Hand-wheel	Ductile Iron
18	Grease Nipple	Carbon Steel
19	Eye Bolt	2H Steel A194
20	Eye Nut	B7 Steel A193
21	Yoke	Carbon Steel ASTM A216 - WCB
22	Pin	Carbon Steel
23	Bolt	B7 Steel A193
24	Nut	2H Steel A194
25	Bolt	B7 Steel A193
26	Nut	2H Steel A194
27	Name Plate	304 Stainless Steel
28	Rivet	304 Stainless Steel

Shell Test Water psi	Seat Test Water psi	Seat Test Air psi
1125	814	80

Temperature °F	Working Pressure psi
-20 to 100	740
200	675
300	655
400	635
500	600
600	550
650	535
700	535
750	505
800	410
850	270
900	170
950	105
1000	60

## Ordering

Fig: 8 - 35 - 3 - 1 - 4  
Description: 8" - Series 35 - 300# Flange Ends - Carbon Steel

Size	Series	Class	Ends	Body Material	Options	
2	35	3	300	4	Carbon Steel	X Oxygen Service
2-1/2						SF Silicon Free
3						RTJ Ring Type Joint Flange
4						
5						
6						
8						
10						
12						
14						
16						
18						
20						
24						



# Series 35614

## 600# Flanged Cast Steel Gate Valve

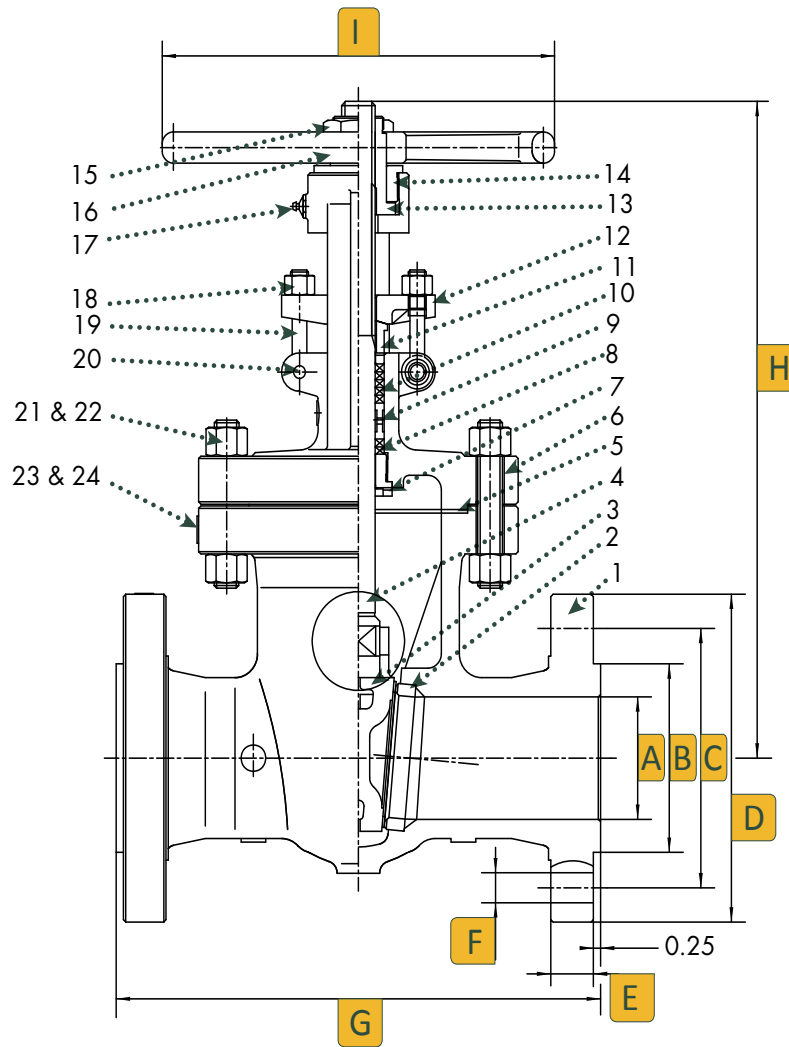
### Features

- Full port
- Outside screw and yoke
- Bolted bonnet
- Flexible wedge, fully guided
- Integrated seats
- Rising stem and non-rising hand-wheel
- Flanged ends
- Butt-weld ends
- Available with gear operator
- Nace MR-0175
- Trim 8
- Applicable Standards:
  - Gate valves API 603
  - Steel valves ANSI B16.34
  - Face to face ANSI B16.10
  - End flanges ANSI B16.5
  - Butt-weld ends ANSI B16.25
  - Inspection and test API 598



*Valves, Automation & Controls*



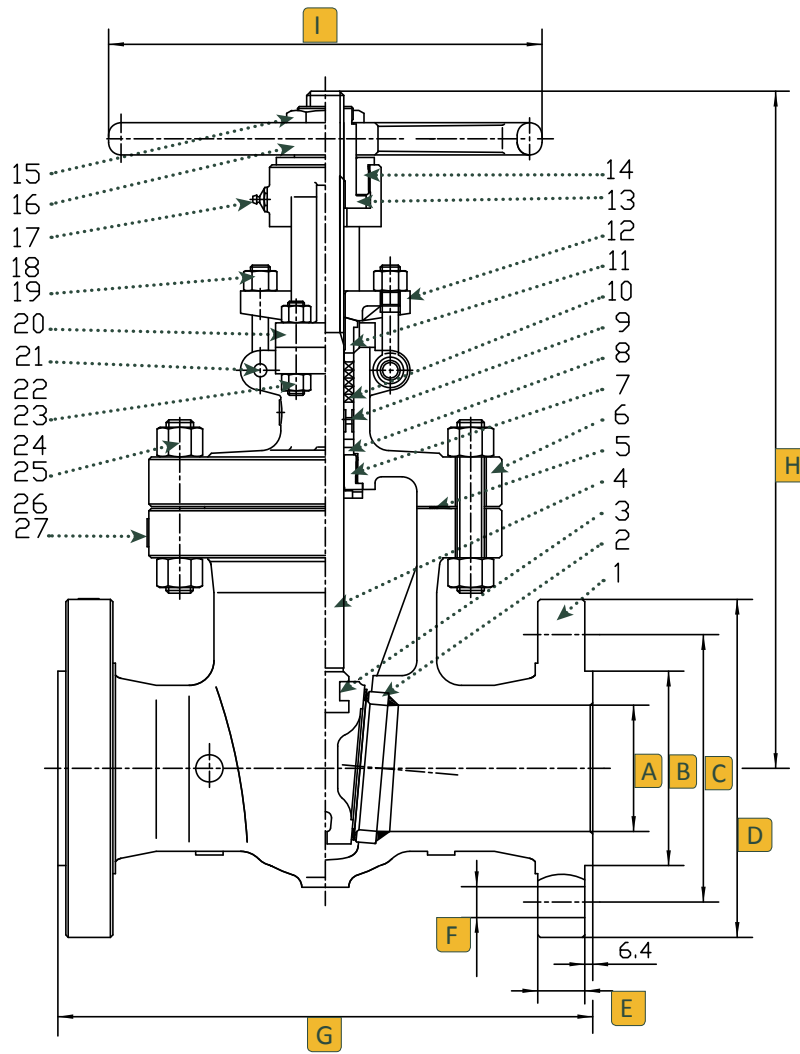


Dimensions (Inches)

Size	A	B	C	D	E	F	G	H	I	Num of Bolt Holes
2	2.00	3.62	5.00	6.50	1.00	0.75	11.50	14.41	9.84	8
2-1/2	2.50	4.12	5.88	7.50	1.12	0.875	13.00	18.62	9.84	8
3	3.00	5.00	6.62	8.25	1.25	0.875	14.00	17.87	11.81	8
4	4.00	6.19	8.50	10.75	1.50	1.00	17.00	26.10	13.78	8
6	6.00	8.50	11.50	14.00	1.88	1.125	22.00	32.80	17.70	12

No.	Part Name	Material
1	Body	Carbon Steel ASTM A216 - WCB
2	Seat	A105 & STL6
3	Wedge	A216 WCB & ER410
4	Stem	A182 - F6a
5	Gasket	304 Stainless Steel & Graphite
6	Bonnet	Carbon Steel ASTM A216 - WCB
7	Back Seat	410 Stainless Steel
8	Gland Packing	304 Stainless Steel & Graphite
9	Distance Ring	410 Stainless Steel
10	Gland Packing	Flexible Graphite
11	Gland	410 Stainless Steel
12	Gland Flange	Carbon Steel ASTM A216 - WCB
13	Stem Nut	A439-D2
14	Gland Nut	Carbon Steel
15	Lock Nut	Carbon Steel
16	Hand-wheel	Ductile Iron
17	Grease Nipple	Carbon Steel
18	Eye Nut	B7 Steel A193
19	Eye Bolt	2H Steel A194
20	Pin	Carbon Steel
21	Bolt	B7 Steel A193
22	Nut	2H Steel A194
23	Name Plate	304 Stainless Steel
24	Rivet	304 Stainless Steel

# 8" - 24" Dimensions, Parts & Materials



Size	A	B	C	D	E	F	G	H	I	Num of Bolt Holes
8	8.00	10.62	13.75	16.50	2.19	1.25	26.00	37.40	19.70	12
10	10.00	12.75	17.00	20.00	2.50	1.375	31.00	52.10	25.20	16
12	12.00	15.00	19.25	22.00	2.62	1.375	33.00	47.44	25.20	20
16	16.00	18.50	23.75	27.00	3.00	1.625	39.00	55.00	28.40	20
18	18.00	21.00	25.75	29.25	3.25	1.75	43.00	65.55	35.40	20
20	20.00	23.00	28.50	32.00	3.50	1.75	47.00	68.98	35.40	24
24	24.00	27.25	33.00	37.00	4.00	2.00	55.00	76.89	35.40	24

No.	Part Name	Material
1	Body	Carbon Steel ASTM A216 - WCB
2	Seat	A105 & STL6
3	Wedge	A216 WCB & ER410
4	Stem	A182 - F6a
5	Gasket	304 Stainless Steel & Graphite
6	Bonnet	Carbon Steel ASTM A216 - WCB
7	Back Seat	410 Stainless Steel
8	Gland Packing	304 Stainless Steel & Graphite
9	Distance Ring	410 Stainless Steel
10	Gland Packing	Flexible Graphite
11	Gland	410 Stainless Steel
12	Gland Flange	Carbon Steel ASTM A216 - WCB
13	Stem Nut	A439-D2
14	Gland Nut	Carbon Steel
15	Lock Nut	Carbon Steel
16	Hand-wheel	Ductile Iron
17	Grease Nipple	Carbon Steel
18	Eye Bolt	2H Steel A194
19	Eye Nut	B7 Steel A193
20	Yoke	Carbon Steel ASTM A216 - WCB
21	Pin	Carbon Steel
22	Bolt	B7 Steel A193
23	Nut	2H Steel A194
24	Bolt	B7 Steel A193
25	Nut	2H Steel A194
26	Name Plate	304 Stainless Steel
27	Rivet	304 Stainless Steel

Shell Test Water psi	Seat Test Water psi	Seat Test Air psi
2225	1628	80

Temperature °F	Working Pressure psi
-20 to 100	1480
200	1350
300	1315
400	1270
500	1200
600	1095
650	1075
700	1065
750	1010
800	825
850	535
900	345
950	205
1000	105

## Ordering

Fig: 8 - 35 - 6 - 1 - 4

Description: 8" - Series 35 - 600# Flange Ends - Carbon Steel

Size	Series	Class	Ends	Body Material	Options
2	35	6 600	1 Flange	4 Carbon Steel	X Oxygen Service
2-1/2			2 Butt-weld		SF Silicon Free
3					RTJ Ring Type Joint Flange
4					
5					
6					
8					
10					
12					
14					
16					
18					
20					
24					

# Series 35116

## 150# Flanged Stainless Steel Gate Valve

### Features

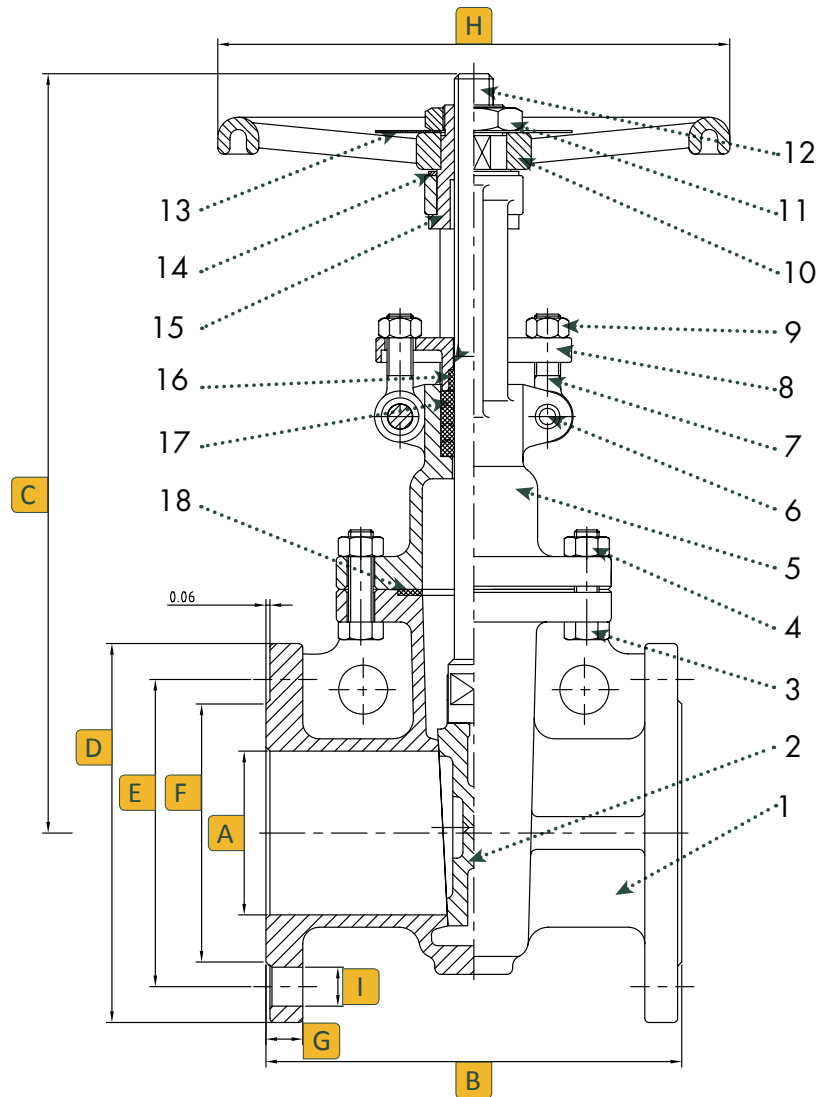
- Outside screw and yoke
- Bolted bonnet
- Flexible wedge, fully guided
- Integrated seats
- Rising stem and non-rising hand-wheel
- Flanged ends
- Butt-weld ends
- Available with gear operator
- Applicable Standards:
  - Gate valves API 603
  - Steel valves ANSI B16.34
  - Face to face ANSI B16.10
  - End flanges ANSI B16.5
  - Butt-weld ends ANSI B16.25
  - Inspection and test API 598



*Valves, Automation & Controls*



# 1/2" - 12" Dimensions, Parts & Materials



Dimensions (Inches)

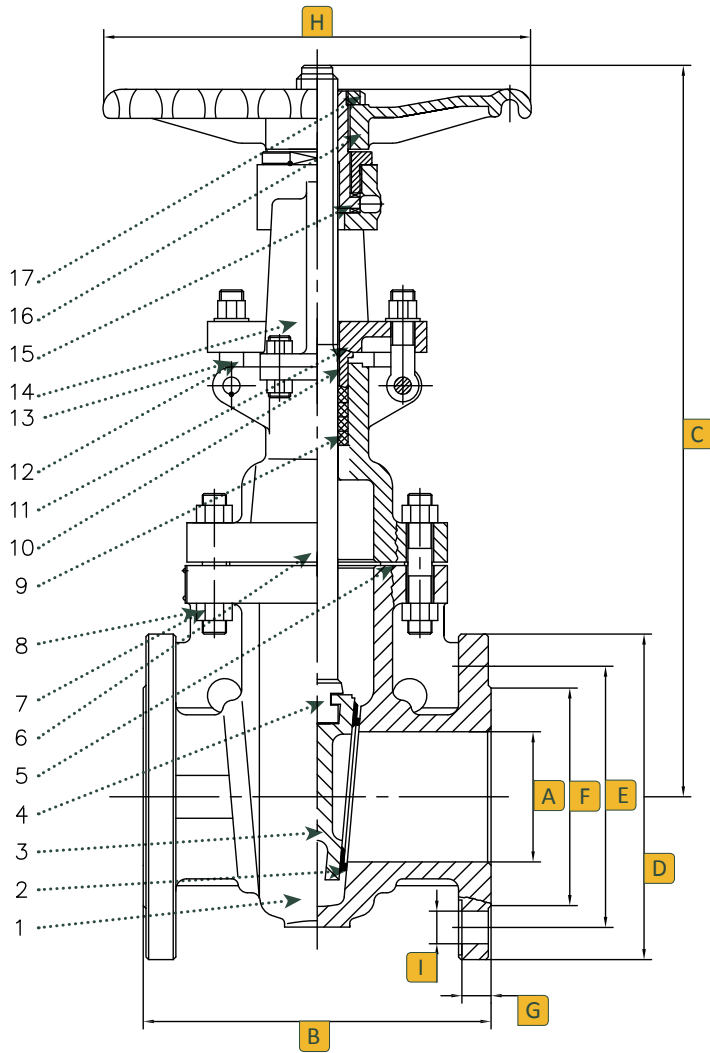
Size	A	B	C	D	E	F	G	H	I	Num of Bolt Holes
1/2	0.59	4.25	7.50	3.50	2.38	1.38	0.48	4.72	0.62	4
3/4	0.79	4.61	7.68	3.88	2.75	1.69	0.48	4.72	0.62	4
1	0.98	5.00	9.21	4.25	3.12	2.00	0.48	4.72	0.62	4
1-1/2	1.57	6.50	11.57	5.00	3.88	2.88	0.56	7.87	0.62	4
2	1.97	7.01	13.03	6.00	4.75	3.62	0.62	7.87	0.75	4
2-1/2	2.56	7.48	15.47	7.00	5.50	4.12	0.69	7.87	0.75	4
3	3.15	7.99	18.50	7.50	6.00	5.00	0.75	9.84	0.75	4
4	3.94	9.02	21.45	9.00	7.50	6.19	0.94	9.84	0.75	8
5	4.92	10.00	25.20	10.00	8.50	7.31	0.94	11.81	0.88	8
6	5.91	10.51	29.13	11.00	9.50	8.50	1.00	11.81	0.88	8
8	7.87	11.50	35.83	13.50	11.75	10.62	1.12	13.78	0.88	8
10	9.84	12.99	43.19	16.00	14.25	12.75	1.19	15.75	1.00	12
12	11.81	14.02	50.59	19.00	17.00	15.00	1.25	15.75	1.00	12

No.	Part Name	Qty	Material
1	Body	1	316 Stainless Steel ASTM A351 CF8M
2	Disc	1	316 Stainless Steel ASTM A351 CF8M
3	Bonnet Bolt	1	304 Stainless Steel
4	Bonnet Nut	1	304 Stainless Steel
5	Bonnet	1	316 Stainless Steel ASTM A351 CF8M
6	Hinge Pin	1	304 Stainless Steel
7	Eye Bolt	1	304 Stainless Steel
8	Gland	1	316 Stainless Steel ASTM A351 CF8M
9	Eye Nut	1	304 Stainless Steel
10	Hand Wheel	1	A47 / A536
11	Nut	1	Brass
12	Stem	1	A182 - F316
13	Name Plate	1	304 Stainless Steel
14	Spring	1	Brass
15	Yoke Sleeve	1	Brass
16	Gland Packing	1	PTFE / Graphite
17	Packing	1	PTFE
18	Gasket	1	PTFE / Grafoil + 316 Sheet

# 14" - 24" Dimensions, Parts & Materials

**SHARPE - SERIES 35116** | 150# Flanged Stainless Steel Gate Valve

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Size	A	B	C	D	E	F	G	H	I	Num of Bolt Holes
14	13.27	15.00	59.65	21.00	18.75	18.75	1.38	19.69	1.125	12
16	15.24	16.00	67.76	23.50	21.25	21.25	1.44	19.69	1.125	16
18	17.24	17.00	74.92	25.00	22.75	22.75	1.56	23.62	1.125	16
20	19.25	18.00	82.83	27.50	25.00	25.00	1.69	23.62	1.125	20
24	23.27	20.00	99.02	32.00	29.50	29.50	1.88	27.56	1.125	20

No.	Part Name	Material
1	Body	316 Stainless Steel ASTM A351 CF8M
2	Seal Face	316 Stainless Steel
3	Wedge	316 Stainless Steel ASTM A351 CF8M
4	Stem	ASTM A182 F316
5	Gasket	Solid Metal Serrated Gasket
6	Bonnet	316 Stainless Steel ASTM A351 CF8M
7	Bonnet Bolt	B8 A193
8	Bonnet Nut	Gr. 8 A194
9	Stem Packing	Graphite
10	Gland	ASTM A182 F316
11	Gland Flange	CF8 A351
12	Gland Eyebolt	B8 A193
13	Gland Nut	Gr. 8 A194
14	Yoke	316 Stainless Steel ASTM A351 CF8M
15	Stem Nut	Steel
16	Hand Wheel	Ductile Iron
17	Lock Nut	ANSI 1020

Shell Test Water	Seat Test Water	Seat Test Air
450 psi	314 psi	80 psi

Temperature °F	Working Pressure psi
-20 to 100	275
200	235
300	215
400	195
500	170
600	140
650	125
700	110
750	95
800	80
850	65
900	50
950	35
1000	20

## Ordering

Fig: 8 - 35 - 1 - 1 - 6  
 Description: 8" - Series 35 - 150# Flange Ends - Stainless Steel

Size	Series	Class	Ends	Body Material	Options	
1/2	35	1	150 Flange	1 Flange	6 316 Stainless Steel	X Oxygen Service
3/4				2 Butt-weld		SF Silicon Free
1						RTJ Ring Type Joint Flange
1-1/2						
2						
2-1/2						
3						
4						
5						
6						
8						
10						
12						
14						
16						
18						
20						
24						



# Series 35316

## 300# Flanged Stainless Steel Gate Valve

### Features

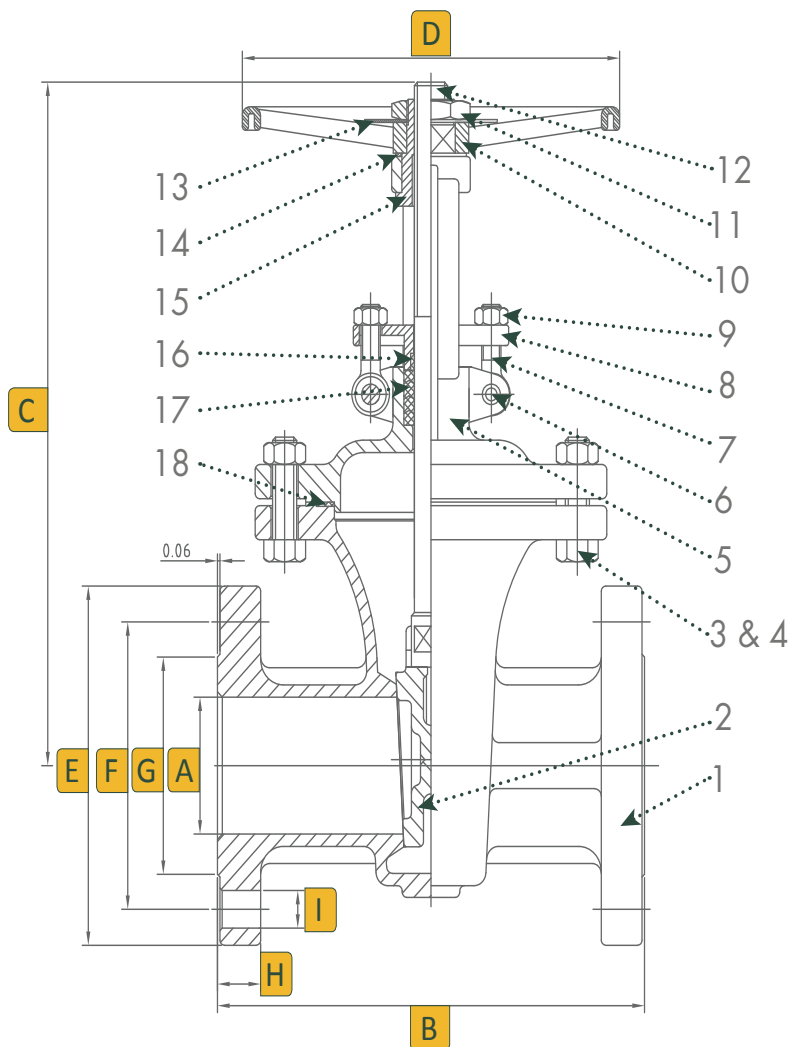
- Outside screw and yoke
- Bolted bonnet
- Flexible wedge, fully guided
- Integrated seats
- Rising stem and non-rising hand-wheel
- Flanged ends
- Butt-weld ends
- Available with gear operator
- Applicable Standards:
  - Gate valves API 603
  - Steel valves ANSI B16.34
  - Face to face ANSI B16.10
  - End flanges ANSI B16.5
  - Butt-weld ends ANSI B16.25
  - Inspection and test API 598



Valves, Automation & Controls



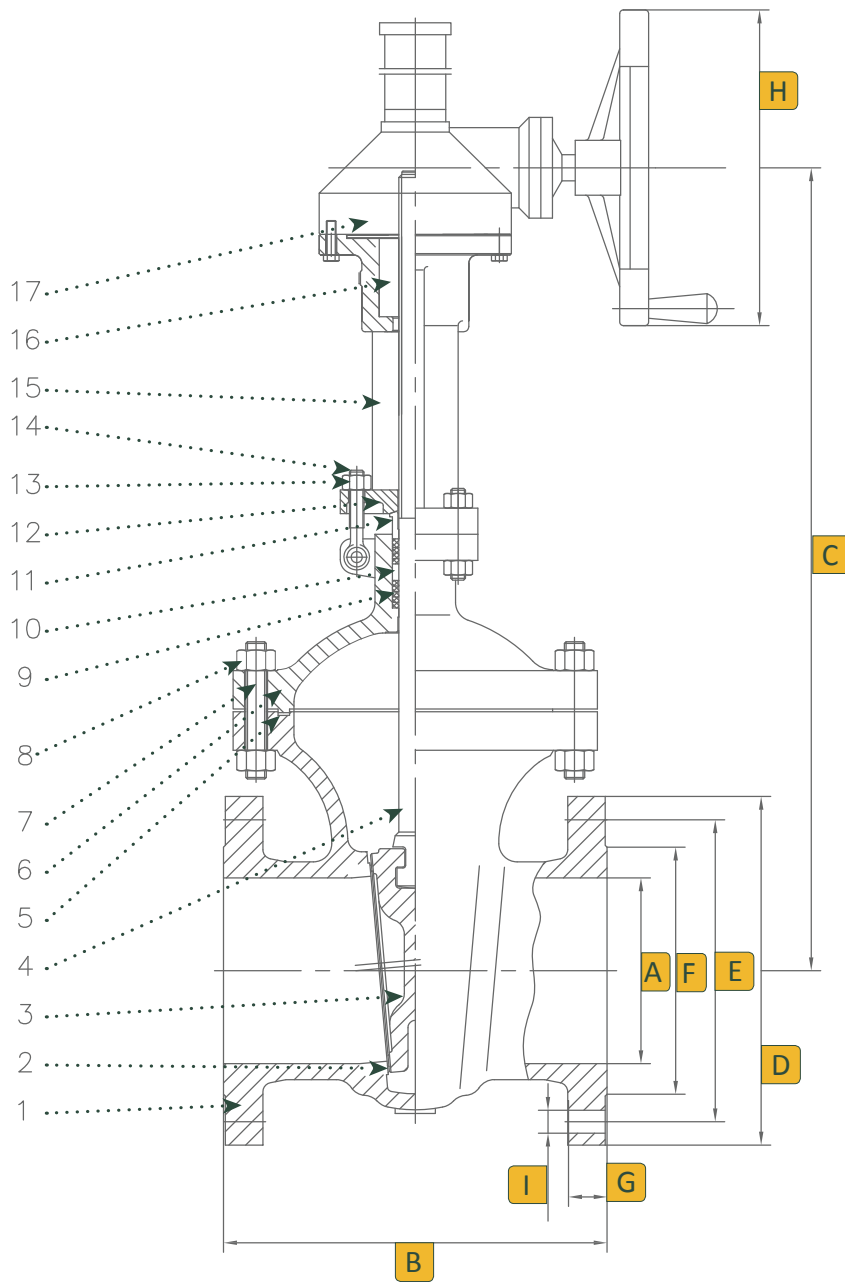
## 2" - 12" Dimensions, Parts & Materials



Dimensions (Inches)

Size	A	B	C	D	E	F	G	H	I	Num of Bolt Holes
2	2	11.50	14.6	5.75	6.50	5	3.62	1	.75	8
2-1/2	2.5	13.00	18.45	9.85	9.85	7.5	4.12	1.12	0.88	8
3	3	14.00	18.70	11.85	8.25	6.62	5	1.25	0.88	8
4	4	17.00	18.70	13.80	10.75	8.50	6.18	1.50	1	8
6	6	22	28.30	35.20	14	11.50	8.50	1.88	1.12	12
8	7.88	25.6	33.78	19.70	16.50	13.75	10.62	2.19	1.25	12
10	9.75	31.00	39.34	27.60	20	17	12.75	2.50	1.38	16
12	11.75	33.00	46.20	31.50	22	19.25	15	2.63	1.38	20

No.	Part Name	Qty	Material
1	Body	1	316 Stainless Steel ASTM A351 CF8M
2	Disc	1	316 Stainless Steel ASTM A351 CF8M
3	Bonnet Bolt	1	304 Stainless Steel
4	Bonnet Nut	1	304 Stainless Steel
5	Bonnet	1	316 Stainless Steel ASTM A351 CF8M
6	Hinge Pin	1	304 Stainless Steel
7	Eye Bolt	1	304 Stainless Steel
8	Gland	1	316 Stainless Steel
9	Eye Nut	1	304 Stainless Steel
10	Hand Wheel	1	A47 / A536
11	Nut	1	Brass
12	Stem	1	A182 - F316
13	Name Plate	1	304 Stainless Steel
14	Spring	1	Brass
15	Yoke Sleeve	1	Brass
16	Gland Packing	1	PTFE / Graphite
17	Packing	1	PTFE
18	Gasket	1	304 + Graphite



Size	A	B	C	D	E	F	G	H	I	Num of Bolt Holes
14	13.27	30.00	47.36	23.00	20.25	16.25	2.12	18.11	1-1/4	20
16	15.24	33.00	54.88	25.50	22.50	18.50	2.25	18.11	1-3/8	20
18	17.01	36.00	58.94	28.00	24.75	20.98	2.38	18.11	1-3/8	24
20	19.02	39.00	64.65	30.50	27.00	22.99	2.50	23.62	1-3/8	24
24	22.99	45.00	77.80	36.00	32.00	27.24	2.75	23.62	1-3/8	24

No.	Part Name	Material
1	Body	316 Stainless Steel ASTM A351 CF8M
2	Seal Face	316 Stainless Steel
3	Wedge	316 Stainless Steel ASTM A351 CF8M
4	Stem	A182 F316
5	Gasket	Solid Metal Serrated Gasket
6	Bonnet	316 Stainless Steel
7	Bonnet Bolt	B8 A193
8	Bonnet Nut	Gr. 8 A194
9	Stem Packing	Graphite
10	Gland	A182 F316
11	Gland Flange	CF8 A351
12	Gland Eyebolt	B8 A193
13	Gland Nut	Gr. 8 A194
14	Yoke	316 Stainless Steel ASTM A351 CF8M
15	Stem Nut	Zinc Plated Steel
16	Hand Wheel	Ductile Iron
17	Lock Nut	ANSI 1020

Shell Test Water psi	Seat Test Water psi	Seat Test Air psi
1125	814	80

Temperature °F	Working Pressure psi
-20 to 100	720
200	620
300	560
400	515
500	480
600	450
650	445
700	430
750	425
800	420
850	420
900	415
950	385
1000	350

## Ordering

Fig: 8 - 35 - 3 - 1 - 6

Description: 8" - Series 35 - 300# Flange Ends - Stainless Steel

Size	Series	Class		Ends		Body Material		Options	
1/2	35	3	300	1	Flange	6	316 Stainless Steel	X	Oxygen Service
3/4				2	Butt-weld			SF	Silicon Free
1								RTJ	Ring Type Joint Flange
1-1/2									
2									
2-1/2									
3									
4									
5									
6									
8									
10									
12									
14									
16									
18									
20									
24									