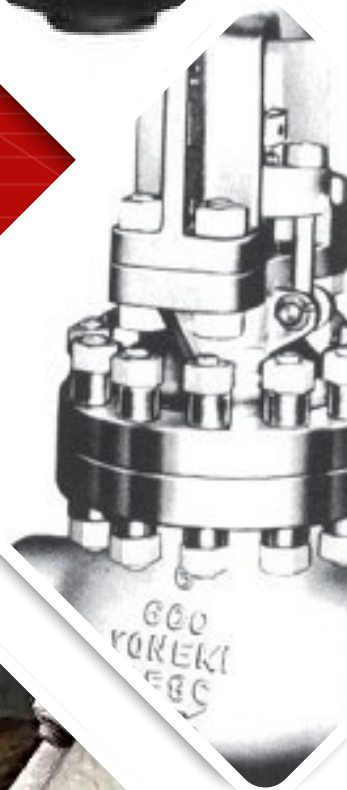


Yoneki

Brochure

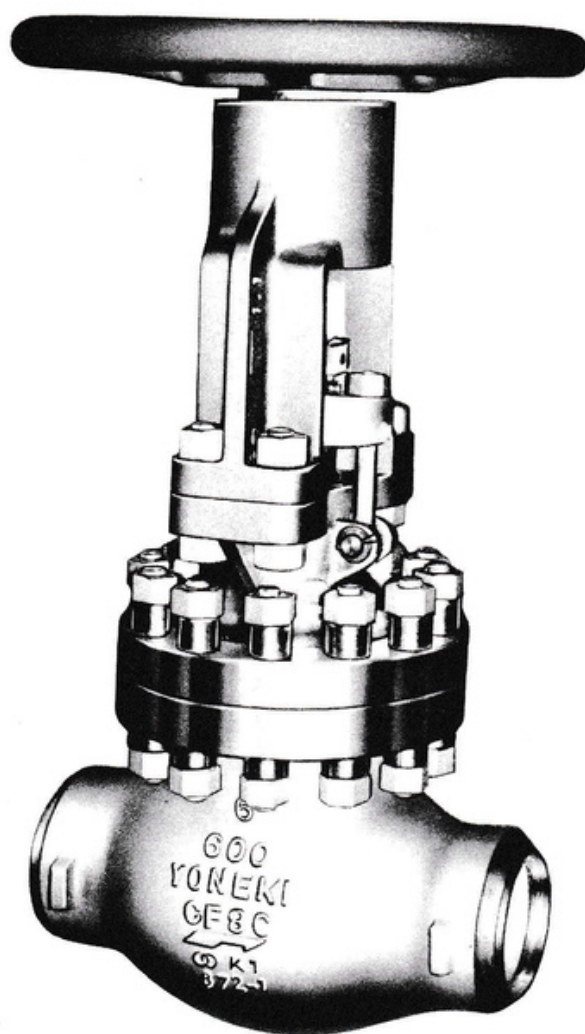


YONEKI VALVE

GLOBE VALVES

**CLASS 150-300-600-
900-1500-2500**

FLANGED ENDS
BUTT WELDING ENDS
BOLTED BONNET O.S.&Y.



ANSI 150 CAST STEEL GATE VALVE

BOLTED BONNET O.S. & Y.

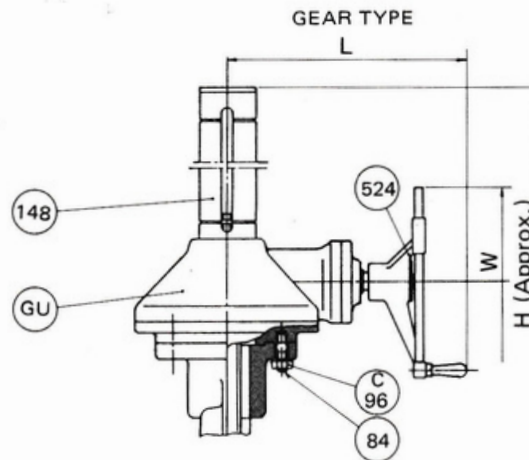
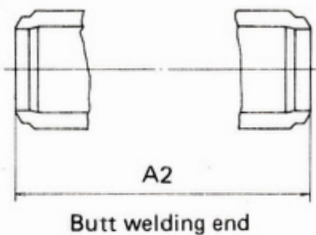
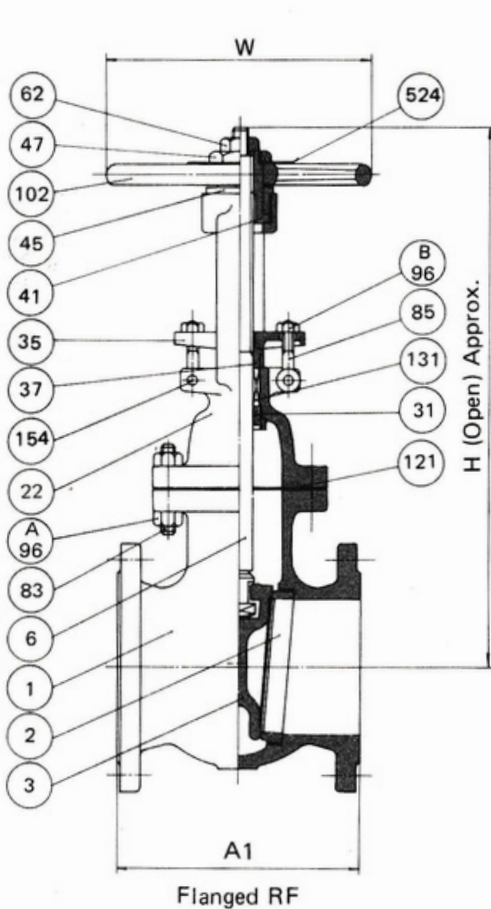


Figure No.

GA010RA	150 lb Gate RF
GA010WA	150 lb Gate Weld

■ Features

- End to end dimensions and Wall thicknesses conform to ANSI and API specifications.
- 8 in. and smaller Valves have a one piece Bonnet and Yoke design.
- 10 in. and larger Valves have a two piece Bonnet and Yoke design.
- 4 in. and smaller Valves have a plain solid Wedge.
- 5 in. and larger Valves have a one piece flexible Wedge.
- 2 in. Valves have a square Bonnet flange.
- 2-1/2 in. and larger Valves have an oval type Bonnet flange.
- Gear operator can be furnished upon request.
- Flange dimensions;
24 in. and smaller Valves conform to ANSI B16.5.
26 in. and larger Valves conform to API 605.

Material Specifications Trim No. 8

NO.	PART NAME	MATERIAL
GU	Bevel Gear Unit	Cast Iron + etc
524	Name Plate	18Cr-8Ni S. Steel
154	Eye Bolt Pin	13% Cr. S. Steel
148	Stem Cap	Carbon Steel
131	Packing	*3
121	Gasket	*2
102	Handwheel	Nodular Iron
96C	Yoke Bolt Nut	ASTM A194 Gr.2H
96B	Eye Bolt Nut	ASTM A194 Gr.2H
96A	Bonnet Bolt Nut	ASTM A194 Gr.2H
85	Eye Bolt	ASTM A193 Gr.B7
84	Yoke Bolt	ASTM A193 Gr.B7
83	Bonnet Bolt	ASTM A193 Gr.B7
62	Stopper	Carbon Steel
47	Lock Nut	Carbon Steel
45	Sleeve Nut	Carbon Steel
41	Yoke Sleeve	Al-Bronze
37	Gland	ASTM A182 Gr.F6a
35	Gland Flange	Carbon Steel
31	Bonnet Bush	ASTM A182 Gr.F6a
22	Bonnet Yoke	ASTM A216 Gr.WCB
6	Stem	ASTM A182 Gr.F6a
3	Wedge	ASTM A182 Gr.F6a*1
2	Body Seat Ring	ASTM A105 + STL
1	Body	ASTM A216 Gr.WCB

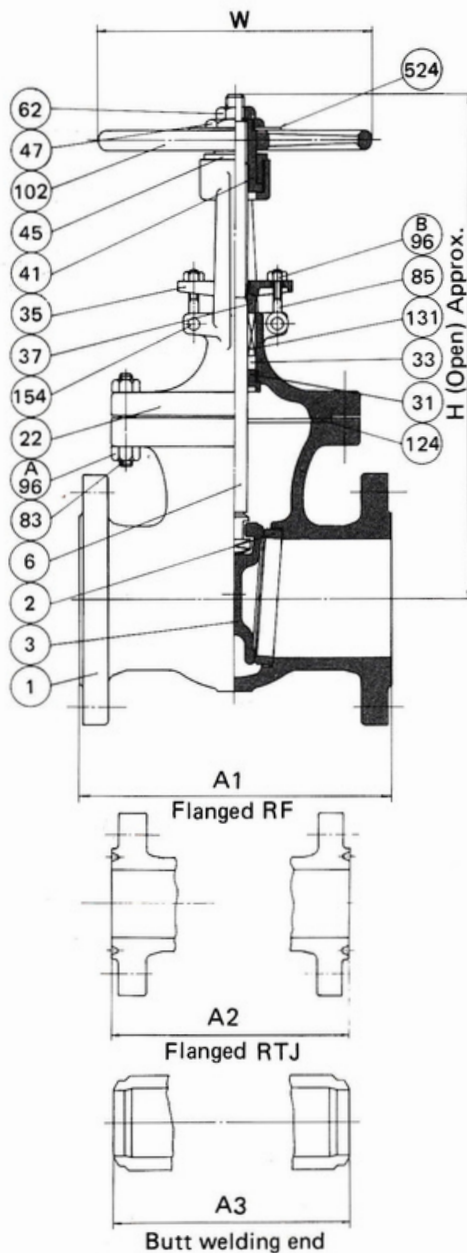
- Note *1 6 in. & 8 in. ASTM A217 Gr. CA15
10 in. & larger ASTM A216 Gr. WCB + 13% Cr. deposit
- *2 Compressed asbestos or Corrugated metal
- *3 Inconel wire reinforced asbestos braided packing

Dimensions (in./mm)

Nom. Size	in. mm	2 50	2-1/2 65	3 80	4 100	5 125	6 150	8 200	10 250	12 300	14 350	16 400	18 450	20 500	24 600	26 650	28 700	30 750	36 900	40 1000	42 1050	48 1200	
A1	in. mm	7 178	7-1/2 190	8 203	9 229	10 254	10-1/2 267	11-1/2 292	13 330	14 356	15 381	16 406	17 432	18 457	20 508	22 559	24 610	24 610	28 711	30 762	31 787	34 864	
A2	in. mm	8-1/2 216	9-1/2 241	11-1/8 283	12 305	15 381	15-7/8 403	16-1/2 419	18 457	19-3/4 502	22-1/2 572	24 610	26 660	28 711	32 813	34 864	36 914	36 914	40 1016	42 1067	43 1092	46 1168	
H	in. mm	14-7/8 378	17-1/2 445	18-3/4 476	22-3/4 578	27-5/8 702	30-3/8 772	38 965	47-1/4 1200	55 1397	60-1/8 1527	68-1/2 1740	81-3/4 2077	89-3/8 2270	105 2667	119-3/8 3032	122-7/8 3121	131-5/8 3343	164-1/4 4172	183-7/8 4670	193-3/4 4920	217-1/2 5525	
W	in. mm	7-7/8 200	7-7/8 200	9-7/8 250	9-7/8 250	11-13/16 300	11-13/16 300	14 355	15-3/4 400	19-11/16 500	22-1/2 560	23-5/8 600	18-1/8 460	18-1/8 460	24 610	24 610	24 610	24 610	24 610	30 760	30 760	30 760	
L	in. mm	-	-	-	-	-	-	-	-	-	-	-	16-13/16 427	16-13/16 427	17 432	20-3/16 512	20-3/16 512	20-3/16 512	20-3/16 512	21-13/16 554	21-13/16 554	21-13/16 554	
Weight (Approx.)	RF	lb 17	37 30	66 34	75 48	106 65	143 65	170 77	265 120	441 200	639 290	816 370	1036 470	1323 600	1654 750	2040 925	4190 1900	4631 2100	4410 2000	8489 3850	10617 4815	11687 5300	15678 7110
	BW	lb	33	57	62	93	121	143	221	406	584	750	970	1213	1566	1918	4289	4763	4476	8644	10672	11631	15545
		Ka	15	26	28	42	55	65	100	184	265	340	440	550	710	870	1945	2160	2030	3920	4840	5275	7050

ANSI 300 CAST STEEL GATE VALVE

BOLTED BONNET O.S. & Y.



GEAR TYPE

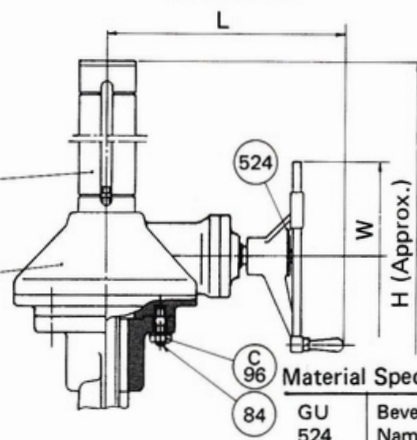


Figure No.

GA030RA	300 lb Gate RF
GA030JA	300 lb Gate RTJ
GA030WA	300 lb Gate Weld

■ Features

- End to end dimensions and Wall thicknesses conform to ANSI and API specifications.
- 8 in. and smaller Valves have a one piece Bonnet and Yoke design.
- 10 in. and larger Valves have a two piece Bonnet and Yoke design.
- 4 in. and smaller Valves have a plain solid Wedge.
- 5 in. and larger Valves have a one piece flexible Wedge.
- Gear operator can be furnished upon request.
- Flange dimension;
24 in. and smaller Valves conform to ANSI B16.5.
26 in. and larger Valves conform to API 605.

Material Specifications Trim No. 8

NO.	PART NAME	MATERIAL
GU	Bevel Gear Unit	Cast Iron + etc.
524	Name Plate	18Cr-8Ni S. Steel
154	Eye Bolt Pin	13% Cr. S. Steel
148	Stem Cap	Carbon Steel
131	Packing	*3
124	Gasket	*2
102	Handwheel	Nodular Iron
96C	Yoke Bolt Nut	ASTM A194 Gr. 2H
96B	Eye Bolt Nut	ASTM A194 Gr. 2H
96A	Bonnet Bolt Nut	ASTM A194 Gr. 2H
85	Eye Bolt	ASTM A193 Gr. B7
84	Yoke Bolt	ASTM A193 Gr. B7
83	Bonnet Bolt	ASTM A193 Gr. B7
62	Stopper	Carbon Steel
47	Lock Nut	Carbon Steel
45	Sleeve Nut	Carbon Steel
41	Yoke Sleeve	Al-Bronze
37	Gland	ASTM A182 Gr. F6a
35	Gland Flange	Carbon Steel
33	Packing Washer	ASTM A182 Gr. F6a
31	Bonnet Bush	ASTM A182 Gr. F6a
22	Bonnet Yoke	ASTM A216 Gr. WCB
6	Stem	ASTM A182 Gr. F6a
3	Wedge	ASTM A182 Gr. F6a *1
2	Body Seat Ring	ASTM A105 + STL
1	Body	ASTM A216 Gr. WCB

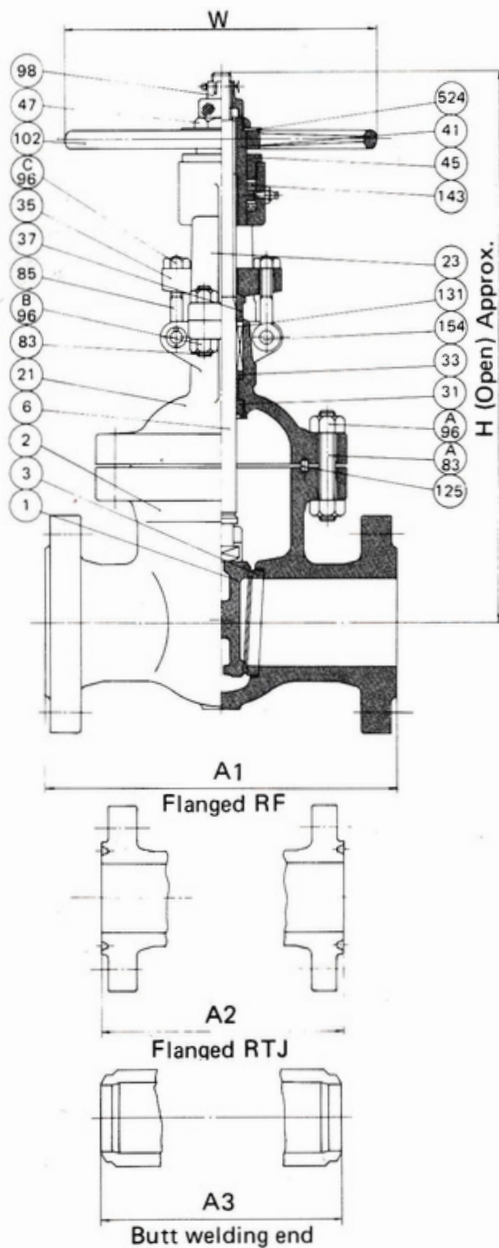
- Note *1 6 in. & 8 in. ASTM A217 Gr. CA15
10 in. & larger ASTM A216 Gr. WCB + 13% Cr. deposit
- *2 Spiral wound 304 s. steel asbestos filled
- *3 Inconel wire reinforced asbestos braided packing

Dimensions (in./mm)

Norm. Size	2	2-1/2	3	4	5	6	8	10	12	14	16	18	20	24	26	28	30	36	40	42	48
A1	8-1/2	9-1/2	11-1/8	12	15	15-7/8	16-1/2	18	19-3/4	30	33	36	39	45	49	53	55	68	76	78	88
A2	216	241	283	305	381	403	419	457	502	762	838	914	991	1143	1245	1346	1397	1727	1930	1981	2235
A3	9-1/8	10-1/8	11-3/4	12-5/8	15-5/8	16-1/2	17-1/8	18-5/8	20-3/8	30-5/8	33-5/8	36-5/8	39-3/4	45-7/8	50	54	56	69-1/8	-	-	-
H	8-1/2	9-1/2	11-1/8	12	15	15-7/8	16-1/2	18	19-3/4	30	33	36	39	45	49	53	55	68	76	78	88
W	216	241	283	305	381	403	419	457	502	762	838	914	991	1143	1245	1346	1397	1727	1930	1981	2235
L	16-1/4	18-3/4	19-7/8	23-3/4	30-3/4	31-7/8	40-3/8	49-1/4	57	66-7/8	80-1/8	89-5/8	96-3/4	112-7/8	126	130	148-1/2	169-3/4	188-5/8	198-1/8	217-3/8
RF	413	476	505	604	781	810	1026	1251	1448	1698	2035	2277	2458	2867	3200	3302	3772	4312	4791	5032	5522
BW	7-7/8	7-7/8	9-7/8	9-7/8	11-13/16	14	15-3/4	19-11/16	22-1/16	18-1/8	24	24	24	24	24	30	30	30	24	24	24
Weight (Approx.)	200	200	250	250	300	355	400	500	560	460	610	610	610	610	610	610	760	760	760	610	610
RF	62	88	104	154	265	287	430	772	1069	1588	2536	3164	4289	5843	6946	8070	9592	15104	18654	20948	27342
BW	51	77	70	132	221	234	324	562	838	1477	2205	2602	3638	4851	5711	6637	7629	11003	13583	14994	19845
	23	35	36	60	100	106	147	255	380	670	1000	1180	1650	2200	2590	3010	3460	4990	6160	6800	9000

ANSI 600 CAST STEEL GATE VALVE

BOLTED BONNET O.S. & Y.



GEAR TYPE

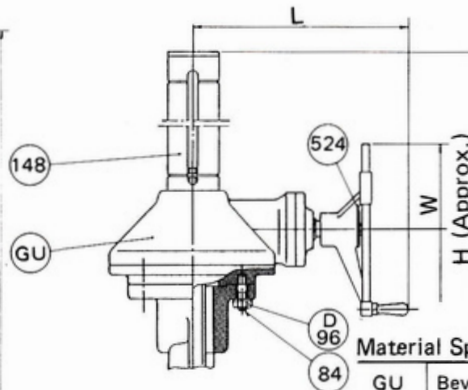


Figure No.

GA060RA	600 lb Gate RF
GA060JA	600 lb Gate RTJ
GA060WA	600 lb Gate Weld

Material Specifications Trim No. 8

NO.	PART NAME	MATERIAL
GU	Bevel Gear Unit	Cast Iron + etc.
524	Name Plate	18Cr-8Ni S. Steel
154	Eye Bolt Pin	13% Cr S. Steel
148	Stem Cap	Carbon Steel
143	Bearing	Bearing Steel
131	Packing	*3
125	Gasket	*2
102	Handwheel	Nodular Iron
98	Lift Stopper	Carbon Steel
96D	Yoke Bolt Nut	ASTM A194 Gr. 2H
96C	Eye Bolt Nut	ASTM A194 Gr. 2H
96B	Bonnet Yoke Bolt Nut	ASTM A194 Gr. 2H
96A	Bonnet Bolt Nut	ASTM A194 Gr. 2H
85	Eye Bolt	ASTM A193 Gr. B7
84	Yoke Bolt	ASTM A193 Gr. B7
83B	Bonnet Yoke Bolt	ASTM A193 Gr. B7
83A	Bonnet Bolt	ASTM A193 Gr. B7
47	Lock Nut	Carbon Steel
45	Sleeve Nut	Carbon Steel
41	Yoke Sleeve	Al-Bronze
37	Gland	ASTM A182 Gr. F6a
35	Gland Flange	Carbon Steel
33	Packing Washer	ASTM A182 Gr. F6a
31	Bonnet Bush	ASTM A182 Gr. F6a
23	Yoke	ASTM A216 Gr. WCB
21	Bonnet	ASTM A216 Gr. WCB
6	Stem	ASTM A182 Gr. F6a
3	Wedge	ASTM A182 Gr. F6a*1
2	Body Seat Ring	ASTM A105 + STL
1	Body	ASTM A216 Gr. WCB

■ Features

- End to end dimensions and Wall thickness conform to ANSI and API specifications.
- 4 in. and smaller Valves have a one piece Bonnet and Yoke design.
- 5 in. and larger Valves have a two piece Bonnet and Yoke design.
- 4 in. and smaller Valves have a plain solid Wedge.
- 5 in. and larger Valves have a one piece flexible Wedge.
- Gear operator can be furnished upon request.
- Flange dimensions; 24 in. and smaller Valves conform to ANSI B16.5. 26 in. and larger Valves conform to API 605.

- Note
- *1 5 in. & larger ASTM A216 Gr. WCB + 13% Cr. deposit
 - *2 Soft iron ring joint gasket
 - *3 Inconel wire reinforced asbestos braided packing

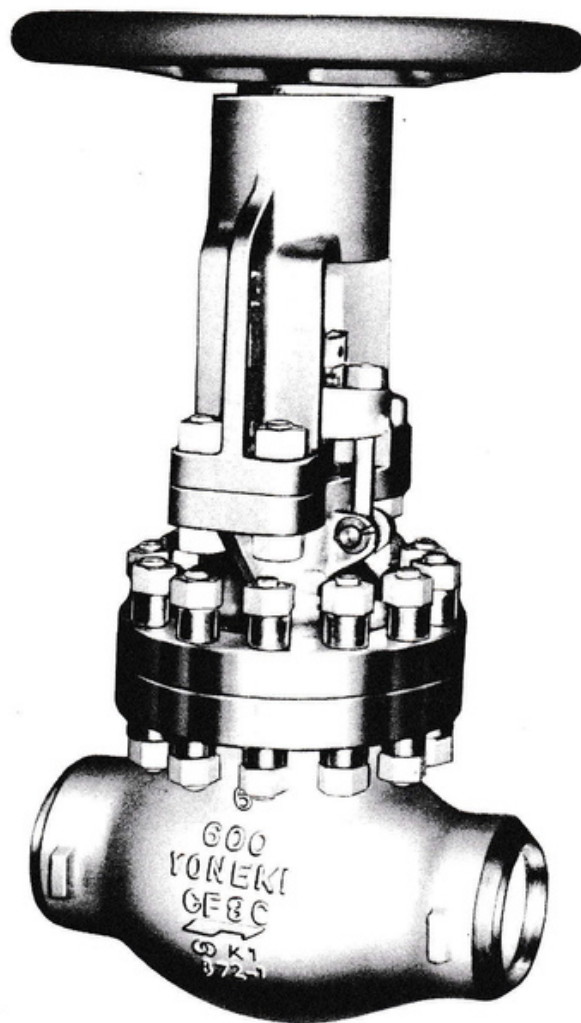
Dimensions (in./mm)

Nom. Size	2	2-1/2	3	4	5	6	8	10	12	14	16	18	20	24	26	28	30	36
A1	11-1/2	13	14	17	20	22	26	31	33	35	39	43	47	55	57	61	65	82
A2	11-5/8	13-1/8	14-1/8	17-1/8	20-1/8	22-1/8	26-1/8	31-1/8	33-1/8	35-1/8	39-1/8	43-1/8	47-1/8	55-3/8	—	—	—	—
A3	11-1/2	13	14	17	20	22	26	31	33	35	39	43	47	55	57	61	65	82
H	17-3/8	19-1/4	20-7/8	25-3/4	33-3/4	41	49-1/4	60-1/4	70-1/4	73-1/4	84-7/8	94-1/2	96-7/8	118-5/8	127-1/4	140-1/4	152-3/4	179-1/2
W	7-7/8	9-7/8	9-7/8	11-13/16	15-3/4	19-11/16	22-1/16	27-3/16	24	24	24	24	24	30	30	30	24	24
L	—	—	—	—	—	—	—	—	17	17	20-3/16	20-3/16	20-3/16	21-13/16	21-13/16	21-13/16	20-3/16	20-3/16
RF	110	132	187	298	573	760	1136	1863	2470	2999	4212	5149	5954	9812	11510	13340	15314	22050
BW	50	60	85	135	260	345	515	845	1120	1360	1910	2335	2700	4450	5220	6050	6945	10000
	77	99	143	232	463	584	838	1543	2040	2734	3484	4190	4741	8070	9470	10981	12591	18125
	35	45	65	105	210	265	380	700	925	1240	1580	1900	2150	3660	4295	4980	5710	8220

GLOBE VALVES

**CLASS 150-300-600-
900-1500-2500**

FLANGED ENDS
BUTT WELDING ENDS
BOLTED BONNET O.S.&Y.



ANSI 150 CAST STEEL GLOBE VALVE

BOLTED BONNET O.S. & Y.

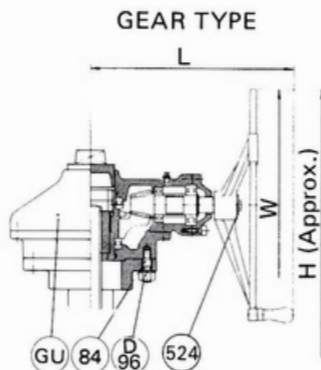
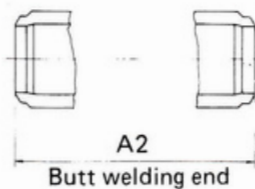
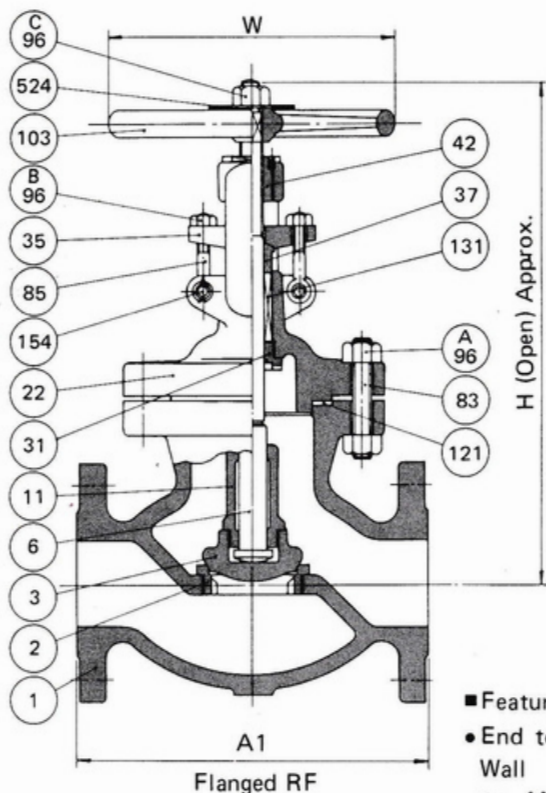


Figure No.

GL010RA	150 lb Globe RF
GL010WA	150 lb Globe Weld

■ Features

- End to end dimensions and Wall thicknesses conform to ANSI and API specifications.
- 10 in. and smaller Valves have a one piece Bonnet and Yoke design.
- 12 in. and larger Valves have a two piece Bonnet and Yoke design.
- Gear operator can be furnished upon request.
- 12 in. and larger Valves have hammer blow Handwheel.
- Angle and Stop check valves also available. Data supplied upon request.

Material Specifications Trim No. 8

NO.	PART NAME	MATERIAL
GU	Bevel Gear Unit	Cast Iron + etc.
524	Name Plate	18Cr-8Ni S. Steel
154	Eye Bolt Pin	13% Cr. S. Steel
131	Packing	*3
121	Gasket	*2
103	Handwheel	Nodular Iron
96D	Yoke Bolt Nut	ASTM A 194 Gr.2H
96C	Wheel Nut	Carbon Steel
96B	Eye Bolt Nut	ASTM A 194 Gr.2H
96A	Bonnet Bolt Nut	ASTM A 194 Gr.2H
85	Eye Bolt	ASTM A 193 Gr.B7
84	Yoke Bolt	ASTM A 193 Gr.B7
83	Bonnet Bolt	ASTM A 193 Gr.B7
42	Yoke Bush	Al-Bronze
37	Gland	ASTM A 182 Gr.F6a
35	Gland Flange	Carbon Steel
31	Bonnet Bush	ASTM A 182 Gr.F6a
22	Bonnet Yoke	ASTM A 216 Gr.WCB
11	Disc Stem Ring	ASTM A 182 Gr.F6a
6	Stem	ASTM A 182 Gr.F6a
3	Disc	ASTM A 182 Gr.F6a *1
2	Body Seat Ring	ASTM A 105 + STL
1	Body	ASTM A 216 Gr. WCB

- Note *1 12 in. & larger ASTM A216 Gr. WCB + 13% Cr. deposit
 *2 Compressed asbestos or Corrugated metal.
 *3 Inconel wire reinforced asbestos braided packing.

Dimensions (in./mm)

Nom. Size	in.	mm	2	2-1/2	3	4	5	6	8	10	12	14	16	18
A1	in.	mm	8	8-1/2	9-1/2	11-1/2	14	16	19-1/2	24-1/2	27-1/2	31	36	38-1/2
A2	in.	mm	8	8-1/2	9-1/2	11-1/2	14	16	19-1/2	24-1/2	27-1/2	31	36	38-1/2
H	in.	mm	13-3/8	15-1/4	15-3/4	17-3/4	19-3/8	21-3/8	25-5/8	28-3/4	35	51	63-3/4	78
W	in.	mm	7-7/8	7-7/8	9-7/8	11-13/16	11-13/16	14	17-11/16	19-11/16	22-1/16	24	24	24
L	in.	mm	-	-	-	-	-	-	-	-	-	20-3/16	20-3/16	17
RF	lb	Kg	53	77	82	139	221	267	401	650	1014	1521	2095	3969
BW	lb	Kg	42	66	64	106	187	221	331	496	838	1323	1874	3638
	lb	Kg	19	30	29	48	85	100	150	225	380	600	850	1650

ANSI 300 CAST STEEL GLOBE VALVE

BOLTED BONNET O.S. & Y.

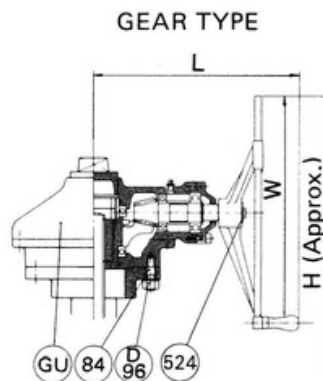
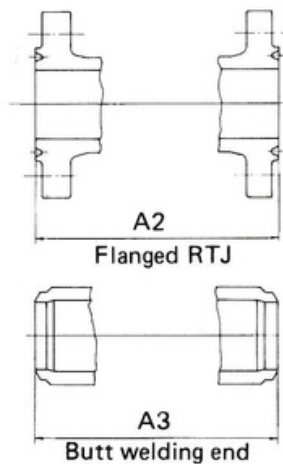
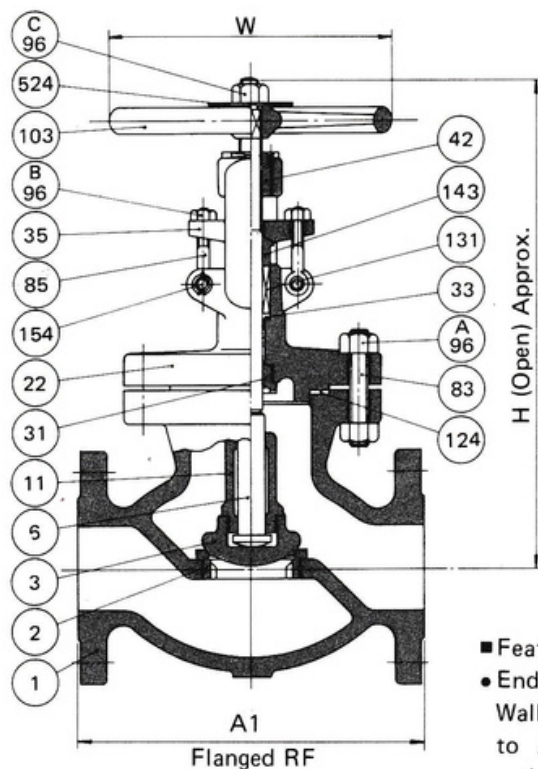


Figure No.

GL030RA	300 lb Globe RF
GL030JA	300 lb Globe RTJ
GL030WA	300 lb Globe Weld

■ Features

- End to end dimensions and Wall thicknesses conform to ANSI and API specifications.
- 6 in. and smaller Valves have a one piece Bonnet and Yoke design.
- 8 in. and larger Valves have a two piece Bonnet and Yoke design.
- Gear operator can be furnished upon request.
- 8 in. and larger Valves have hammer blow Handwheel.
- Angle and Stop check valves also available. Data supplied upon request.

Material Specifications Trim No. 8

NO.	PART NAME	MATERIAL
GU	Bevel Gear Unit	Cast Iron + etc.
524	Name Plate	18Cr-8Ni S. Steel
154	Eye Bolt Pin	13% Cr. S. Steel
131	Packing	*3
124	Gasket	*2
103	Handwheel	Nodular Iron
96D	Yoke Bolt Nut	ASTM A 194 Gr.2H
96C	Wheel Nut	Carbon Steel
96B	Eye Bolt Nut	ASTM A 194 Gr.2H
96A	Bonnet Bolt Nut	ASTM A 194 Gr.2H
85	Eye Bolt	ASTM A 193 Gr.B7
84	Yoke Bolt	ASTM A 193 Gr.B7
83	Bonnet Bolt	ASTM A 193 Gr.B7
42	Yoke Bush	Al-Bronze
37	Gland	ASTM A 182 Gr.F6a
35	Gland Flange	Carbon Steel
33	Packing Washer	ASTM A 182 Gr.F6a
31	Bonnet Bush	ASTM A 182 Gr.F6a
22	Bonnet Yoke	ASTM A 216 Gr.WCB
11	Disc Stem Ring	ASTM A 182 Gr.F6a
6	Stem	ASTM A 182 Gr.F6a
3	Disc	ASTM A 182 Gr.F6a*1
2	Body Seat Ring	ASTM A 105 + STL
1	Body	ASTM A 216 Gr. WCB

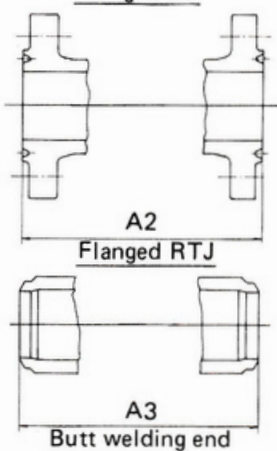
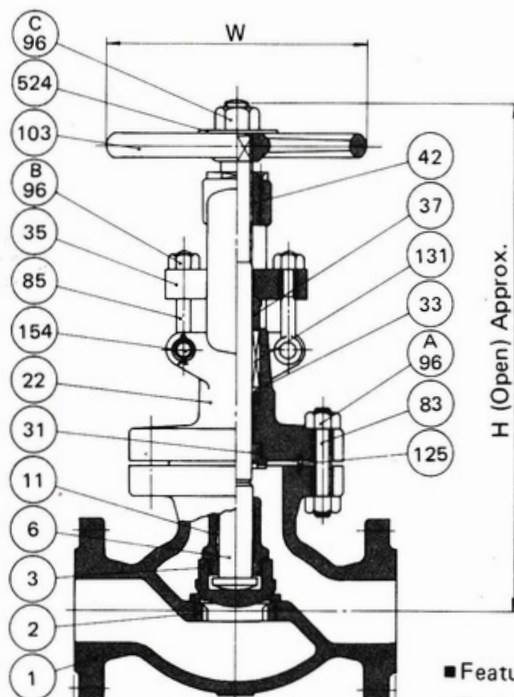
- Note *1 10 in. & larger ASTM A 216 Gr. WCB + 13% Cr. deposit
 *2 Spiral wound 304 s. steel asbestos filled
 *3 Inconel wire reinforced asbestos braided packing

Dimensions (in./mm)

Nom. Size	2	2-1/2	3	4	5	6	8	10	12	14	16
A1	10-1/2	11-1/2	12-1/2	14	15-3/4	17-1/2	22	24-1/2	28	39	42
A2	11-1/8	12-1/8	13-1/8	14-5/8	16-3/8	18-1/8	22-5/8	25-1/8	28-5/8	39-5/8	42-5/8
A3	10-1/2	11-1/2	12-1/2	14	15-3/4	17-1/2	22	24-1/2	28	39	42
H	14-5/8	17-1/4	17-1/4	20-5/8	26-5/8	28-1/4	37	53	57-1/8	61-1/4	67
W	7-7/8	11-3/16	11-13/16	14	15-3/4	17-11/16	22-1/16	24	24	24	24
L	200	300	300	355	400	450	560	610	610	610	610
Weight (Approx.)											
RF	75	115	132	205	353	450	719	1257	2315	3308	4851
BW	34	52	60	93	160	204	326	570	1050	1500	2200
	60	88	97	150	287	353	595	1058	2073	2977	4410
	27	40	44	68	130	160	270	480	940	1350	2000

ANSI 600 CAST STEEL GLOBE VALVE

BOLTED BONNET O.S. & Y.



Features

- End to end dimensions and Wall thicknesses conform to ANSI and API specifications.
- 4 in. and smaller Valves have a one piece Bonnet and Yoke design.
- 5 in. and larger Valves have a two piece Bonnet and Yoke design.
- Gear operator can be furnished upon request.
- 6 in. and larger Valves have hammer blow Handwheel.
- Angle and stop check valves also available. Data supplied upon request.

GEAR TYPE

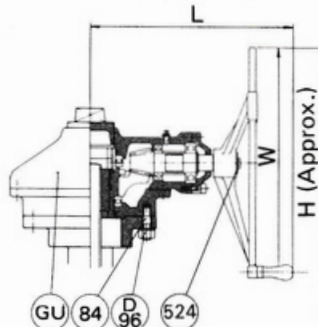


Figure No.

GL060RA	600 lb Globe RF
GL060JA	600 lb Globe RTJ
GL060WA	600 lb Globe Weld

Material Specifications Trim No. 8

NO.	PART NAME	MATERIAL
GU	Bevel Gear Unit	Cast Iron + etc.
524	Name Plate	18Cr-8Ni S. Steel
154	Eye Bolt Pin	13% Cr. S. Steel
131	Packing	*3
125	Gasket	*2
103	Handwheel	Nodular Iron
96D	Yoke Bolt Nut	ASTM A 194 Gr.2H
96C	Wheel Nut	Carbon Steel
96B	Eye Bolt Nut	ASTM A 194 Gr.2H
96A	Bonnet Bolt Nut	ASTM A 194 Gr.2H
85	Eye Bolt	ASTM A 193 Gr.B7
84	Yoke Bolt	ASTM A 193 Gr.B7
83	Bonnet Bolt	ASTM A 193 Gr.B7
42	Yoke Bush	Al-Bronze
37	Gland	ASTM A 182 Gr.F6a
35	Gland Flange	Carbon Steel
33	Packing Washer	ASTM A 182 Gr.F6a
31	Bonnet Bush	ASTM A 182 Gr.F6a
22	Bonnet Yoke	ASTM A 216 Gr.WCB
11	Disc Stem Ring	ASTM A 182 Gr.F6a
6	Stem	ASTM A 182 Gr.F6a
3	Disc	ASTM A 182 Gr.F6a *1
2	Body Seat Ring	ASTM A 105 + STL
1	Body	ASTM A 216 Gr. WCB

- Note
- *1 10 in. & larger ASTM A 216 Gr. WCB + 13% Cr. deposit
 - *2 Soft iron ring joint gasket
 - *3 Inconel wire reinforced asbestos braided packing

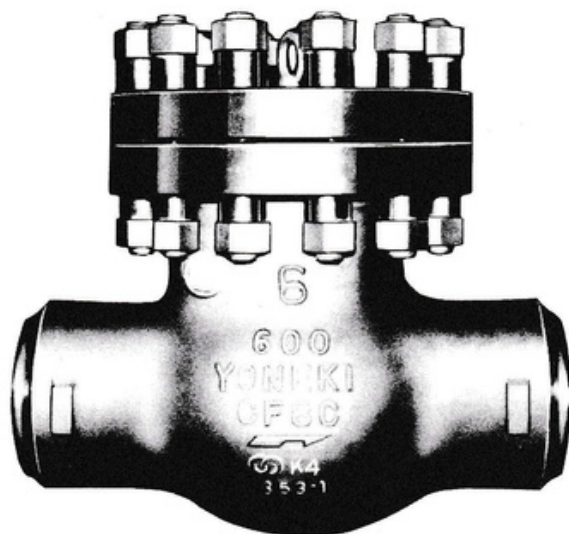
Dimensions (in./mm)

Nom. Size	in.	mm	2	2-1/2	3	4	5	6	8	10	12	14	16
A1	in.	mm	11-1/2	13	14	17	20	22	26	31	33	35	39
A2	in.	mm	11-5/8	13-1/8	14-1/8	17-1/8	20-1/8	22-1/8	26-1/8	31-1/8	33-1/8	35-1/8	39-1/8
A3	in.	mm	11-1/2	13	14	17	20	22	26	31	33	35	39
H	in.	mm	18	20-5/8	23-3/4	27	31-3/4	36-1/4	55-1/8	62	67	70-7/8	76
W	in.	mm	9-7/8	11-13/16	11-13/16	17-11/16	19-11/16	23-5/8	18-1/8	24	24	24	30
L	in.	mm	250	300	300	450	500	600	460	610	610	610	760
Weight (Approx.)	lb	Kg	110	154	205	348	485	816	1544	2756	4190	5954	7938
RF	lb	Kg	50	70	93	158	220	370	700	1250	1900	2700	3600
BW	lb	Kg	88	132	165	265	397	650	1367	2403	3793	5535	7387
	lb	Kg	40	60	75	120	180	295	620	1090	1720	2510	3350

SWING CHECK VALVES

CLASS 150-300-600- 900-1500-2500

FLANGED ENDS
BUTT WELDING ENDS
BOLTED COVER



ANSI 150 CAST STEEL SWING CHECK VALVE

BOLTED COVER

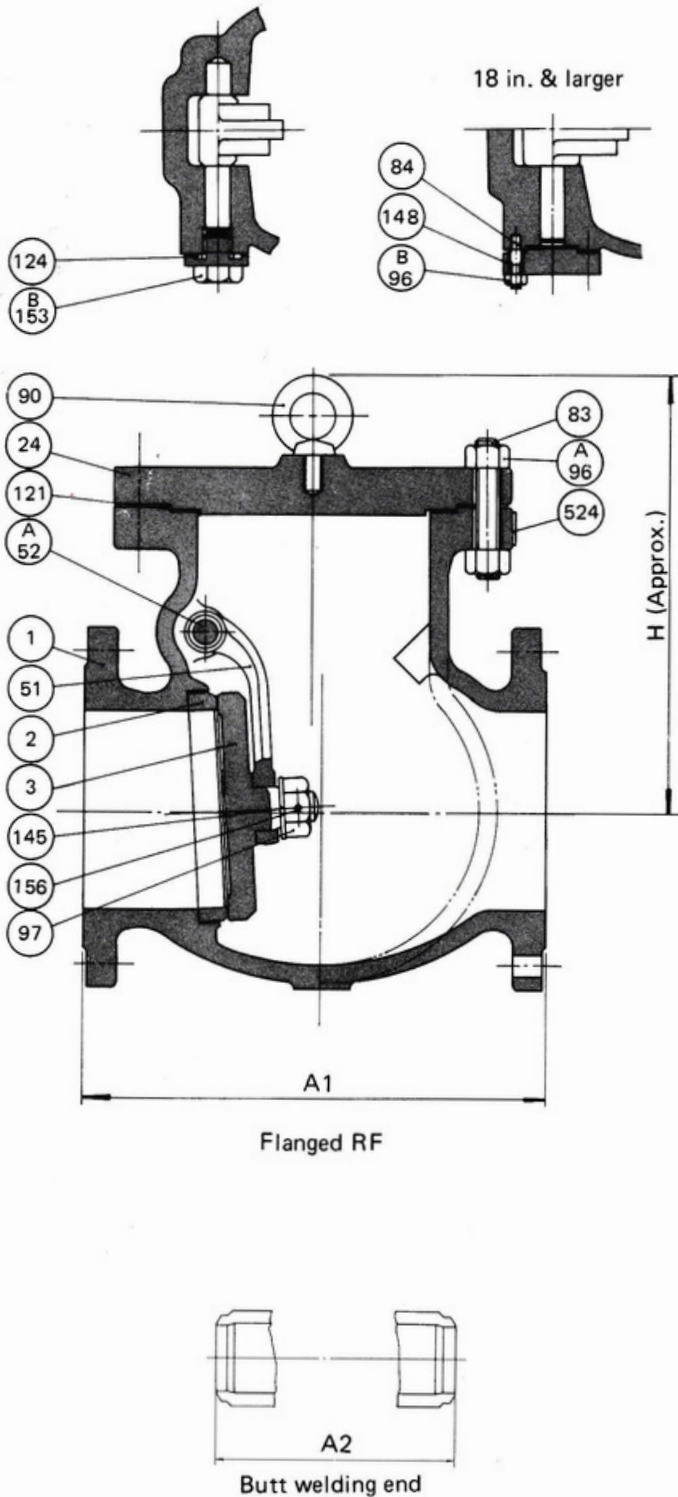


Figure No.

SC010RA	150 lb Swing Check RF
SC010WA	150 lb Swing Check Weld

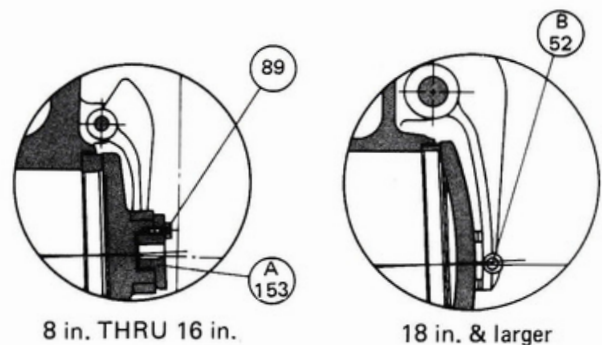
■ Features

- End to end dimensions and Wall thicknesses conform to ANSI and API specifications.
- Flange dimensions; 24 in. and smaller Valves conform to ANSI B16.5.
- 26 in. and larger Valves conform to API 605.
- Internal Hinge pin design is available.
- Lift check valve also available. Data supplied upon request.

Material Specifications Trim No. 8

No.	PART NAME	MATERIAL
524	Name Plate	18Cr-8Ni S. Steel
156	Knock Pin	18Cr-8Ni S. Steel
153B	Hinge Pin Plug	ASTM A105
153A	Disc Plug	ASTM A182 Gr.F6a
148	Hinge Pin Cover	ASTM A105
145	Disc Washer	18Cr-8Ni S. Steel
124	Hinge Pin Gasket	*6
121	Cover Gasket	*5
97	Disc Nut	18Cr-8Ni S. Steel
96B	Cover Bolt Nut	ASTM A194 Gr.2H
96A	Cover Bolt Nut	ASTM A194 Gr.2H
90	Eye Bolt	Carbon Steel *4
89	Set Bolt	18Cr-8Ni S. Steel
84	Cover Bolt	ASTM A193 Gr.B7
83	Cover Bolt	ASTM A193 Gr.B7
52B	Hinge Pin	ASTM A182 Gr.F6a
52A	Hinge Pin	ASTM A182 Gr.F6a
51	Swing Lever	ASTM A105 *3
24	Cover	ASTM A105 *2
3	Disc	ASTM A182 Gr.F6a *1
2	Body Seat Ring	ASTM A105 + STL
1	Body	ASTM A216 Gr.WCB

- Note *1 14 in. & larger ASTM A216 Gr.WCB + 13% Cr. deposit
 *2 12 in. & larger ASTM A216 Gr.WCB
 *3 8 in. & larger ASTM A216 Gr.WCB
 *4 6 in. & larger
 *5 Compressed asbestos or Corrugated metal
 *6 Spiral wound 304 s. steel asbestos filled



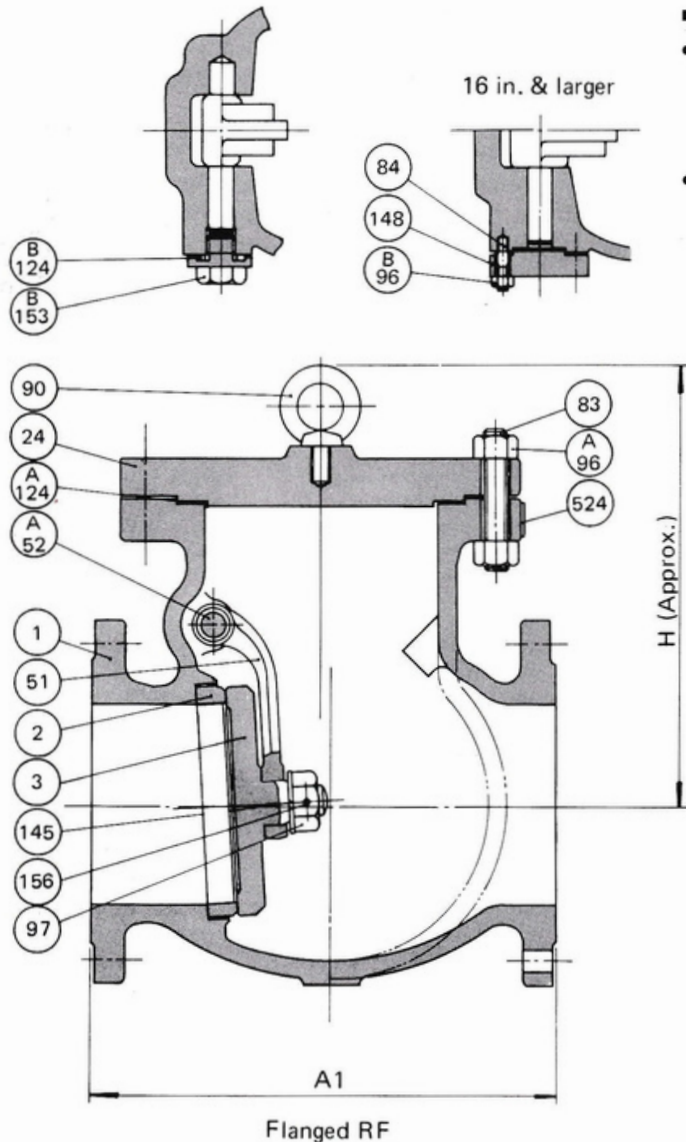
8 in. THRU 16 in.

18 in. & larger

Dimensions (in./mm)

Nom. Size	2	2-1/2	3	4	5	6	8	10	12	14	16	18	20	24	26	28	30	36
A1	8	8-1/2	9-1/2	11-1/2	13	14	19-1/2	24-1/2	27-1/2	31	34	38-1/2	38-1/2	51	51	57	60	77
A2	8	8-1/2	9-1/2	11-1/2	13	14	19-1/2	24-1/2	27-1/2	31	34	38-1/2	38-1/2	51	51	57	60	77
H	6-7/8	7	7-1/2	8-5/8	9-1/4	12-3/4	15-1/8	17-5/8	21-1/4	22	24-5/8	25-5/8	26-5/8	34-5/8	37-3/8	41	45-1/4	53-1/8
RF	44	53	77	121	185	211	353	540	761	1125	1455	1874	2315	3197	3859	4520	5182	7387
BW	20	24	35	55	84	96	160	245	345	510	660	850	1050	1450	2050	2350	3350	3350
Weight (Approx.)	14	17	26	37	52	80	133	213	294	440	568	750	920	1270	1650	1950	2250	3150

ANSI 300 CAST STEEL SWING CHECK VALVE BOLTED COVER



■ Features

- End to end dimensions and Wall thickness conform to ANSI and API specifications.
- Flange dimensions:
24 in. and smaller Valves conform to ANSI B16.5.
26 in. and larger Valves conform to API 605.

Figure No.

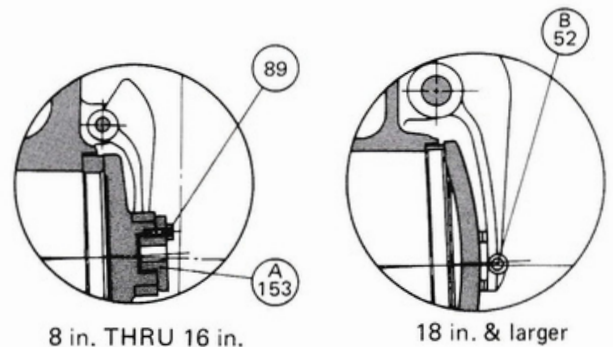
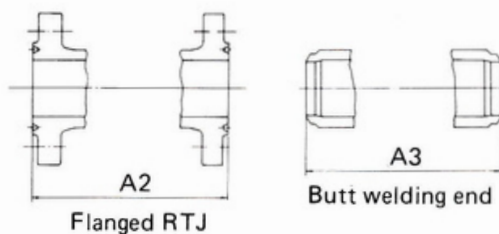
SC030RA	300 lb Swing Check RF
SC030JA	300 lb Swing Check RTJ
SC030WA	300 lb Swing Check Weld

- Internal Hinge pin design is available.
- Lift check valve also available. Data supplied upon request.

Material Specifications Trim No. 8

NO	PART NAME	MATERIAL
524	Name Plate	18Cr-8Ni S. Steel
156	Knock Pin	18Cr-8Ni S. Steel
153B	Hinge Pin Plug	ASTM A105
153A	Disc Plug	ASTM A182 Gr. F6a
148	Hinge Pin Cover	ASTM A105
145	Disc Washer	18Cr-8Ni S. Steel
124B	Hinge Pin Gasket	*5
124A	Cover Gasket	*5
97	Disc Nut	18Cr-8Ni S. Steel
96B	Cover Bolt Nut	ASTM A194 Gr. 2H
96A	Cover Bolt Nut	ASTM A194 Gr. 2H
90	Eye Bolt	Carbon Steel *4
89	Set Bolt	18Cr-8Ni S. Steel
84	Cover Bolt	ASTM A193 Gr. B7
83	Cover Bolt	ASTM A193 Gr. B7
52B	Hinge Pin	ASTM A182 Gr. F6a
52A	Hinge Pin	ASTM A182 Gr. F6a
51	Swing Lever	ASTM A105 *3
24	Cover	ASTM A105 *2
3	Disc	ASTM A182 Gr. F6a*1
2	Body Seat Ring	ASTM A105 + STL
1	Body	ASTM A216 Gr. WCB

- Note *1 14 in. & larger ASTM A216 Gr. WCB + 13% Cr. deposit
 *2 12 in. & larger ASTM A216 Gr. WCB
 *3 8 in. & larger ASTM A216 Gr. WCB
 *4 4 in. & larger
 *5 Spiral wound 304 s. steel asbestos filled



Dimensions (in./mm)

Nom. Size	2	2-1/2	3	4	5	6	8	10	12	14	16	18	20	24	26	28	30	36
A1	10-1/2	11-1/2	12-1/2	14	15-3/4	17-1/2	21	24-1/2	28	33	34	38-1/2	40	53	53	59	62-3/4	82
A2	267	292	318	356	400	444	533	622	711	838	864	978	1016	1346	1346	1499	1594	2083
A3	11-1/8	12-1/8	13-1/8	14-5/8	16-3/8	18-1/8	21-5/8	25-1/8	28-5/8	33-5/8	34-5/8	39-1/8	40-3/4	53-7/8	54	60	63-3/4	83
H	283	308	333	371	416	460	549	638	727	854	880	994	1035	1368	1372	1524	1619	2108
H	10-1/2	11-1/2	12-1/2	14	15-3/4	17-1/2	21	24-1/2	28	33	34	38-1/2	40	53	53	59	62-3/4	82
H	267	292	318	356	400	444	533	622	711	838	864	978	1016	1346	1346	1499	1594	2083
RF	7-3/4	8	8-3/4	10-7/8	11-5/8	13-1/4	16-1/4	18-1/4	22-1/8	23-1/2	25-3/8	29-7/8	33-5/8	37	41-3/8	45-1/4	50	60-5/8
RF	197	203	222	276	295	337	413	464	562	597	645	759	854	940	1051	1149	1270	1540
BW	77	82	132	181	243	342	591	838	1091	1566	2095	2646	2977	4851	5513	6174	7497	11025
BW	35	37	60	82	110	155	268	380	495	710	950	1200	1350	2200	2500	2800	3400	5000
BW	71	77	110	143	154	282	507	595	1014	1224	1764	2139	2359	3925	4675	5292	6505	9482
BW	32	35	50	65	70	128	230	270	460	555	800	970	1070	1780	2120	2400	2950	4300

ANSI 600 CAST STEEL SWING CHECK VALVE

BOLTED COVER

■ Features

- End to end dimensions and Wall thicknesses conform to ANSI and API specifications.
- Flange dimensions;
24 in. and smaller Valves conform to ANSI B16.5.
26 in. and larger Valves conform to API 605.

Figure No.

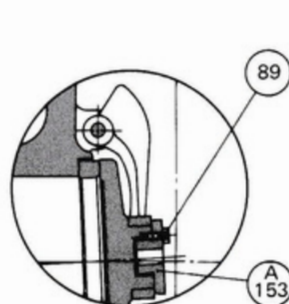
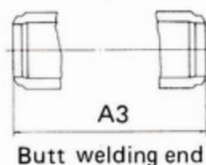
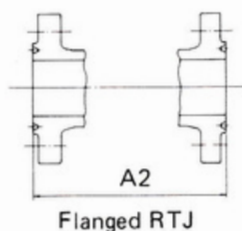
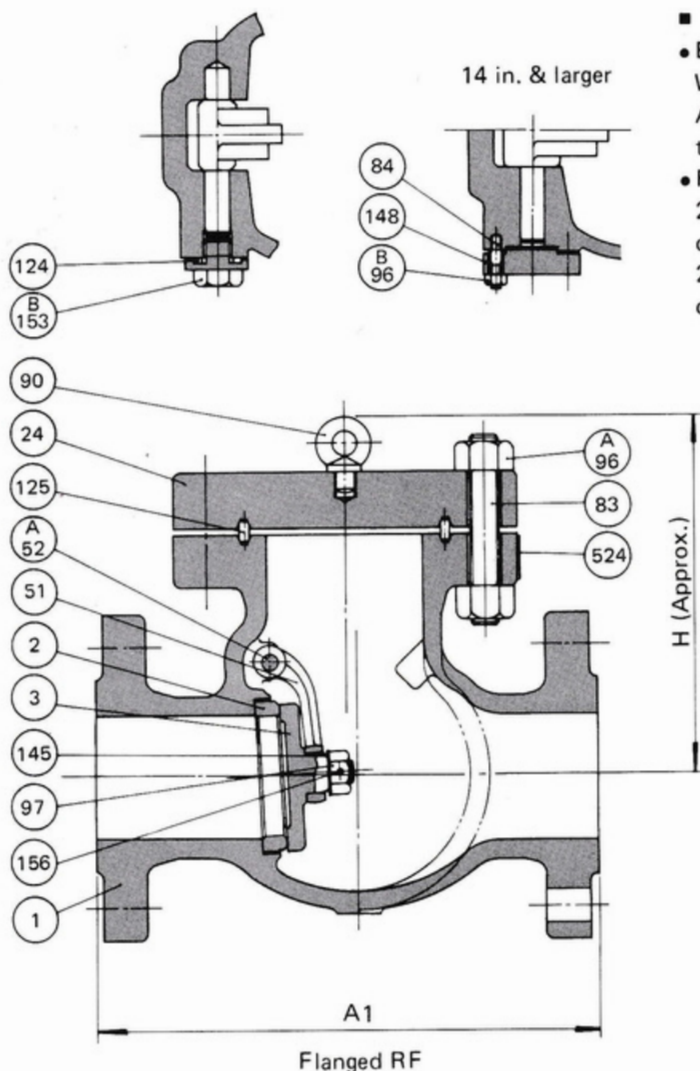
SC060 RA	600 lb Swing Check RF
SC060 J A	600 lb Swing Check RTJ
SC060WA	600 lb Swing Check Weld

- Internal Hinge pin design is available.
- Lift check valve also available. Data supplied upon request.

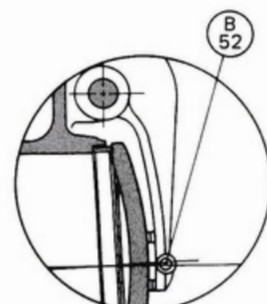
Material Specifications Trim No. 8

524	Name Plate	18Cr-8Ni S. Steel
156	Knock Pin	18Cr-8Ni S. Steel
153B	Hinge Pin Plug	ASTM A105
153A	Disc Plug	ASTM A182 Gr. F6a
148	Hinge Pin Cover	ASTM A105
145	Disc Washer	18 Cr-8Ni S. Steel
125	Cover Gasket	*6
124	Hinge Pin Gasket	*5
97	Disc Nut	18Cr-8Ni S. Steel
96B	Cover Bolt Nut	ASTM A194 Gr. 2H
96A	Cover Bolt Nut	ASTM A194 Gr. 2H
90	Eye Bolt	Carbon Steel*4
89	Set Bolt	18Cr-8Ni S. Steel
84	Cover Bolt	ASTM A193 Gr. B7
83	Cover Bolt	ASTM A193 Gr. B7
52B	Hinge Pin	ASTM A182 Gr. F6a
52A	Hinge Pin	ASTM A182 Gr. F6a
51	Swing Lever	ASTM A105 *3
24	Cover	ASTM A105 *2
3	Disc	ASTM A182 Gr. F6a*1
2	Body Seat Ring	ASTM A105 + STL
1	Body	ASTM A216 Gr. WCB
NO.	PART NAME	MATERIAL

Note *1 14 in. & larger ASTM A216 Gr.WCB + 13% Cr. deposit
 *2 12 in. & larger ASTM A216 Gr. WCB
 *3 8 in. & larger ASTM A216 Gr. WCB
 *4 3 in. & larger
 *5 Spiral wound 304 s. steel asbestos filled
 *6 Soft iron ring joint gasket



8 in. THRU 16 in.



18 in. & larger

Dimensions (in./mm)

Nom. Size	in.	2	2-1/2	3	4	5	6	8	10	12	14	16	18	20	24	26	28	30
A1	in.	50	65	80	100	125	150	200	250	300	350	400	450	500	600	650	700	750
A2	in.	11-1/2	13	14	17	20	22	26	31	33	35	39	43	47	55	57	63	65
A3	in.	292	330	356	432	508	559	660	787	838	889	991	1092	1194	1397	1448	1600	1651
H	in.	11-1/2	13	14	17	20	22	26	31	33	35	39	43	47	55	57	63	65
RF	in.	8-1/4	8-5/8	10-1/2	11-3/4	13-1/4	15	18-3/4	21-5/8	22-5/8	26-3/8	30-1/8	35-1/4	38-3/8	43-3/4	48	53-1/8	56-1/4
BW	in.	210	219	267	299	337	381	476	549	575	670	765	895	975	1111	1219	1349	1429
Weight (Approx.)	lb	88	121	159	265	386	595	926	1367	1786	2426	3197	3969	4631	6615	7718	9041	11025
	Kg	40	55	72	120	175	270	420	620	810	1100	1450	1800	2100	3000	3500	4100	5000
	lb	68	99	132	187	276	496	805	1103	1577	1940	2514	3197	3638	5072	6615	7718	9482
	Kg	31	45	60	85	125	225	365	500	715	880	1140	1450	1650	2300	3000	3500	4300

VALVES WE OFFER



GATE



CHECK



BALL



Y-STRAINER



GLOBE

SPECIFICATIONS:

STANDARDS:

ASTM A105 , API, ASME, AND ANSI B16.5

- size: 1/4" - 48"
- Thickness: Class 150 -2,500
- All Items will have an accompanying Mill Test Certificate upon request

APPLICATIONS:

- Industrial
- Residential
- Petrochemical Plants
- Oil & Gas
- Refineries
- Sugar Mills
- Energy
- Construction & Infrastructure
- Chemicals
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