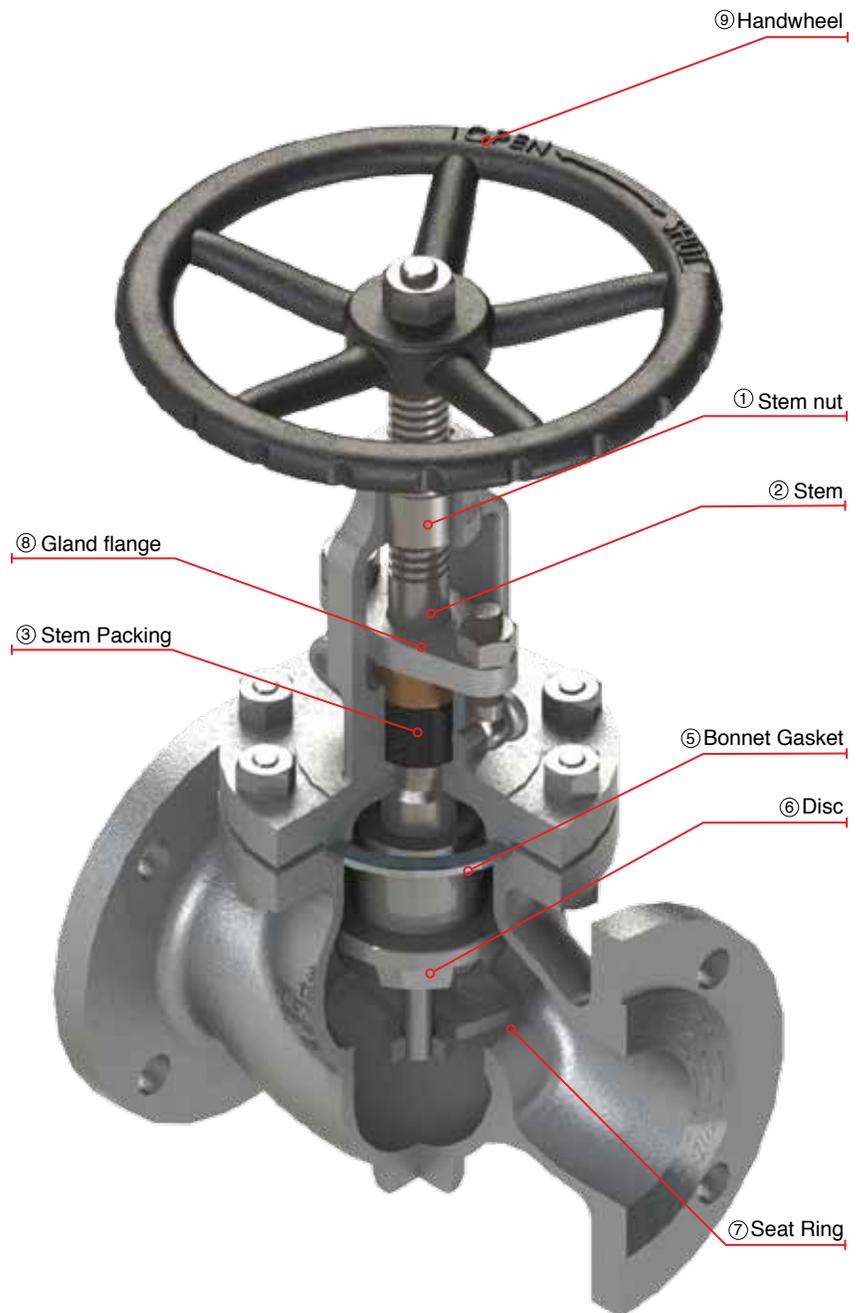


API-603 CAST STAINLESS STEEL & SPECIAL ALLOY GLOBE VALVES, CLASS 150 CAST STEEL GLOBE VALVES WITH RISING HANDWHEEL AND STEM

DESIGN FEATURES:

- Globe valves designed in accordance with API-603
- Gate & Globe Valves for cryogenic service with gas column in accordance with BS-6364 upon request
- Flange dimensions in accordance with ASME B16.5
- Handwheel, handwheel impact, chain wheel, gear operation, electric, pneumatic or hydraulic actuation as per customer requirements
- By-pass, lantern rings, grease injectors, special connections, etc.
- Low fugitive emissions control
- NACE service either MR-01-75 or MR-01-03
- Test in accordance with API-598
- Stop check design option available

- ① Stem Nut, replaceable in line to avoid shut down of pipe line process.
- ② Revolving rising stem with precision ACME single or double thread for quick operation. Surface finish suitable to seal properly to get low fugitive emissions.
- ③ Stem Packing is designed for optimum control of fugitive emissions leakage to the atmosphere. The ultra low emission leakage rate is assured by the fine finish in the stem, the reduced diametrical clearances, and the stem straightness control special designed packing. Live load packing arrangement available upon request.
- ④ Integral Backseat designed to relieve back pressure on the stem packing when fully seated. Replacing stem packing under pressure is not recommended. Hard faced backseat available for severe service as customer requirements.
- ⑤ Body to Bonnet Joint designed to apply a uniform load to the gasket to assure a leak proof seal.
- ⑥ Conical plug type disc, integrally guided to assure true alignment between disc and valve body. The disc design allows the disc and seat ring sealing surface to seat correctly without damage.
- ⑦ Integral Seat Ring.
- ⑧ Two-piece arrangement gland flange and stem packing bushing for self-alignment to avoid stem damage.
- ⑨ Globe valves supplied Handwheel operated as standard from 2" to 24".



API-603 CAST STAINLESS STEEL & SPECIAL ALLOY GLOBE VALVES, CLASS 150 (INTEGRAL YOKE)

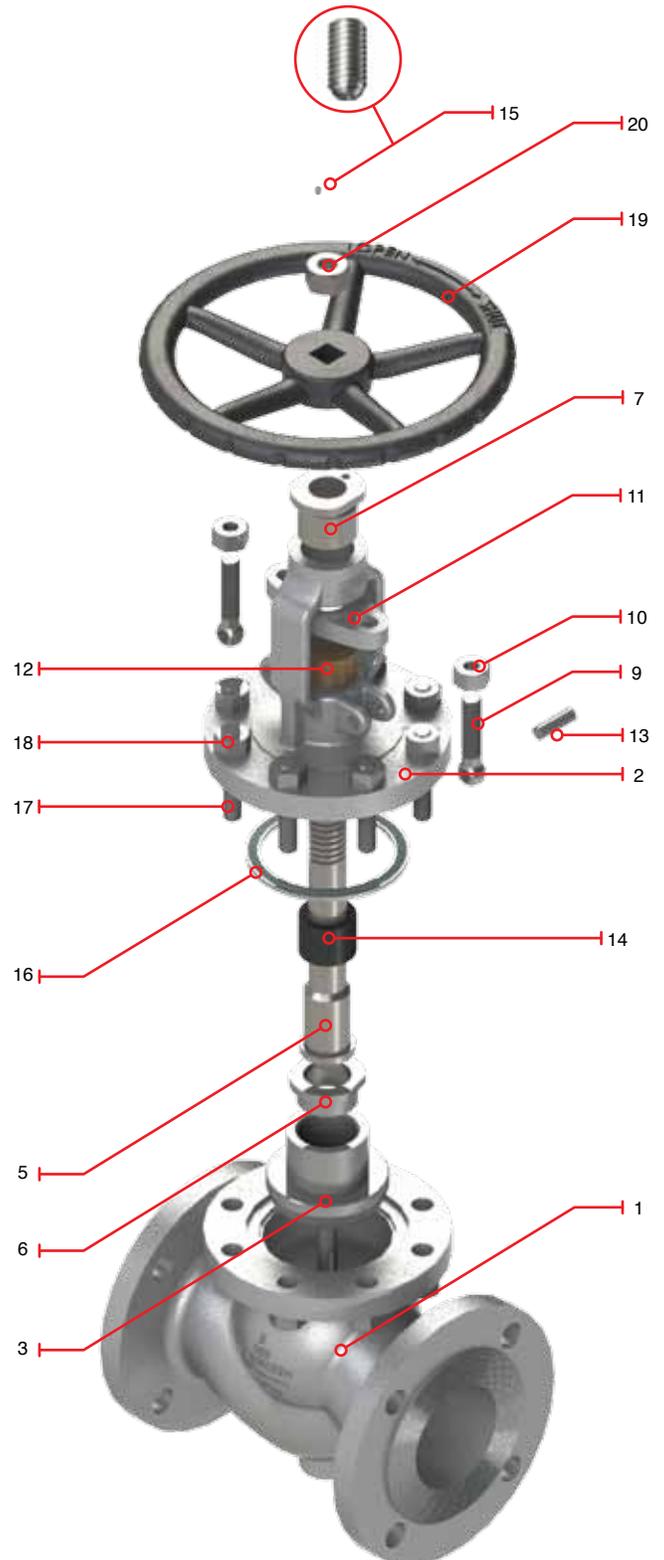
DESIGN FEATURES:

- Design in accordance with API-603
- Rising stem and handwheel
- Integral yoke
- Flange dimensions as per ASME B16.5
- End to end dimensions as per ASME B16.10
- WE dimensions as per ASME B 16.25
- Handwheel operated as standard

Catalog Figure No.	ID Plant Figure No.	Type of Ends
S5275RF	S5275F	Flanged Raised Face
S5275RTJ	S5275RJ	Ring Type Joint
S5275WE	S5275WE	Buttweld

Regular Bill of Materials

No.	Description	Standard Material CF8M Trim 3HF
1	Body	ASTM A 351 GR CF8M
2	Bonnet	ASTM A 351 GR CF8M
3	Disc	ASTM A 351 Gr CF8M + ST 6
*4	Seat Ring	Integral Seat Ring
5	Stem	ASTM A 476 Type 316
6	Stem Retainer	ASTM A 182 Type F316
7	Stem Nut	UNS C95600
*8	Stem Seat	ASTM A 476 Gr 316 + ST 6
9	Eyebolt	ASTM A 193 GR B8
10	Eyebolt Nut	ASTM A 194 GR 8
11	Gland Flange	ASTM A 351 GR CF8M
12	Packing Bushing	ASTM A 476 Type 316
13	Eyebolt Pin	Alloy Steel
14	Stem Packing	Flexible graphite intermediate rings / Anti-extrusion rings on the top and bottom sides of the packing chamber
15	Oppressor	Commercial
16	Bonnet Gasket	Spirotallic Graphite / Stainless 316
17	Bonnet Stud	ASTM A 193 GR B8
18	Bonnet Stud Nut	ASTM A 194 GR 8
19	Handwheel	As per WALWORTH design
20	Handwheel Nut	ASTM A 108 GR 1020
*21	Handwheel Washer	ASTM A 108 GR 1020
*22	Identification Plate	Stainless Steel



*Not Shown

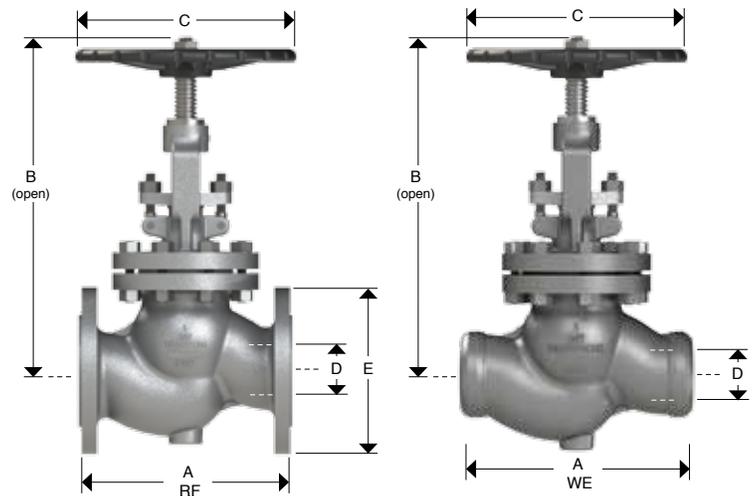
API-603 CAST STAINLESS STEEL & SPECIAL ALLOY GLOBE VALVES, CLASS 150 (INTEGRAL YOKE)



DESIGN FEATURES:

- Design in accordance with ASME B 16.34
- Integral yoke
- Rising stem and handwheel
- Flange dimensions as per ASME B16.5
- End to end dimensions as per ASME B16.10
- WE dimensions as per ASME B 16.25
- Handwheel operated as standard

Catalog Figure No.	ID Plant Figure No.	Type of Ends
S5275RF	S5275F	Flanged Raised Face
S5275RTJ	S5275RJ	Ring Type Joint
S5275WE	S5275WE	Buttweld



Dimensions and Weights

D Nominal Diameter	mm	51	64	76	102	152	203	254	305
	in	2	2.5	3	4	6	8	10	12
A (RF and WE)	mm	203	216	241	292	406	495	622	699
	in	8	8.5	9.5	11.5	16	19.5	24.5	27.5
B (Open)	mm	275	320	374	424	497	624	648	810
	in	10.8	12.6	14.7	16.7	19.6	24.6	25.5	31.9
C	mm	200	250	250	300	350	450	500	550
	in	7.9	9.8	9.8	11.8	13.8	17.7	19.7	21.7
E	mm	152	178	191	229	279	343	406	483
	in	6	7	7.5	9	11	13.5	16	19
Weight S5275RF	Kg	14	19	24	36	68	98	200	299
	lb	30.9	41.9	52.9	79.4	149.9	216.1	441.0	659.3
Weight S5275WE	Kg	11	15	15	26	52	67	166	241
	lb	24.3	33.1	33.1	57.3	114.7	147.7	366.0	531.4

For sizes and dimensions not shown, please contact our Sales Department.

API-603 CAST STAINLESS STEEL & SPECIAL ALLOY

GLOBE VALVES, CLASS 150 (INDEPENDENT YOKE)

DESIGN FEATURES:

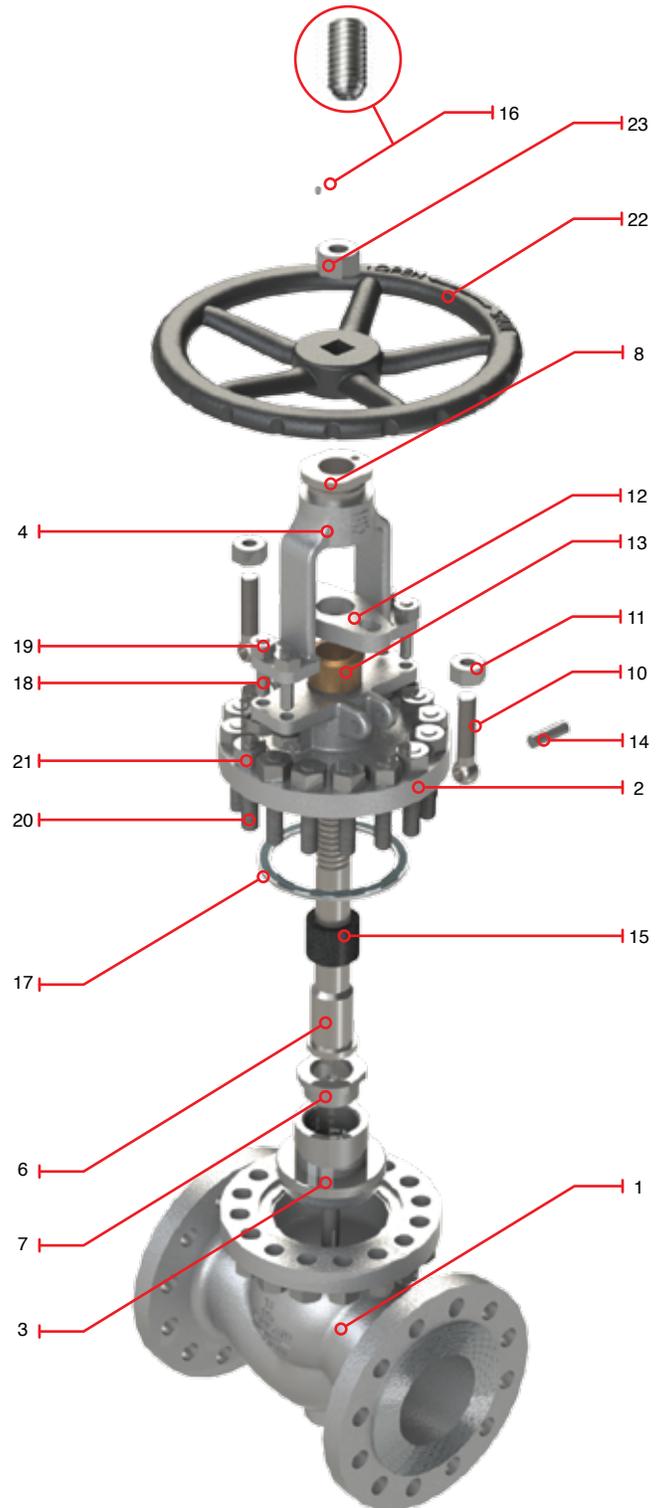
- Design in accordance with API-603
- Rising stem and handwheel
- Independent yoke
- Flange dimensions as per ASME B16.5
- End to end dimensions as per ASME B16.10
- WE dimensions as per ASME B 16.25
- Handwheel operated as standard

Catalog Figure No.	ID Plant Figure No.	Type of Ends
S5275RF	S5275F	Flanged Raised Face
S5275RTJ	S5275RJ	Ring Type Joint
S5275WE	S5275WE	Buttweld

Regular Bill of Materials

No.	Description	Standard Material CF8M Trim 3HF
1	Body	ASTM A 351 GR CF8M
2	Bonnet	ASTM A 351 GR CF8M
3	Disc	ASTM A 351 Gr CF8M + ST 6
4	Yoke	ASTM A 351 GR CF8M
*5	Seat Ring	Integral Seat Ring
6	Stem	ASTM A 476 Type 316
7	Stem Retainer	ASTM A 182 Type F316
8	Stem Nut	UNS C95600
*9	Stem Seat	ASTM A 476 Gr 316 + ST 6
10	Eyebolt	ASTM A 193 GR B8
11	Eyebolt Nut	ASTM A 194 GR 8
12	Gland Flange	ASTM A 351 GR CF8M
13	Packing Bushing	ASTM A 476 Type 316
14	Eyebolt Pin	Alloy Steel
15	Stem Packing	Flexible graphite intermediate rings / Anti-extrusion rings on the top and bottom sides of the packing chamber
16	Opressor	Commercial
17	Bonnet Gasket	Spirotallic Graphite / Stainless 316
18	Yoke Bolt	ASTM A 193 GR B8
19	Yoke Bolt Nut	ASTM A 194 GR 8
20	Bonnet Stud	ASTM A 193 GR B8
21	Bonnet Stud Nut	ASTM A 194 GR 8
22	Handwheel	As per WALWORTH design
23	Handwheel Nut	ASTM A 108 GR 1020
*24	Handwheel Washer	ASTM A 108 GR 1020
*25	Identification Plate	Stainless Steel

*Not Shown



API-603 CAST STAINLESS STEEL & SPECIAL ALLOY

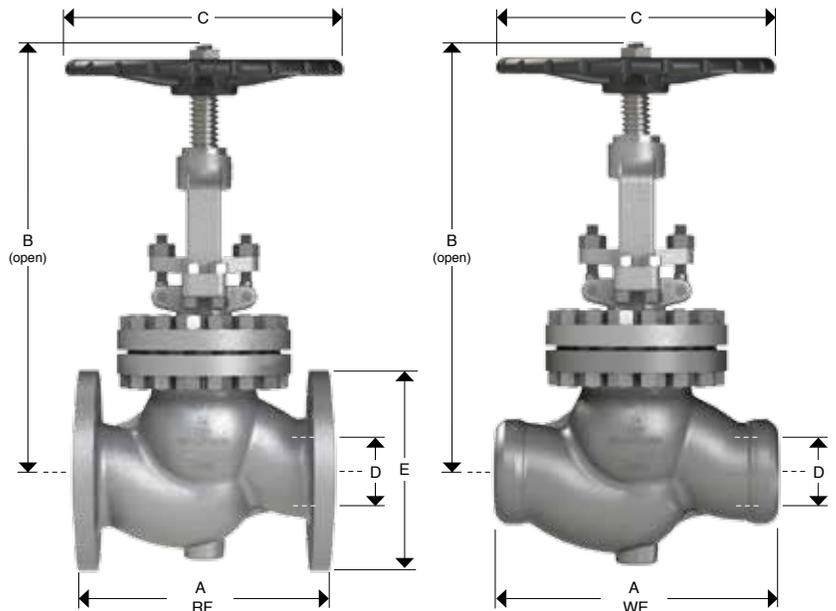
GLOBE VALVES, CLASS 150 (INDEPENDENT YOKE)



DESIGN FEATURES:

- Design in accordance with API-603
- Integral yoke
- Rising stem and handwheel
- Flange dimensions as per ASME B16.5
- End to end dimensions as per ASME B16.10
- WE dimensions as per ASME B 16.25
- Handwheel operated as standard

Catalog Figure No.	ID Plant Figure No.	Type of Ends
S5275RF	S5275F	Flanged Raised Face
S5275RTJ	S5275RJ	Ring Type Joint
S5275WE	S5275WE	Buttweld



Dimensions and Weights

D Nominal Diameter	mm	350	400	450	500	600
	in	14	16	18	20	24
A (RF and WE)	mm	787	914	978	978	1295
	in	31	36	38.5	38.5	51
B (Open)	mm	970	986	1210	1307	1500
	in	38.2	38.8	47.6	51.5	59.1
C	mm	550	600	600	650	720
	in	21.7	23.6	23.6	25.6	28.3
E	mm	533	597	635	699	813
	in	21	23.5	25	27.5	32
Weight S5275RF	Kg	397.5	508.5	748.5	822.75	1209.75
	lb	876.5	1121.2	1650.4	1814.2	2667.5
Weight S5275WE	Kg	339.5	433.5	638.5	701.75	1032.75
	lb	748.6	955.9	1407.9	1547.4	2277.2

For sizes and dimensions not shown, please contact our Sales Department.

API-603 CAST STAINLESS STEEL & SPECIAL ALLOY

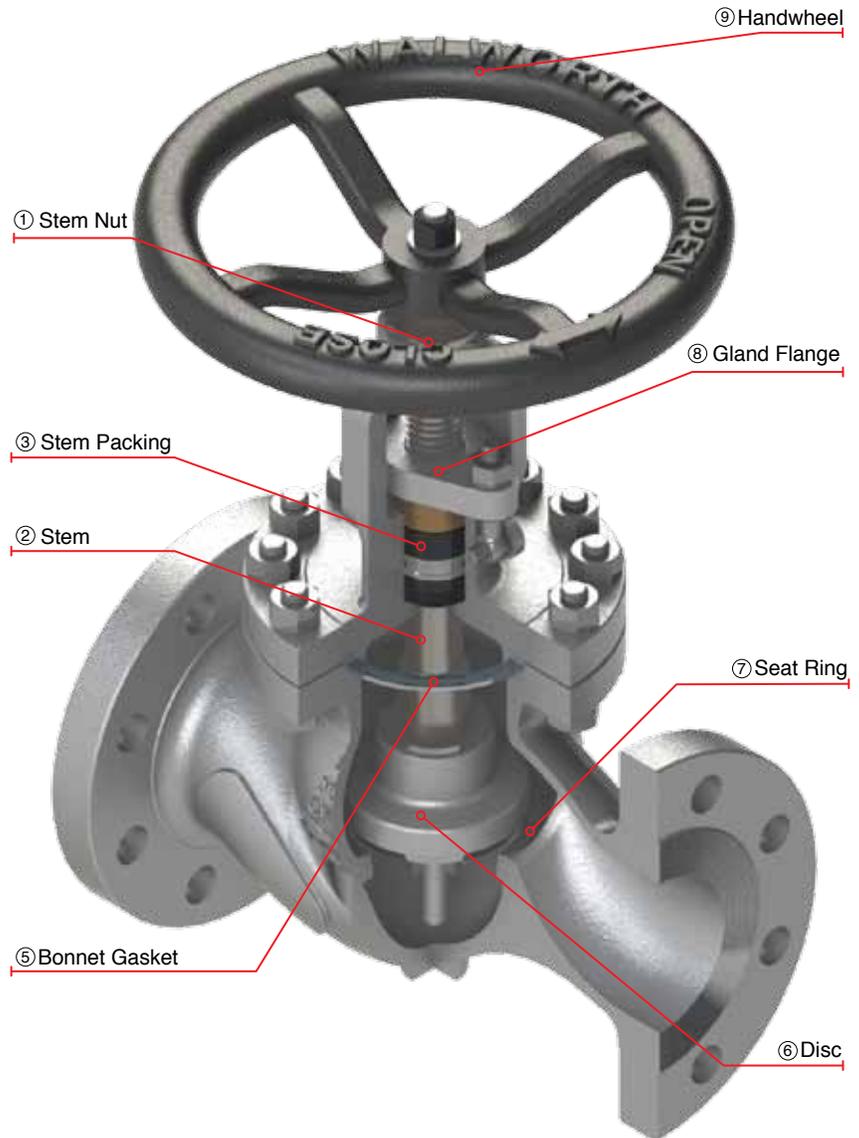
GLOBE VALVES CLASS 300

CAST STEEL GLOBE VALVES WITH RISING HANDWHEEL AND STEM

DESIGN FEATURES:

- Globe valves design in accordance with API-603
- Gate & globe valves for cryogenic service with gas column in accordance with BS-6364 upon request
- Flange dimensions in accordance with ASME B16.5
- Handwheel, handwheel impact, chain wheel, gear operation, electric, pneumatic or hydraulic actuation as per customer requirements
- By-pass, lantern rings, grease injectors, special connections, etc.
- Low fugitive emissions control
- NACE service either MR-01-75 or MR-01-03
- Test in accordance with API-598
- Stop check design option available

- ① Stem Nut, replaceable in line to avoid shut down of pipe line process.
- ② Revolving rising stem with precision ACME single or double thread for quick operation. Surface finish suitable to seal properly to get low fugitive emissions.
- ③ Stem Packing is designed for optimum control of fugitive emissions leakage to the atmosphere. The ultra low emission leakage rate is assured by the fine finish in the stem, the reduced diametrical clearances, and the stem straightness control special designed packing. Live load packing arrangement available upon request.
- ④ Integral Backseat designed to relieve back pressure on the stem packing when fully seated. Replacing stem packing under pressure is not recommended. Hard faced backseat available for severe service as customer requirements.
- ⑤ Body to Bonnet Joint designed to apply a uniform load to the gasket to assure a leak proof seal.
- ⑥ Conical plug type disc, integrally guided to assure true alignment between disc and valve body. The disc design allows the disc and seat ring sealing surface to seat correctly without damage.
- ⑦ Integral Seat Ring.
- ⑧ Two-piece arrangement gland flange and stem packing bushing for self-alignment to avoid stem damage.
- ⑨ Globe Valves supplied handwheel operated as standard from 2" to 24".



API-603 CAST STAINLESS STEEL & SPECIAL ALLOY GLOBE VALVES, CLASS 300 (INTEGRAL YOKE)

DESIGN FEATURES:

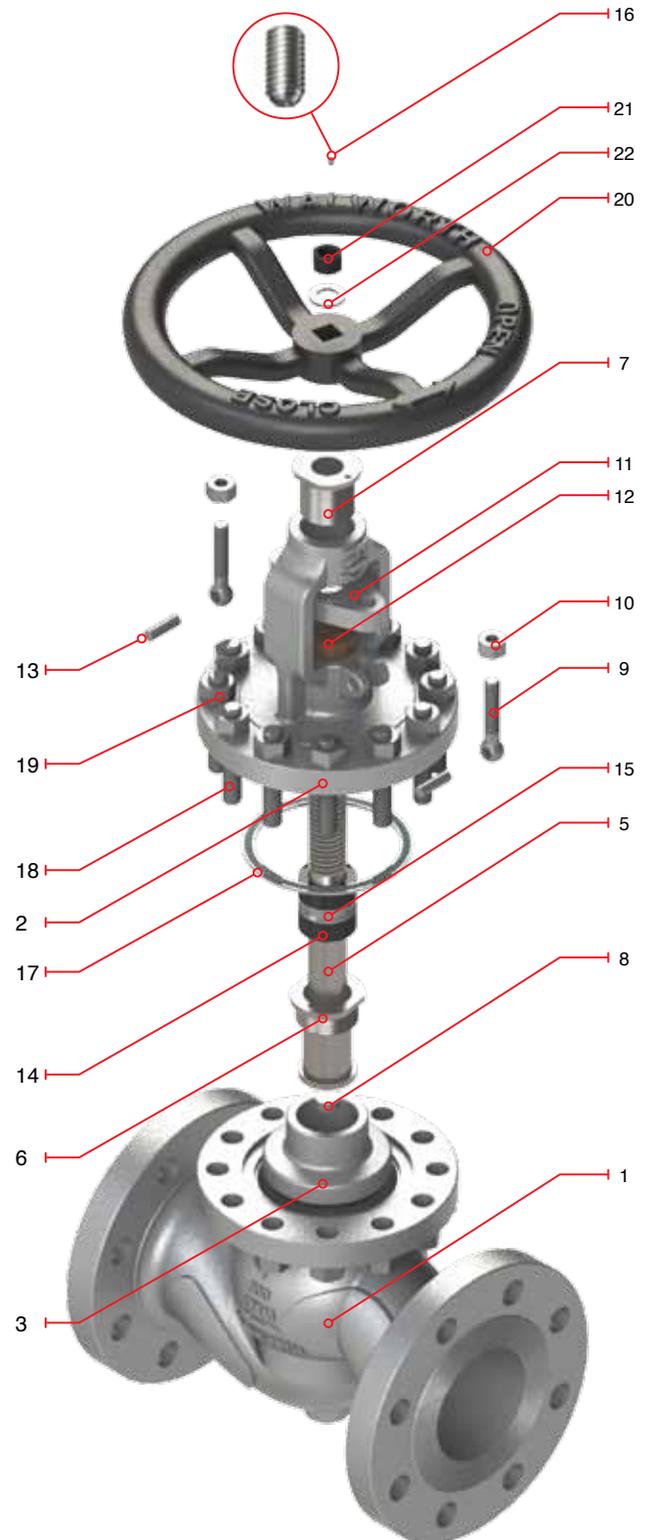
- Design in accordance with API-603
- Rising stem and handwheel
- Integral yoke
- Flange dimensions as per ASME B16.5
- End to end dimensions as per ASME B16.10
- WE dimensions as per ASME B 16.25
- Handwheel operated as standard

Catalog Figure No.	ID Plant Figure No.	Type of Ends
S5281RF	S5281F	Flanged Raised Face
S5281RTJ	S5281RJ	Ring Type Joint
5281WE	S5281WE	Buttweld

Regular Bill of Materials

No.	Description	Standard Material CF8M Trim 3HF
1	Body	ASTM A 351 GR CF8M
2	Bonnet	ASTM A 351 GR CF8M
3	Disc	ASTM A 351 Gr CF8M + ST 6
*4	Seat Ring	Integral Seat Ring
5	Stem	ASTM A 476 Type 316
6	Stem Retainer	ASTM A 182 Type F316
7	Stem Nut	UNS C95600
8	Stem Seat	ASTM A 476 Gr 316 + ST 6
9	Eyebolt	ASTM A 193 GR B8
10	Eyebolt Nut	ASTM A 194 GR 8
11	Gland Flange	ASTM A 351 GR CF8M
12	Packing Bushing	ASTM A 476 Type 316
13	Eyebolt Pin	Alloy Steel
14	Stem Packing	Flexible graphite intermediate rings / Anti-extrusion rings on the top and bottom sides of the packing chamber
15	Lantern Ring	ASTM A 182 Type F316
16	Opressor	Commercial
17	Bonnet Gasket	Spirotallic Graphite / Stainless 316
18	Bonnet Stud	ASTM A 193 GR B8
19	Bonnet Stud Nut	ASTM A 194 GR 8
20	Handwheel	As per WALWORTH design
21	Handwheel Nut	ASTM A 108 GR 1020
22	Handwheel Washer	ASTM A 108 GR 1020
*23	Identification Plate	Stainless Steel

*Not Shown



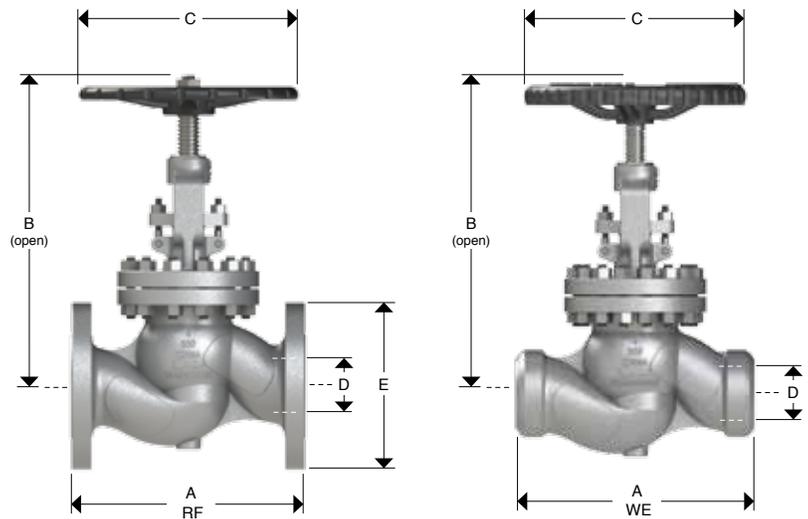
API-603 CAST STAINLESS STEEL & SPECIAL ALLOY GLOBE VALVES, CLASS 300 (INTEGRAL YOKE)

DESIGN FEATURES:

- Design in accordance with ASME B 16.34
- Rising stem and handwheel
- Flange dimensions as per ASME B16.5
- End to end dimensions as per ASME B16.10
- WE dimensions as per ASME B 16.25
- Size 2" to 12" handwheel operated as standard



Catalog Figure No.	ID Plant Figure No.	Type of Ends
S5281RF	S5281F	Flanged Raised Face
S5281RTJ	S5281RJ	Ring Type Joint
S5281WE	S5281WE	Buttweld



Dimensions and Weights

D Nominal Diameter	mm	50	65	80	100	150	200	250	300
	in	2	2.5	3	4	6	8	10	12
A (RF and WE)	mm	267	292	318	356	444	559	622	711
	in	10.5	11.5	12.5	14	17.5	22	24.5	28
B (Open)	mm	300	340	400	463	586	804	928	1125
	in	11.8	13.4	15.7	18.2	23.1	31.7	36.5	44.3
C	mm	200	250	250	300	400	400	450	500
	in	7.9	9.8	9.8	11.8	15.7	15.7	17.7	19.7
E	mm	165	191	210	254	318	381	445	521
	in	6.5	7.5	8 ¼	10	12.5	15	17.5	20.5
Weight S5281RF/RTJ	Kg	12	28	38	54	113	220.5	345.8	506.3
	lb	26.5	61.7	83.8	119.1	249.2	486.2	762.4	1116.3
Weight S5281WE	Kg	6	20	28	38	85	180.5	265.8	407.3
	lb	13.2	44.1	61.7	83.8	187.4	398.0	586.0	898.0

For sizes and dimensions not shown, please contact our Sales Department.

API-603 CAST STAINLESS STEEL & SPECIAL ALLOY GLOBE VALVES, CLASS 300 (INDEPENDENT YOKE)

DESIGN FEATURES:

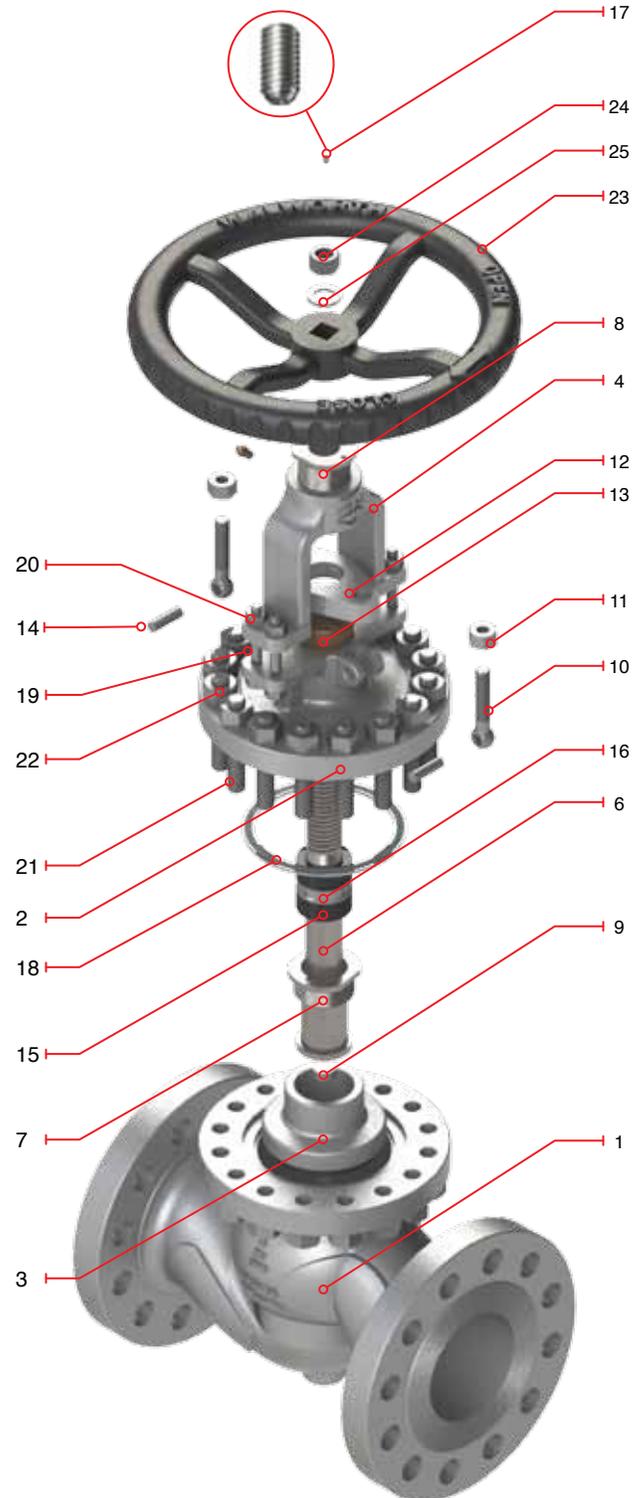
- Design in accordance with API-603
- Independent yoke
- Flange dimensions as per ASME B16.5
- End to end dimensions as per ASME B16.10
- WE dimensions as per ASME B 16.25
- Handwheel operated as standard

Catalog Figure No.	ID Plant Figure No.	Type of Ends
S5281RF	S5281F	Flanged Raised Face
S5281RTJ	S5281RJ	Ring Type Joint
5281WE	5281WE	Buttweld

Regular Bill of Materials

No.	Description	Standard Material CF8M Trim 3HF
1	Body	ASTM A 351 GR CF8M
2	Bonnet	ASTM A 351 GR CF8M
3	Disc	ASTM A 351 Gr CF8M + ST 6
4	Yoke	ASTM A 351 GR CF8M
*5	Seat Ring	Integral Seat Ring
6	Stem	ASTM A 476 Type 316
7	Stem Retainer	ASTM A 182 Type F316
8	Stem Nut	UNS C95600
9	Stem Seat	ASTM A 476 Gr 316 + ST 6
10	Eyebolt	ASTM A 193 GR B8
11	Eyebolt Nut	ASTM A 194 GR 8
12	Gland Flange	ASTM A 351 GR CF8M
13	Packing Bushing	ASTM A 476 Type 316
14	Eyebolt Pin	Alloy Steel
15	Stem Packing	Flexible graphite intermediate rings / Anti-extrusion rings on the top and bottom sides of the packing chamber
16	Lantern Ring	ASTM A 182 Type F316
17	Opressor	Commercial
18	Bonnet Gasket	Spirotallic Graphite / Stainless 316
19	Yoke Bolt	ASTM A 193 GR B8
20	Yoke Bolt Nut	ASTM A 194 GR 8
21	Bonnet Stud	ASTM A 193 GR B8
22	Bonnet Stud Nut	ASTM A 194 GR 8
23	Handwheel	As per WALWORTH design
24	Handwheel Nut	ASTM A 108 GR 1020
25	Handwheel Washer	ASTM A 108 GR 1020
*26	Identification Plate	Stainless Steel

*Not Shown



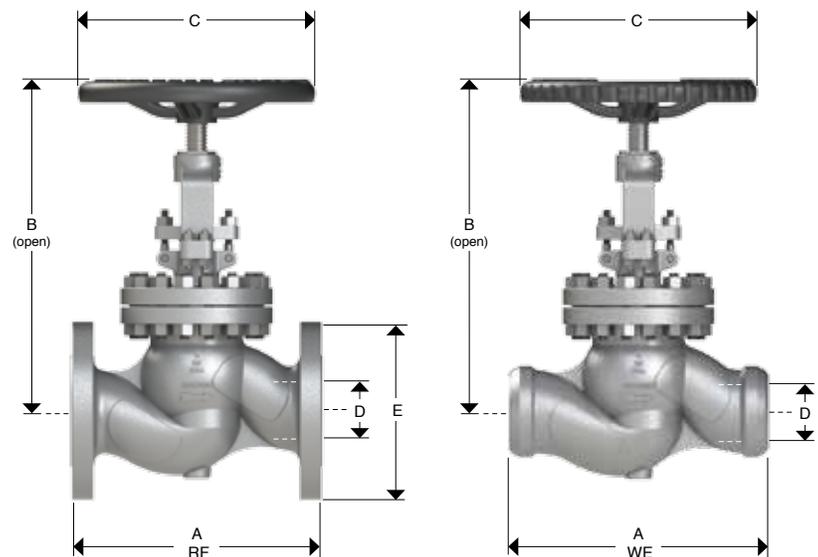
API-603 CAST STAINLESS STEEL & SPECIAL ALLOY GLOBE VALVES, CLASS 300 (INDEPENDENT YOKE)

DESIGN FEATURES:

- Design in accordance with API-603
- Rising stem
- Integral yoke
- Flange dimensions as per ASME B16.5
- End to end dimensions as per ASME B16.10
- WE dimensions as per ASME B 16.25
- Handwheel operated as standard



Catalog Figure No.	ID Plant Figure No.	Type of Ends
S5281RF	S5281F	Flanged Raised Face
S5281RTJ	S5281RJ	Ring Type Joint
S5281WE	S5281WE	Buttweld



Dimensions and Weights

D Nominal Diameter	mm	350	400	450	500	600
	in	14	16	18	20	24
A (RF and WE)	mm	838	864	977	1016	1346
	in	33	34	38.5	40	53
B (Open)	mm	1173	1180	1250	1392	1480
	in	46.2	46.5	49.2	54.8	58.3
C	mm	500	550	600	650	720
	in	19.7	21.7	23.6	25.6	28.3
E	mm	584	648	711	775	914
	in	23	25.5	28	30.5	36
Weight S5281RF	Kg	590.3	822.8	1430.3	1589.25	1753.5
	lb	1301.5	1814.2	3153.7	3504.3	3866.5
Weight S5281WE	Kg	472.25	657.8	1201.3	1335.25	1472.5
	lb	1041.3	1450.3	2648.8	2944.2	3246.9

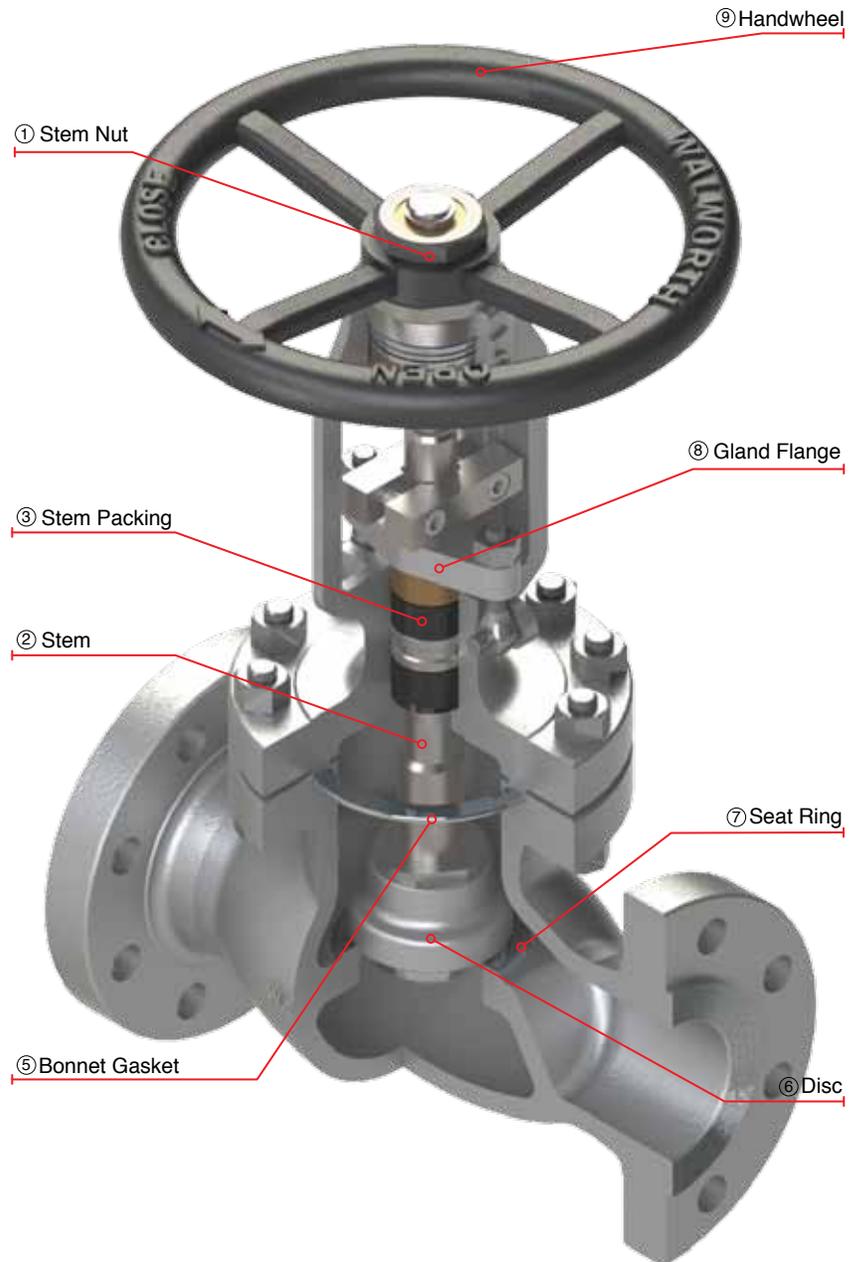
For sizes and dimensions not shown, please contact our Sales Department.

API-603 CAST STAINLESS STEEL & SPECIAL ALLOY GLOBE VALVES, CLASS 600 CAST STEEL GLOBE VALVES WITH RISING STEM AND OUTSIDE SCREW AND YOKE (OS&Y)

DESIGN FEATURES:

- Globe valves design in accordance with API-603
- Gate & globe valves for cryogenic service with gas column in accordance with BS-6364 upon request
- Flange dimensions in accordance with ASME B16.5 for valves up to 24" nominal diameter
- Handwheel, handwheel impact, chain wheel, gear operation, electric, pneumatic or hydraulic actuation as per customer requirements
- By-pass, lantern rings, grease injectors, special connections, etc.
- Low fugitive emissions control
- NACE service either MR-01-75 or MR-01-03
- Test in accordance with API-598
- Stop check design option available

- ① Stem nut, replaceable in line to avoid shut down of pipe line process.
- ② Revolving non rising stem with precision ACME single or double thread for quick operation. Surface finish suitable to seal properly to get low fugitive emissions.
- ③ Stem packing is designed for optimum control of fugitive emissions leakage to the atmosphere. The ultra low emission leakage rate is assured by the fine finish in the stem, the reduced diametrical clearances, and the stem straightness control special designed packing. Live load packing arrangement available upon request.
- ④ Integral backseat, designed to relieve back pressure on the stem packing when fully seated. Replacing stem packing under pressure is not recommended. Hard faced backseat available for severe service as customer requirements
- ⑤ Body to Bonnet Joint designed to apply a uniform load to the gasket or ring type joint to assure a leak proof seal.
- ⑥ Conical plug type disc, integrally guided to assure true alignment between disc and valve body. The disc design allows the disc and seat ring sealing surface to seat correctly without damage.
- ⑦ Integral seat ring
- ⑧ Two-piece arrangement gland flange and stem packing bushing for self-alignment to avoid stem damage.
- ⑨ Globe valves supplied handwheel operated as standard from 2" to 24".



API-603 CAST STAINLESS STEEL & SPECIAL ALLOY GLOBE VALVES, CLASS 600 (INTEGRAL YOKE)

DESIGN FEATURES:

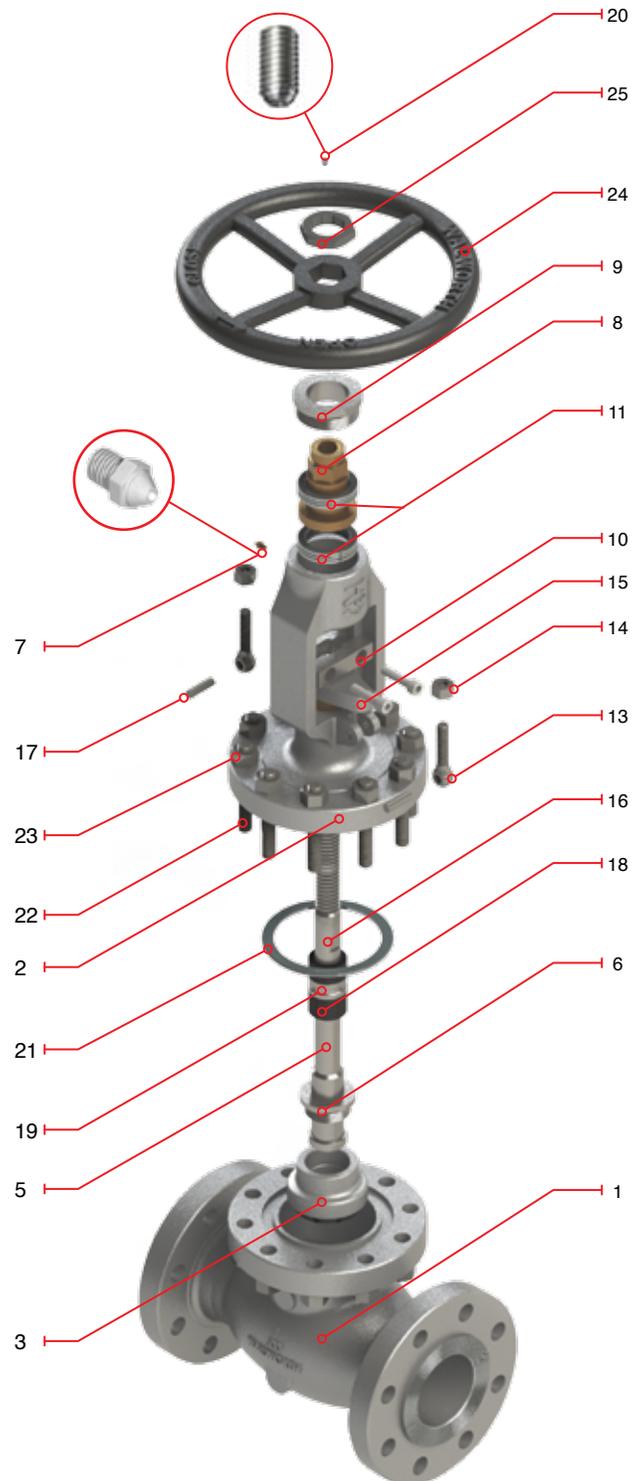
- Design in accordance with ASME B 16.34
- Rising stem and outside screw & yoke (OS&Y)
- Flange dimensions as per ASME B16.5
- End to end dimensions as per ASME B16.10
- WE dimensions as per ASME B 16.25
- Bonnet with bearings: 4" and larger
- Handwheel operated as standard

Catalog Figure No.	ID Plant Figure No.	Type of Ends
S5295RF	S5295F	Flanged Raised Face
S5295RTJ	S5295RJ	Ring Type Joint
S5295WE	S5295WE	Buttweld

Regular Bill of Materials

No.	Description	STANDARD MATERIAL
1	Body	ASTM A 351 GR CF8M
2	Bonnet	ASTM A 351 GR CF8M
3	Disc	ASTM A 351 GR CF8M + ST 6
*4	Seat Ring	Integral Seat Ring
5	Stem	ASTM A 476 Type 316
6	Stem Retainer	ASTM A 182 Type F316
7	Grease Fitting	Commercial
8	Stem Nut	UNS C95600
9	Stem Nut Retainer	ASTM A 182 GR F304
10	Position Indicator	ASTM A 182 GR F304
11	Bearings	Commercial
*12	Stem Seat	ASTM A 476 Gr 316 + ST 6
13	Eyebolt	ASTM A 193 GR B8
14	Eyebolt Nut	ASTM A 194 GR 8
15	Gland Flange	ASTM A 351 GR CF8M
16	Packing Bushing	ASTM A 476 Type 316
17	Eyebolt Pin	Alloy Steel
18	Stem Packing	Flexible graphite intermediate rings / Anti-extrusion rings on the top and bottom sides of the packing chamber
19	Lantern Ring	ASTM A 182 Type F316
20	Oppressor	Commercial
21	Bonnet Gasket / Ring Type Joint	Spiralitic Graphite + Stainless 316 / Stainless Steel 316
22	Bonnet Stud	ASTM A 193 GR B8
23	Bonnet Stud Nut	ASTM A 194 GR 8
24	Handwheel	As per WALWORTH design
25	Handwheel Nut	ASTM A 108 GR 1020
*26	Identification Plate	Stainless Steel

*Not shown



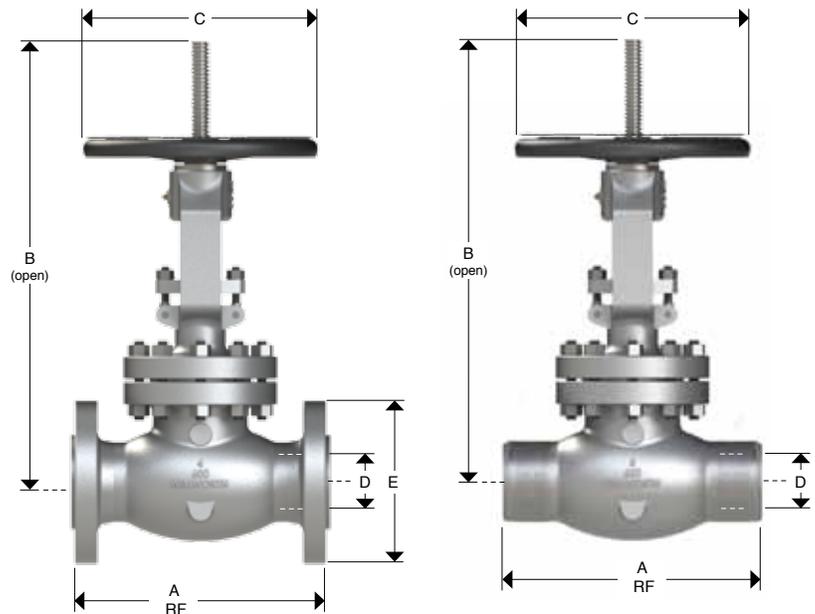
API-603 CAST STAINLESS STEEL & SPECIAL ALLOY GLOBE VALVES, CLASS 600 (INTEGRAL YOKE)

DESIGN FEATURES:

- Design in accordance with ASME B 16.34
- Rising stem and outside screw & yoke (OS&Y)
- Integral yoke
- Flange dimensions as per ASME B16.5
- End to end dimensions as per ASME B16.10
- WE dimensions as per ASME B 16.25
- Bonnet with bearings: 4" and larger
- Handwheel operated as standard



Catalog Figure No.	ID Plant Figure No.	Type of Ends
S5295RF	S5295F	Flanged Raised Face
S5295RTJ	S5295RJ	Ring Type Joint
S5295WE	S5295WE	Buttweld



Dimensions and Weights

D Nominal Diameter	mm	50	65	80	100	150	200
	in	2	2.5	3	4	6	8
A (RF and WE)	mm	292	330	356	332	559	660
	in	11.5	13	14	17	22	26
B (Open)	mm	416	462	509	619	738	854
	in	16.4	18.2	20.0	24.4	29.4	33.6
C	mm	250	250	300	400	450	500
	in	9.8	9.8	11.8	15.7	17.7	19.7
E	mm	165	190	210	273	356	419
	in	6.5	7.5	8 ¼	10.75	14	16.5
Weight S5295RF	Kg	30	42	54	95	208.5	321.8
	lb	66.2	92.6	119.1	209.5	459.7	709.5
Weight S5295WE	Kg	24	31	43	77	176.5	257.8
	lb	52.9	68.4	94.8	169.8	389.2	568.3

For sizes and dimensions not shown, please contact our Sales Department.

API-603 CAST STAINLESS STEEL & SPECIAL ALLOY GLOBE VALVES, CLASS 600 (INDEPENDENT YOKE)

DESIGN FEATURES:

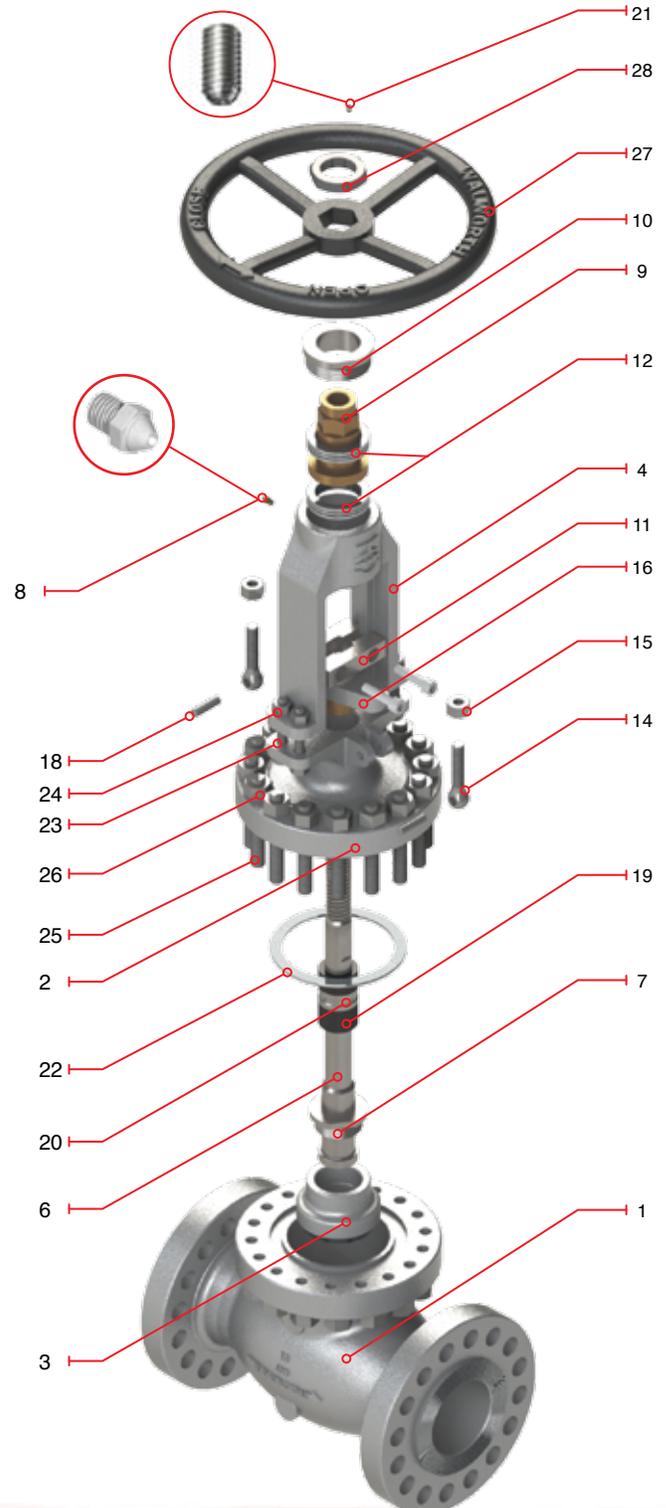
- Design in accordance with ASME B 16.34
- Rising stem and outside screw & yoke (OS&Y)
- Flange dimensions as per ASME B16.5
- End to end dimensions as per ASME B16.10
- WE dimensions as per ASME B 16.25
- Bonnet with bearings: 4" and larger
- Handwheel operated as standard

Catalog Figure No.	ID Plant Figure No.	Type of Ends
S5295RF	S5295F	Flanged Raised Face
S5295RTJ	S5295RJ	Ring Type Joint
S5295WE	S5295WE	Buttweld

Regular Bill of Materials

No.	Description	STANDARD MATERIAL
1	Body	ASTM A 351 GR CF8M
2	Bonnet	ASTM A 351 GR CF8M
3	Disc	ASTM A 351 Gr CF8M + ST 6
4	Yoke	ASTM A 351 GR CF8M
*5	Seat Ring	Integral Seat Ring
6	Stem	ASTM A 476 Type 316
7	Stem Retainer	ASTM A 182 Type F316
8	Grease Fitting	Commercial
9	Stem Nut	UNS C95600
10	Stem Nut Retainer	ASTM A 182 GR F304
11	Position Indicator	ASTM A 182 GR F304
12	Bearings	Commercial
*13	Stem Seat	ASTM A 476 Gr 316 + ST 6
14	Eyebolt	ASTM A 193 GR B8
15	Eyebolt Nut	ASTM A 194 GR 8
16	Gland Flange	ASTM A 351 GR CF8M
*17	Packing Bushing	ASTM A 476 Type 316
18	Eyebolt Pin	Alloy Steel
19	Stem Packing	Flexible graphite intermediate rings / Anti-extrusion rings on the top and bottom sides of the packing chamber
20	Lantern Ring	ASTM A 182 Type F316
21	Opressor	Commercial
22	Bonnet Gasket / Ring Type Joint	Spirallic Graphite + Stainless 316 / Stainless Steel 316
23	Yoke Bolt	ASTM A 193 GR B8
24	Yoke Bolt Nut	ASTM A 194 GR 8
25	Bonnet Stud	ASTM A 193 GR B8
26	Bonnet Stud Nut	ASTM A 194 GR 8
27	Handwheel	As per WALWORTH design
28	Handwheel Nut	ASTM A 108 GR 1020
*29	Identification Plate	Stainless Steel

*Not shown

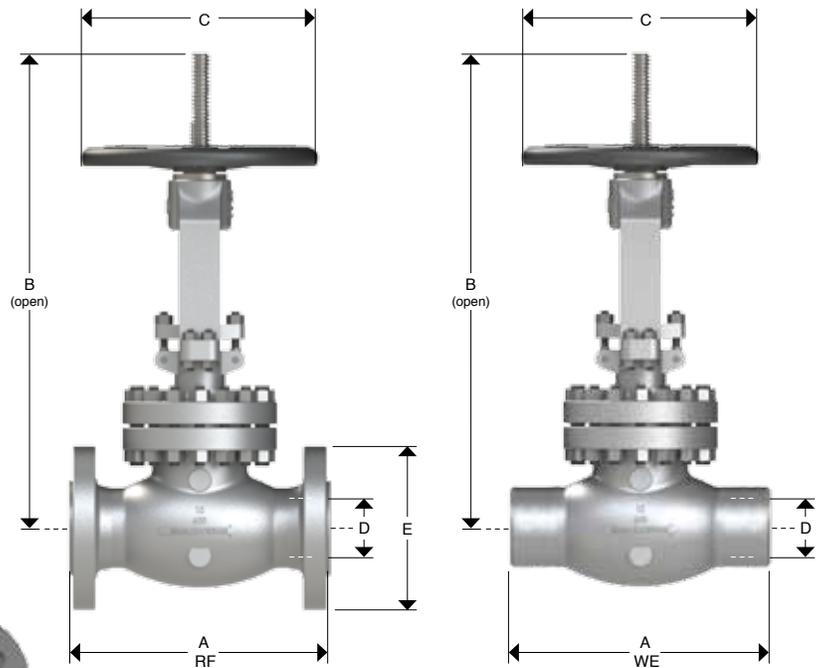
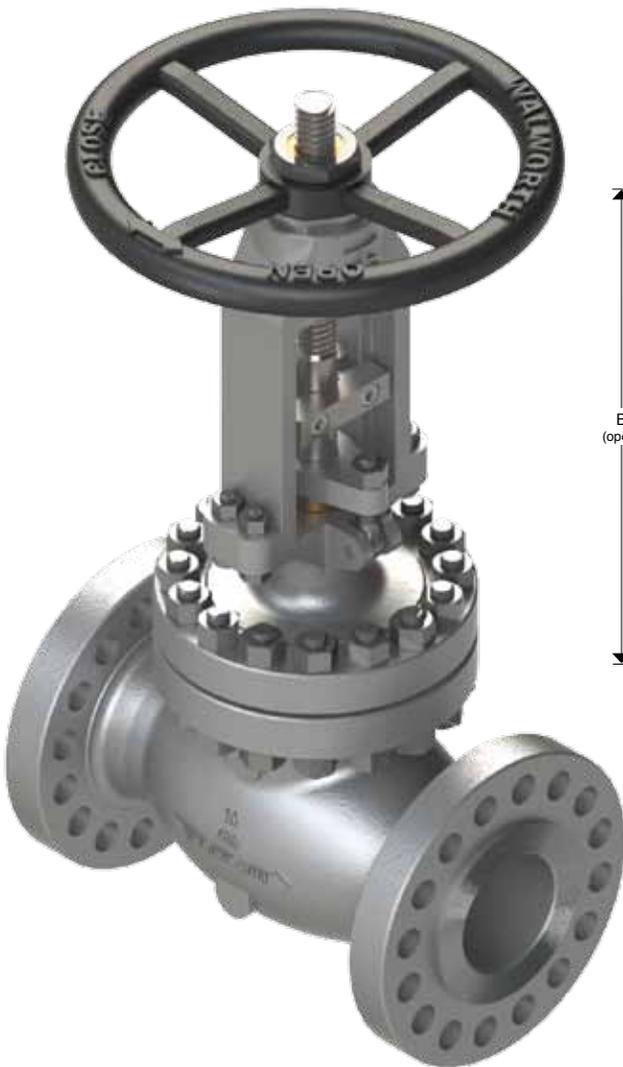


API-603 CAST STAINLESS STEEL & SPECIAL ALLOY GLOBE VALVES, CLASS 600 (INDEPENDENT YOKE)

DESIGN FEATURES:

- Design in accordance with ASME B 16.34
- Rising stem and outside screw & yoke (OS&Y)
- Flange dimensions as per ASME B16.5
- End to end dimensions as per ASME B16.10
- WE dimensions as per ASME B 16.25
- Bonnet with bearings
- Handwheel operated as standard

Catalog Figure No.	ID Plant Figure No.	Type of Ends
S5295RF	S5295F	Flanged Raised Face
S5295RTJ	S5295RJ	Ring Type Joint
S5295WE	S5295WE	Buttweld



Dimensions and Weights

D Nominal Diameter	mm	250	300
	in	10	12
A (RF and WE)	mm	787	838
	in	31	33
B (Open)	mm	935	1015
	in	36.8	40
C	mm	550	600
	in	21.7	23.6
E	mm	508	559
	in	20	22
Weight S5295RF	Kg	552.8	895.5
	lb	1218.8	1974.6
Weight S5295WE	Kg	484.75	752.5
	lb	1068.9	1659.3

For sizes and dimensions not shown, please contact our Sales Department.