SEDELON VALVES

BRONZE VALVE SERIES

- Gate Valve Series
- Globe Valve Series
- Check Valve Series
- Ball Valve Series
- Plug Valve Series
- Butterfly Valve Series
- Strainer Series

Архангельск (8182)63-90-72
Астана (7172)727-132
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89
Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Липецк (4742)52-20-81
Киргизия (996)312-96-26-47
Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Казахстан (772)734-952-31
Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Таджикистан (992)427-82-92-69
Тюмень (3452)65-21-18
Ульяновск (8422)24-23-59
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Ярославль (4852)69-52-93

https://sedelon.nt-rt.ru/ || sde@nt-rt.ru

SEDELON
VALVES

Gate Valve Series
Globe Valve Series Check Valve Series Strainer Series
Ball Valve Series
Plug Valve Series Butterfly Valve Series

BronzeValve Series

Dear and Valuable Customer,

Believe and it becomes-SEDELON!
I am writing this letter to thank you for all your trust and support for SEDELON.
I believe you may here find a new continent.

Since 1998, Sedelon has rich experience and various achievement of gate valves, globe valves,check valves, ball valves, and butterfly valves for environment and safety in industrial projects.

Based on your ceaseless valuable feedback, Sedelon now has developed into a strong valve manufacturer which highly devotes to Quality and Service.
What we desire presently is to exceed our customers' expectation and lead a long-term enjoyable relationship with you.

Sincerely and warmly welcome your visit to Sedelon , we are always saving the best for you.Trust Sedelon, trust yourself.

May blessings and happiness all around you.
Faithfully

Sam Zhang

Sedelon Valve Timeline

Following a rich history timeline of Sedelon Valve is proud to share.

1998

The Sedelon Valve Co., Ltd.was founded in Wenzhou, the land of Valves and Pumps.
Sedelon introduced advanced mechanical equipment and absorbing talents.
Company official website in Chinese was set up.
Sedelon had set company's original target: Marching towards the global market.

2004

Sedelon Began exporting products to foreign countries.
Sedelon got API 6D MONOGRAM Certificate, CE, ISO 9001-2008, TS.First time to manufacture large size gate valve of 36'' 600LB.

2008

To provide a better working environment for employees, the plant was expanded and redecorated.
To expand productivity and enhance quality control, Plasma Spray Welding, VOC, Low Emission Inspection Device and other equipment were introduced, which had great improvement for valves sealing tightness and overall quality.
Sedelon Trade team attended Canton Fair.

2012

Company CEO Mr. Shibo Zhang visited GOC, a large Korea Chemical Company, to inspect the application of Sedelon valves in project. In addition, he visited Indonesia, Dubai, Brazi,Georgia and other countries for Oil&Gas energy projects.
Sedelon Valve Company became the member of CTC (Cloud Top Commerce) -Wenzhou Business Association.
Sedelon Valve acquired Fugitive Emission Test Certificate for Gate Valves.
Sedelon Valve acquired Fugitive Emission Test Certificate for Globe Valves.

2015

Corporate Mission:
Create Value for Clients,
Create Opportunities for Staff,
Create Efficiency for Corporate,
Create wealth for Society.
Quality + Service = Satisfaction

To be continued · · ·

China

Since 1998

About Us

Sedelon

Sedelon Valve Company is Established in 1998. Based in "The City of Valves and Pumps" Wenzhou, Zhejiang, China, This Company is a Professional Manufacturer.

The main products of this company are Bronze valves, API/DIN gate/globe/ check valves, ball valves, butterfly valves,forged steel valves, ect. Its products have been widely used in petroleum, chemical, metallurgy, electric power, water conservancy, machinery and many other fields.

In order to provide customer high-quality and better service, the company has equipped the system certification such as API6D, CE, ISO9001, TS, Fugitive Emission Certificates, ect.

We have a strong management team which is formed by advanced technical experts, engineers, managers and salesmen. We emphasize the importance of teamwork. Working together and helping each other, we are just like a big and warm family.

The members of Sedelon all uphold the core concept of
"Quality + Service = Satisfaction".
We sincerely provide you high-quality products and excellent service. We are striving to be your first choice of manufacturer and supplier.

Producing Equipment

In order to improve the comprehensive strength and provide high performance products, Sedelon had tried our best to meet various requirements from customers by introducing advanced technology equipment. These producing equipment are necessary in valve production and we choose the superior.

- Vertical lathe
- Boring machine
- Engine lathe
- Milling machine
- Drilling machine
- Plasma spray welding machine
- Shot blasting machine
- Numerically controlled lathe
- Forklift trucks

As we all know, quality is the core of a brand, so Sedelon has built a very strict procedure for valve testing, following is our major testing equipment, some of which are imported from abroad.

Testing Equipment

- Automated Discrete Analyzer
- Fugitive Emission Testing(VOC)
- Impact Testing Machine
- Penetrant Testing
- Professional Paint Equipment
- Spectrometer(PMI)
- Wall Thickness Measurement Gauge
- Tension Test Machine
- Valve Pressure Test Device(From 150# to 2500# for 1/2" to 60")

Certificates

Sedelon Valve company compay to date has obtained the following
main certifications :
CE,API6D,ISO9001,TS,Fugitive Emission Test Certificate and more to come.
We cherish our honor, We cherish our brand,
we believe that we will be better in the near future.

Sedelon®
Fugitive Emission Valves

Environmental Protection is Also Our Top Concern.
Sedelon Acquired Fugitive Emission Test Certificate.
Customized Packing Material, Perfect Sealing Performance.

Fugitive Emission Definition：
Pollutant released into air from leaks in equipment, pipe lines, seals, valves, etc., and not from the usual sources such chimneys and vents.

Protection of the Environment：
Environmental protection has been a top-concern topic of the whole world. Solutions are urgently needed to reduce the pressure loss and gas emission.

Perfect Sealing Performance：
Fugitive Emission Valves have already been adopted for the pipes in which the medium is poisonous, flammable and combustible. Gaskets and packing with high density and tightness are key points to avoid the emission.

Specialized Equipment：
The Leakage cannot be judged only by regular Air Test or Hydrostatic Test.
In this case, helium instead of nitrogen will be used for the testing. Under the operation of the special facility, valves will be opened and closed automatically and frequently at the speed of 50 times per minutes to ensure the tightness.
In the whole process, VOC testing facility is equipped nearby to monitor the sealing performance.

Contents

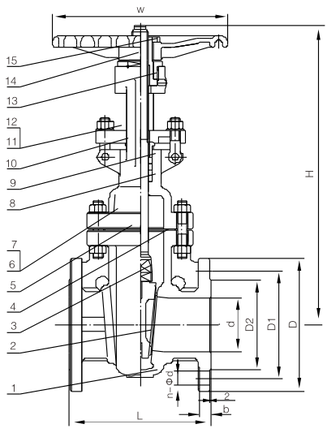
Bronze Valve Series

Sedelon

Gate Valve Globe Valve
Check Valve Ball Valve
Plug Valve
Butterfly Valve
Strainer

Sedelon

Bronze Gate Valve



Materials of parts

No	Part Name	ASTM Materials		
1	Body	B148 C95800	B148 C95500	B148 C95200
2	Wedge	B148 C95800	B148 C95500	B148 C95200
3	Stem	B148 C95800	B148 C95500	B148 C95200
4	Bonnet Gasket	304+Graphite	304+Graphite	304+Graphite
5	Bonnet	B148 C95800	B148 C95500	B148 C95200
6	Bonnet Stud	A193–B8M	A193–B8M	A193–B8M
7	Bonnet Stud Nut	A194 –8M	A194 –8M	A194 –8M
8	Packing	Graphite	Graphite	Graphite
9	Gland	B148 C95800	B148 C95500	B148 C95200
10	Gland Flange	B148 C95800	B148 C95500	B148 C95200
11	Eyebolt	A193–B8M	A193–B8M	A193–B8M
12	Eyebolt Nut	A194 –8M	A194 –8M	A194 –8M
13	Yokesleeve	A439–D2		
14	Handwheel	Malleable		
15	Handwheel Nut	Carbon Steel		

Note:
1).Ductile Ni–resist optional
2).Wedge and seat ring may either be solid facing material or a base material equal to or better than the body/bonnet material with facing as shown.

Applicable standards:

- STEEL GATE VALVES API 600/API6D
- STEEL GATE VALVES ISO 10434/ISO 14313
- STEEL VALVES,ASME B16.34
- FACE TO FACE ,ASME B16.10
- END FLANGES ,ASME B16.5
- BUTTWELDING ENDS,ASME B16.25
- INSPECTION AND TEST API 598/API 6D

Design descriptions:

- FULL PORT DESIGN
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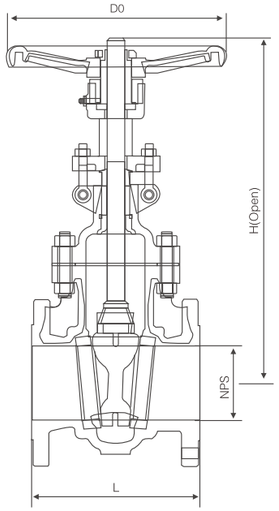
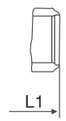
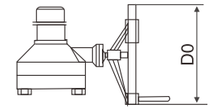
Sedelon

Bronze Gate Valve
150# 300#







Dimensional datas of ANSI Class 150#

NPS / DN	2 / 50	2½ / 65	3 / 80	4 / 100	6 / 150	8 / 200	10 / 250	12 / 300	14 / 350	16 / 400	18 / 450	20 / 500	24 / 600	26 / 650	28 / 700	30 / 750	32 / 800	36 / 900	in / mm
L (RF)	7.00	7.50	8.00	9.00	10.50	11.50	13.00	14.00	15.00	16.00	17.00	18.00	20.00	22.00	24.00	24.00	28.00	28.00	in
	178	191	203	229	267	292	330	356	381	406	432	457	508	559	610	610	711	711	mm
L1 (BW)	85	9.50	11.12	12.00	15.88	16.50	18.00	19.75	22.50	24.00	26.00	28.00	32.00	34.00	36.00	36.00	38.00	40.00	in
	216	241	283	305	403	419	457	502	572	610	660	711	813	864	914	914	965	1016	mm
H (open)	15.25	17.00	18.88	23.00	30.50	37.62	45.50	53.12	59.38	67.00	74.50	83.50	98.25	110.50	116.50	124.00	129.00	146.50	in
	386	434	480	584	765	956	1149	1350	1508	1703	1892	2119	2500	2806	2960	3150	3280	3720	mm
Do	8	8	10	12	12	14	16	15	20	22	24	26	29	29	29	32	32	38	40	in
	200	200	250	300	300	350	400	450	500	550	600	640	700	720	800	800	950	1000	mm
wt(kg)	18	25	32	50	77	121	178	265	463	463	621	792	1521	1521	1838	2261	2490	3310	RF
	15	18	26	41	69	108	156	248	424	424	587	752	1570	1570	1900	3310	2540	3380	BW

Dimensional datas of ANSI Class 300#

NPS / DN	2 / 50	2½ / 65	3 / 80	4 / 100	6 / 150	8 / 200	10 / 250	12 / 300	14 / 350	16 / 400	18 / 450	20 / 500	24 / 600	26 / 650	28 / 700	30 / 750	32 / 800	36 / 900	in / mm
L/L1 (RF/BW)	8.50	9.50	11.12	12.00	15.88	16.50	18.00	19.75	30.00	33.00	36.00	39.00	45.00	49.00	53.00	55.00	60.00	68.00	in
	216	241	283	305	403	419	457	502	762	838	914	991	1143	1245	1346	1397	1524	1727	mm
L2 (RTJ)	9.12	10.12	11.75	12.62	16.50	17.12	18.62	20.38	30.62	33.62	36.62	39.75	45.88	50.00	54.00	56.00	61.12	69.12	in
	232	257	298	321	419	435	473	518	778	854	930	1010	1165	1270	1372	1422	1553	1756	mm
H (open)	16.12	17.88	20.00	24.00	31.75	39.38	47.62	55.75	62.25	67.88	77.12	86.38	102.00	117.00	122.00	126.00	130.00	152.00	in
	410	453	509	612	805	1000	1210	1415	1580	1725	1960	2195	2590	2975	3100	3200	3300	3860	mm
Do	8	8	10	12	14	16	18	20	22	22	24	26	29	29	32	32	38	40	in
	200	200	250	300	350	400	450	500	550	550	600	640	720	720	800	800	950	1000	mm
wt(kg)	23	35	50	71	144	209	322	482	683	950	1145	1635	2660	3090	3310	3595	3720	3985	RF
	17	26	39	53	113	164	256	390	565	805	965	1410	2305	2540	2725	3055	3360	3630	BW

Sedelon

Bronze Gate Valve
600# 900#

Dimensional datas of ANSI Class 600#

NPS DN	2 50	2½ 65	3 80	4 100	6 150	8 200	10 250	12 300	14 350	16 400	18 450	20 500	24 600	26 650	28 700	30 750	32 800	36 900	in mm
L/L1 (RF/BW)	11.50	13.00	14.00	17.00	22.00	26.00	31.00	33.00	35.00	39.00	43.00	47.00	55.00	57.00	61.00	65.00	70.00	82.00	in
	292	330	356	432	559	660	787	838	889	991	1092	1194	1397	1448	1549	1651	1778	2083	mm
L2 (RTJ)	11.62	13.12	14.12	17.12	22.12	26.12	31.12	33.12	35.12	39.12	43.12	47.25	55.38	57.50	61.50	65.50	70.62	82.62	in
	295	333	359	435	562	664	791	841	892	994	1095	1200	1407	1461	1562	1664	1794	2099	mm
H (open)	16.50	18.75	20.38	25.50	33.00	40.38	48.38	57.00	62.00	70.62	76.00	87.00	101.50	105.00	109.50	114.00	124.00	140.00	in
	418	476	518	646	840	1025	1230	1450	1575	1795	1930	2210	2580	2665	2780	2895	3150	3560	mm
Do	8	10	10	12	18	20	24	24	24	24	26	26	29	29	32	32	38	40	in
	200	250	250	300	450	500	600	600	600	600	640	640	720	720	800	800	950	1000	mm
wt(kg)	36	52	67	112	170	393	610	890	1245	1530	1965	2450	2995	3475	3725	4045	4185	4480	RF
	29	42	53	83	125	310	472	730	1055	1240	1625	2030	2590	2855	3065	3440	3780	4085	BW

Dimensioal datas of ANSI Class 900#

NPS DN	2 50	2½ 65	3 80	4 100	6 150	8 200	10 250	12 300	14 350	16 400	18 450	20 500	24 600	in mm
L/L1 (RF/BW)	14.50	16.50	15.00	18.00	24.00	29.00	33.00	38.00	40.50	44.50	48.00	52.00	61.00	in
	368	419	381	457	610	737	838	965	1029	1130	1219	1321	1549	mm
L2 (RTJ)	14.62	16.62	15.12	18.12	24.12	29.12	33.12	38.12	40.88	44.88	48.50	52.50	61.75	in
	371	422	384	460	613	740	841	968	1038	1140	1232	1334	1568	mm
H (open)	19.62	21.50	22.50	26.62	35.50	4.50	53.00	60.00	74.88	81.00	87.00	101.00	104.00	in
	498	547	573	678	900	1103	1345	1525	1900	2055	2215	2565	264.00	mm
Do	10	10	12	18	20	24	26	29	32	32	38	38	40	in
	250	250	300	450	500	600	640	720	800	800	950	950	1000	mm
wt(kg)	74	131	101	172	335	640	1100	1600	2250	2850	3060	3935	49.00	RF
	54	105	78	135	260	515	920	1380	2010	2565	3485	3250	4065	BW

Applicable standards:

- STEEL GATE VALVES API 600/API6D
- STEEL GATE VALVES ISO 10434/ISO 14313
- STEEL VALVES,ASME B16.34
- FACE TO FACE ,ASME B16.10
- END FLANGES ,ASME B16.5
- BUTTWELDING ENDS,ASME B16.25
- INSPECTION AND TEST API 598/API 6D

Design descriptions:

- FULL PORT DESIGN
- OS&Y OUTSIDE SRCEW AND YOKE
- BB.BOLTED BONNET
- FLEXIBLE WEDGE,FULLY GUIDED
- CHOICE OF SOLID OR SPLIT WEDGE
- RENEWABLE SEAT RINGS
- FORGED T-HEAD STEM
- RISING STEM AND NON-RISING HANDWHEEL
- FLANGED OR BUTTWELDING ENDS
- AVAILABLE WITH BG OPERATOR

Sedelon

Bronze Gate Valve
1500# 2500#

Dimensional datas of ANSI Class 1500#

NPS DN	2 50	2½ 65	3 80	4 100	6 150	8 200	10 250	12 300	14 350	16 400	18 450	20 500	24 600	in mm
L/L1 (RF/BW)	14.50	16.50	18.50	21.50	27.75	32.75	39.00	44.50	49.50	54.50	60.50	65.50	76.50	in
	368	419	470	546	705	832	991	1130	1257	1384	1537	1664	1943	mm
L2 (RTJ)	15.50	16.62	18.62	21.62	28.00	33.12	39.38	45.12	50.25	55.38	61.38	66.38	77.62	in
	371	422	473	549	711	841	1000	1146	1276	1407	1559	1686	1972	mm
H (open)	24.25	26.00	30.00	34.12	39.50	45.00	54.00	61.00	74.88	80.50	93.75	101.50	114.75	in
	615	658	760	868	1005	1145	1370	1550	1900	2050	2380	2580	2915	mm
Do	10	12	18	20	24	18	18	24	24	24	24	24	24	in
	250	300	450	500	600	460	460	600	600	600	600	600	600	mm
wt(kg)	116	166	209	296	510	920	1910	3145	4100	6200	8965	13100	15860	RF
	105	150	188	265	412	760	1640	2755	3200	5300	8070	11790	14275	BW

Dimensional datas of ANSI Class 2500#

NPS DN	2 50	2½ 65	3 80	4 100	6 150	8 200	10 250	12 300	14 350	16 400	18 450	20 500	24 600	in mm
L/L1 (RF/BW)	17.75	20.00	22.75	26.50	36.00	40.25	50.00	56.00	–	–	–	–	–	in
	451	508	578	673	914	1022	1270	1422	–	–	–	–	–	mm
L2 (RTJ)	17.88	20.50	23.00	26.88	36.50	40.88	50.88	56.88	–	–	–	–	–	in
	454	514	584	683	927	1038	1292	1445	–	–	–	–	–	mm
H (open)	24.88	29.00	35.00	41.50	57.00	63.38	81.75	89.75	–	–	–	–	–	in
	631	736	890	1055	1450	1610	2075	2280	–	–	–	–	–	mm
Do	12	18	20	20	24	24	24	24	–	–	–	–	–	in
	300	450	500	500	600	600	600	600	–	–	–	–	–	mm
wt(kg)	155	210	310	580	1600	2450	4570	7150	–	–	–	–	–	RF
	124	160	245	460	1310	2010	3800	6000	–	–	–	–	–	BW

Applicable standards:

- STEEL GATE VALVES API 600/API6D
- STEEL GATE VALVES ISO 10434/ISO 14313
- STEEL VALVES,ASME B16.34
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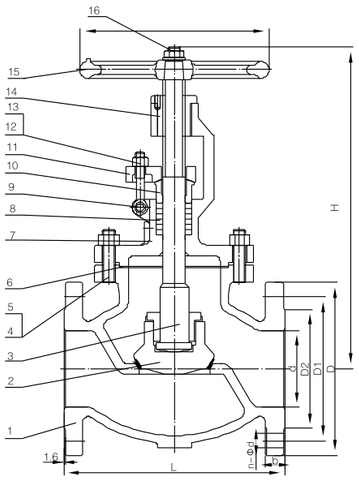
Sedelon

Bronze Globe Valve

Sedelon

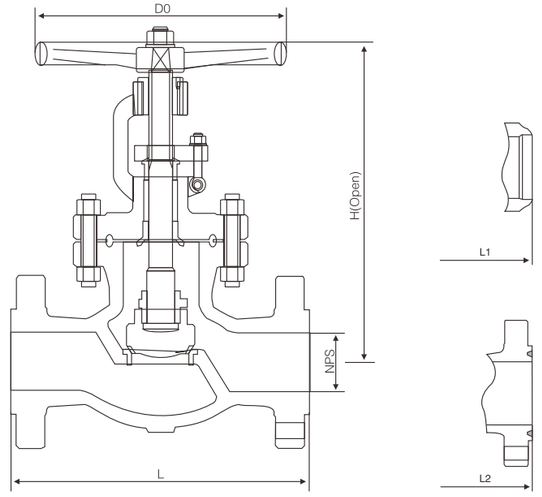
Bronze Globe Valve
150# 300#



Note:
1).Ductile Ni–resist optional
2).Wedge and seat ring may either be solid facing material or a base material equal to or better than the body/bonnet material with facing as shown.

Materials of parts

No	Part Name	ASTM Materials		
1	Body	B148 C95800	B148 C95500	B148 C95200
2	Disc	B148 C95800	B148 C95500	B148 C95200
3	Stem	B148 C95800	B148 C95500	B148 C95200
4	Bonnet Stud	B148 C95800	B148 C95500	B148 C95200
5	Bonnet Stud Nut	316+Graphite	316+Graphite	316+Graphite
6	Bonnet Gasket	A193 –B8M	A193 –B8M	A193 –B8M
7	Bonnet	A194 –8M	A194 –8M	A194 –8M
8	Packing	Graphite	Graphite	Graphite
9	Eyebolt Pin	B148 C95800	B148 C95500	B148 C95200
10	Gland	B148 C95800	B148 C95500	B148 C95200
11	Gland Flange	B148 C95800	B148 C95500	B148 C95200
12	Eyebolt	A193 –B8M	A193 –B8M	A193 –B8M
13	Eyebolt Nut	A194 –8M	A194 –8M	A194 –8M
14	Yokesleeve	A439–D2	A439–D2	A439–D2
15	Handwheel	Malleable	Malleable	Malleable
16	Handwheel Nut	Carbon Steel	Carbon Steel	Carbon Steel



Applicable standards:

- STEEL GLOBE VALVES BS EN 13709/API 600
- STEEL VALVES,ASME B16.34
- FACE TO FACE, ASME B16.10
- END FLANGES,ASME B16.5
- BUTTWELDING ENDS,ASME B16.25
- INSPECTION AND TEST ,API 598

Design descriptions:

- STRAIGHT PATTERN BODY DESIGN
- OS&Y,OUTSIDE SCREW AND YOKE
- BB,BOLTED BONNET
- YOKE INTEGRAL WITH BONNET
- RISING STEM AND HANDWHEEL
- LOOSE DISC,CHOICE OF PLUG OR BALL
- RENEWABLE SEAT RING
- IMPACT HANDWHEEL FOR 10"&ABOVE
- HORIZONTAL SERVICE
- FLANGED OR BUTTWELDING ENDS
- AVAILABLE WITH BG OPERATOR

Dimensional datas

NPS	DN	L/L1 (RF/BW)		L2 (RTJ)		H (open)		D0		WT(kg)		L/L1 (RF/BW)		L2 (RTJ)		H (open)		D0		WT(kg)	
		ANSI Class150#										ANSI Class300#									
2	50	8.00	203	8.00	203	15.00	380	7	180	18	14	10.50	267	11.12	282	16.75	425	8	200	25	20
2 1/2	65	8.50	216	8.50	216	21.00	535	10	240	30	22	11.50	292	12.12	308	19.00	485	10	240	32	22
3	80	9.50	241	9.50	241	17.50	445	11	280	41	33	12.50	318	13.12	333	19.88	505	11	280	38	27
4	100	11.50	292	11.50	292	20.25	515	11	280	64	43	14.00	356	14.62	371	22.50	570	13	320	56	41
6	150	16.00	406	16.00	406	22.00	560	13	320	86	72	17.50	444	18.12	460	25.25	640	16	400	96	75
8	200	19.50	495	19.50	495	24.25	615	13	320	110	88	22.00	559	22.62	575	33.25	845	18	450	150	117
10	250	24.50	622	24.50	622	32.00	815	16	400	280	245	24.50	622	25.12	638	35.50	900	20	500	360	310
12	300	27.50	698	27.50	698	35.88	910	18	450	380	345	28.00	711	28.62	727	38.62	980	24	600	550	492
14	350	31.00	787	31.00	787	48.38	1230	20	500	510	450	–	–	–	–	–	–	–	–	–	–
16	400	36.00	914	36.00	914	57.00	1450	24	600	740	665	–	–	–	–	–	–	–	–	–	–
in	mm	in	mm	in	mm	in	mm	in	mm	RF	BW	in	mm	in	mm	in	mm	in	mm	RF/RTJ	BW

Sedelon

Bronze Globe Valve
600# 900# 1500# 2500#

Dimensional datas

NPS	DN	L/L1 (RF/BW)		L2 (RTJ)		H (open)		D0		WT(kg)		L/L1 (RF/BW)		L2 (RTJ)		H (open)		D0		WT(kg)	
		ANSI Class600#										ANSI Class900#									
2	50	11.50	292	11.62	295	17.50	445	10	240	35	27	14.50	368	14.62	371	22.00	560	11	280	57	41
2 1/2	65	13.00	330	13.12	333	19.75	502	11	280	50	34	16.50	419	16.62	422	23.25	590	13	320	82	53
3	80	14.00	356	14.12	359	21.00	533	13	320	60	42	15.00	381	15.12	384	25.25	640	16	400	91	58
4	100	17.00	432	17.12	435	24.50	622	16	400	110	84	18.00	457	18.12	460	31.88	810	18	450	168	117
6	150	22.00	559	22.12	562	29.50	750	18	450	230	192	24.00	610	24.12	613	41.38	1050	20	500	365	238
8	200	26.00	660	26.12	663	36.50	927	20	500	410	350	29.00	737	29.12	740	53.50	1360	24	600	665	538
10	250	31.00	787	31.12	790	44.88	1140	24	600	770	680	33.00	838	33.12	841	61.88	1570	24	600	1250	1060
12	300	33.00	838	33.12	841	53.12	1350	24	600	1140	1030	–	–	–	–	–	–	–	–	–	–
in	mm	in	mm	in	mm	in	mm	in	mm	RF/RTJ	BW	in	mm	in	mm	in	mm	in	mm	RF/RTJ	BW

Dimensional datas

NPS	DN	L/L1 (RF/BW)		L2 (RTJ)		H (open)		D0		WT(kg)		L/L1 (RF/BW)		L2 (RTJ)		H (open)		D0		WT(kg)	
		ANSI Class1500#										ANSI Class2500#									
2	50	14.50	368	14.62	371	22.00	560	13	320	68	57	17.75	451	17.88	454	25.50	650	16	400	97	72
2 1/2	65	16.50	419	16.62	422	23.25	590	16	400	97	81	20.00	508	20.50	414	28.12	715	18	450	138	95
3	80	18.50	470	18.62	473	29.50	750	18	450	116	95	22.75	578	23.00	584	32.50	825	20	500	167	108
4	100	21.50	546	21.62	549	36.00	915	20	500	215	184	26.50	673	26.88	683	47.00	1195	24	600	305	196
6	150	27.75	705	28.00	711	48.62	1235	24	600	445	347	36.00	914	36.50	927	70.50	1790	28	700	633	351
8	200	32.75	832	33.12	841	65.00	1650	28	700	795	635	–	–	–	–	–	–	–	–		–
in	mm	in	mm	in	mm	in	mm	in	mm	RF/RTJ	BW	in	mm	in	mm	in	mm	in	mm	RF/RTJ	BW

Applicable standards:

- STEEL GLOBE VALVES BS EN 13709/API 600
- STEEL VALVES,ASME B16.34
- FACE TO FACE, ASME B16.10
- END FLANGES,ASME B16.5
- BUTTWELDING ENDS,ASME B16.25
- INSPECTION AND TEST ,API 598

Design descriptions:

- STRAIGHT PATTERN BODY DESIGN
- OS&Y,OUTSIDE SCREW AND YOKE
- BB,BOLTED BONNET
- YOKE INTEGRAL WITH BONNET
- RISING STEM AND HANDWHEEL
- LOOSE DISC,CHOICE OF PLUG OR BALL
- RENEWABLE SEAT RING
- IMPACT HANDWHEEL FOR 10"&ABOVE
- HORIZONTAL SERVICE
- FLANGED OR BUTTWELDING ENDS
- AVAILABLE WITH BG OPERATOR

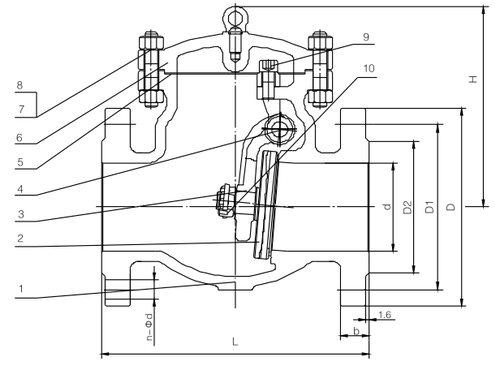
Note:
1).Ductile Ni-resist optional
2).Wedge and seat ring may either be solid facing material or a base material equal to or better than the body/bonnet material with facing as shown.

Materials of parts

No	Part Name	ASTM Materials		
1	Body	B148 C95800	B148 C95500	B148 C95200
2	Disc	B148 C95800	B148 C95500	B148 C95200
3	Hinge	B148 C95800	B148 C95500	B148 C95200
4	Hinge Pin	B148 C95800	B148 C95500	B148 C95200
5	Gasket	316+Graphite	316+Graphite	316+Graphite
6	Cover	B148 C95800	B148 C95500	B148 C95200
7	Stud	A193 –B8M	A193 –B8M	A193 –B8M
8	Stud Nut	A194 –8M	A194 –8M	A194 –8M
9	Bolt	A193 –B8M	A193 –B8M	A193 –B8M
10	Nut	A194 –8M	A194 –8M	A194 –8M

Sedelon

Bronze Swing Check Valve



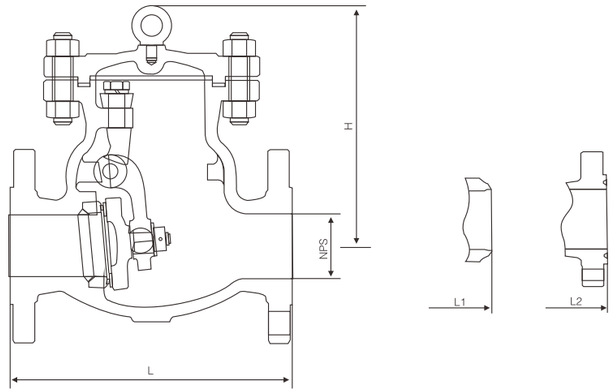
Applicable standards:

- STEEL CHECK VALVES, API 6D
- STEEL CHECK VALVES,ISO14313
- STEEL VALVES,ASME B16.34
- FACE TO FACE, ASME B16.10
- END FLANGES,ASME B16.5
- BUTTWELDING ENDS,ASME B16.25
- INSPECTION AND TEST, API 598/API 6D

Design descriptions:

- BC,BOLTED COVER
- SWING TYPE,ANTI-ROTATION DISC
- RENEWABLE SEAT RINGS
- NON-PENETRATE DISC SHAFT
- HORIZONTAL OR VERTICAL SERVICE
- FLANGED OR BUTTWELDING ENDS

Bronze Swing Check Valve
150# 300#



Dimensional datas of ANSI Class 150#

NPS / DN	2	2½	3	4	6	8	10	12	14	16	18	20	24	26	28	30	36	
	50	65	80	100	150	200	250	300	350	400	450	500	600	650	700	750	900	mm
L/L1 (RF/BW)	8.00	8.50	9.50	11.50	14.00	19.50	24.50	27.50	31.00	34.00	38.50	38.50	51.00	51.00	57.00	60.00	77.00	in
	203	216	241	292	356	495	622	699	787	864	978	978	1295	1295	1448	1524	1956	mm
L2 (RTJ)	8.50	9.00	10.00	12.00	14.50	20.00	25.00	28.00	31.50	34.50	39.00	39.00	51.50	–	–	–	–	in
	216	229	254	305	368	508	635	711	800	876	991	991	1308	–	–	–	–	mm
H	6.00	6.50	6.88	8.00	11.50	13.88	15.38	17.00	18.75	20.62	22.88	24.62	34.75	37.00	37.00	38.62	48.00	in
	152	165	175	204	293	353	390	432	475	525	582	627	883	940	940	980	1220	mm
wt(kg)	14	20	25	40	71	118	177	263	353	542	632	855	970	1600	1600	1990	2760	RF/RTJ
	10	12	17	29	57	96	143	227	295	468	552	755	831	1420	1420	1760	2230	BW

Dimensional datas of ANSI Class 300#

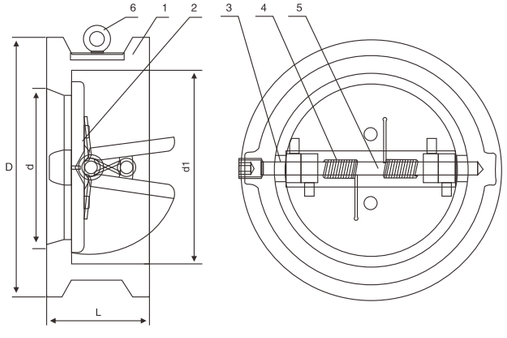
NPS / DN	2	2½	3	4	6	8	10	12	14	16	18	20	24	26	28	30	36	
	50	65	80	100	150	200	250	300	350	400	450	500	600	650	700	750	900	mm
L/L1 (RF/BW)	10.50	11.50	12.50	14.00	17.50	21.00	24.50	28.00	33.00	34.00	38.50	40.00	53.00	53.00	59.00	62.75	82.00	in
	267	292	318	356	445	533	622	711	838	864	978	1016	1346	1346	1499	1594	2083	mm
L2 (RTJ)	11.12	12.12	13.12	14.62	18.12	21.62	25.12	28.62	33.62	34.62	39.12	40.75	53.88	54.00	60.00	63.75	–	in
	283	308	333	371	460	549	638	727	854	879	994	1035	1368	1372	1524	1619	–	mm
H	6.00	6.50	6.88	8.00	11.50	13.88	15.38	17.00	18.75	20.62	22.88	24.62	34.75	35.88	37.00	38.62	48.00	in
	152	165	175	204	292	353	390	432	475	525	582	627	883	910	940	980	1220	mm
wt(kg)	16	23	29	46	82	136	204	302	405	625	730	985	1115	1465	1840	2290	3180	RF/RTJ
	11	13	18	31	61	103	155	245	315	503	593	812	895	1205	1525	1895	2395	BW

Bronze Wafer Check Valve

Materials of parts

No	Part Name	ASTM Materials		
1	Body	B148 C95800	B148 C95500	B148 C95500
2	Plate	B148 C95800	B148 C95500	B148 C95500
3	Stop Pin	B148 C95800	B148 C95500	B148 C95500
4	Back Spring	Inconel X–750	Inconel X–750	Inconel X–750
5	Hinge Pin	B148 C95800	B148 C95500	B148 C95500
6	Eye bolt	B148 C95800	B148 C95500	B148 C95500

Note:1)NPS 8" & larger.



Applicable standards:

- ●STEEL CHECK VALVES, API 594/API6D
- ●STEEL CHECK VALVES,ISO14313
- ●STEEL VALVES,ASME B16.34
- ●FACE TO FACE, ASME B16.10
- ●END FLANGES,ASME B16.5
- ●INSPECTION AND TEST, API 598/API 6D

Design descriptions:

- ●ONE PIECE BODY
- ●BUTTERFLY SWING TYPE
- ●DUAL-PLATE DISC,LONG-PATTERN
- ●RENEWABLE SPLIT DISC
- ●HORIZONTAL OR VERTICAL SERVICE
- ●WAFER ENDS
- ●AVAILABLE WITH FLANGED ENDS

Sedelon

Bronze Wafer Check Valve
150# 300# 600# 900#

Sedelon

Bronze Floating Ball Valve

Dimensional datas of ANSI Class 150#

NPS / DN	2 / 50	2 1/2 / 65	3 / 80	4 / 100	6 / 150	8 / 200	10 / 250	12 / 300	14 / 350	16 / 400	18 / 450	20 / 500	24 / 600	
L	2.38	2.62	2.88	2.88	3.88	5.00	5.75	7.12	7.25	7.50	8.00	8.62	8.75	in
	60	67	73	73	98	127	146	181	184	191	203	219	222	mm
D	4.00	4.88	5.38	6.75	8.62	10.88	13.25	16.00	17.62	20.12	21.50	23.75	28.12	in
	103	122	135	173	220	277	337	407	448	512	547	604	715	mm
d	2.00	2.50	3.25	4.00	6.00	8.00	10.00	12.00	13.75	15.75	17.75	19.75	23.62	in
	51	65	80	102	152	203	254	305	350	400	450	500	600	mm
D1	2.25	2.88	3.50	4.25	6.25	8.25	10.50	12.12	14.00	16.00	18.00	19.88	23.75	in
	56	73	88	108	160	210	266	310	355	405	455	505	605	mm
WT	2	3	4	6	13	25	39	54	80	117	138	163	331	kg

Dimensional datas of ANSI Class 300#

NPS / DN	2 / 50	2 1/2 / 65	3 / 80	4 / 100	6 / 150	8 / 200	10 / 250	12 / 300	14 / 350	16 / 400	18 / 450	20 / 500	24 / 600	
L	2.38	2.62	2.88	2.88	3.88	5.00	5.75	7.12	8.75	9.12	10.38	11.50	12.50	in
	60	67	73	73	98	127	146	181	222	232	264	292	318	mm
D	4.25	5.00	5.75	7.00	9.88	12.00	14.12	16.50	19.00	21.12	23.38	25.62	30.38	in
	110	128	147	179	249	305	359	420	483	537	594	652	772	mm
d	2.00	2.50	3.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	24.00	in
	51	65	80	102	152	8.25	254	305	350	400	450	500	600	mm
D1	2.25	2.88	3.50	4.25	6.38	203	10.50	12.25	14.00	16.00	18.00	20.00	24.00	in
	58	73	88	108	160	210	266	310	355	405	455	505	608	mm
WT	3	4	6	8	18	31	51	77	117	190	200	265	410	kg

Dimensional datas of ANSI Class 600#

NPS / DN	2 / 50	2 1/2 / 65	3 / 80	4 / 100	6 / 150	8 / 200	10 / 250	12 / 300	14 / 350	16 / 400	
L	2.38	2.62	2.88	3.12	5.38	6.50	8.38	9.00	10.75	12.00	in
	60	67	73	79	137	165	213	229	273	305	mm
D	4.38	5.00	5.75	7.50	10.38	12.50	15.62	17.88	19.25	22.12	in
	110	128	147	191	264	318	398	455	490	562	mm
d	2.00	2.50	3.00	4.00	6.00	7.88	9.88	12.00	13.25	15.25	in
	51	65	80	102	152	200	250	305	337	387	mm
D1	2.25	2.88	3.50	4.25	6.38	8.38	10.50	12.25	14.00	157.75	in
	58	73	88	108	162	212	266	312	355	400	mm
WT	4	5	8	11	26	55	95	140	223	360	kg

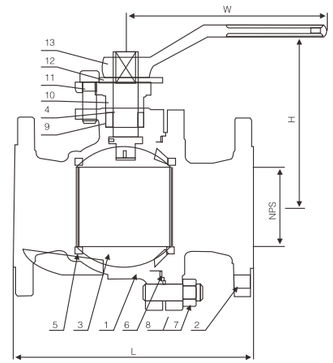
Dimensional datas of ANSI Class 900#

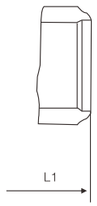
NPS / DN	2 / 50	2 1/2 / 65	3 / 80	4 / 100	6 / 150	8 / 200	10 / 250	12 / 300	14 / 350	16 / 400	
L	2.75	3.25	3.25	4.00	6.25	8.12	9.50	11.50	–	–	in
	70	83	83	102	159	206	241	292	–	–	mm
D	5.50	6.38	6.50	8.00	11.25	14.00	17.00	19.50	–	–	in
	140	162	165	204	286	356	432	495	–	–	mm
d	2.00	2.50	3.00	4.00	6.00	7.88	9.88	12.00	–	–	in
	51	62	80	102	152	200	250	305	–	–	mm
D1	2.25	2.88	3.50	4.25	6.38	8.38	10.50	12.25	–	–	in
	58	73	88	108	162	212	266	312	–	–	mm
WT	8	11	14	20	42	84	145	220	–	–	kg

Note:
1)A105+ENP optional
2)Spiral wound construction.

Materials of Parts

No	Part Name	ASTM Materials		
1	Body	B148 C95800	B148 C95500	B148 C95200
2	Bonnet	B148 C95800	B148 C95500	B148 C95200
3	Ball	B148 C95800	B148 C95500	B148 C95200
4	Stem	B148 C95800	B148 C95500	B148 C95200
5	Seal Ring	R.PTFE		
6	Bonnet	316+ Graphite	316+ Graphite	316+ Graphite
7	Bonnet Stud	A193 –B8M	A193 –B8M	A193 –B8M
8	Bonnet Stud Nut	A194 –8M	A194 –8M	A194 –8M
9	Packing	PTFE		
10	Gland Flange	B148 C95800	B148 C95500	B148 C95200
11	Gland Bolt	A193 –B8M	A193 –B8M	A193 –B8M
12	Stop Plate	Carbon Steel+Zn	Carbon Steel+Zn	Carbon Steel+Zn
13	Handle	Carbon Steel		





Applicable standards:

- STEEL BALL VALVES API 608/API 6D
- STEEL BALL VALVES ISO 14313
- FIRE SAFE,API 607
- ANTI STATIC,API 608
- STEEL VALVES,ASME B16.34
- FACE TO FACE ASME B16.10
- END FLANGES,ASME B16.5
- BUTTWELDING ENDS ASME B16.25
- INSPECTION AND TEST, API 598/ API 6D

Design descriptions:

- FULL PORT DESIGN
- BG.BOLTED BONNET.SPLIT BODY
- FLOATING BALL TYPE
- BLOW-OUT PROOF STEM
- FIRE DURABLE CONSTRUCTION
- ANTI STATIC DEVICE
- STOPPER DEVICE
- ISO 5211 MOUNTING PAD
- FLANGED OR BUTTWELDING ENDS
- AVAILABLE WITH WG OPERATOR

Sedelon

Bronze Floating Ball Valve
150# 300# 600#

Sedelon

Bronze Plug Valve
Pressure Balanced

Dimensional datas of ANSI Class 150#

NPS / DN	1/2 / 15	3/4 / 20	1 / 25	1 1/2 / 40	2 / 50	2 1/2 / 65	3 / 80	4 / 100	6 / 150	8 / 200	10 / 250	12 / 300	
L (RF)	4.25	4.62	5.00	6.50	7.00	7.50	8.00	9.00	15.50	18.00	21.00	24.00	in
	108	117	127	165	178	190	203	229	394	457	533	610	mm
L1 (BW)	5.50	6.00	6.50	7.50	8.50	9.50	11.12	12.00	18.00	20.50	22.00	25.00	in
	140	152	165	190	216	241	283	305	457	521	559	635	mm
H	2.12	2.12	2.75	3.50	4.12	6.12	7.25	8.00	10.00	11.00	13.50	16.50	in
	55	55	70	90	105	155	185	205	255	280	345	420	mm
W	5	5	6	8	14	16	20	20	24	32	32	32	in
	130	130	160	200	350	400	500	500	600	800	800	800	mm
wt(kg)	2.3	3	4.5	7	9.5	15	19	33	93	160	200	280	RF
	1.8	2.8	3.7	6.2	8.5	14	21	35	98	170	225	295	BW

Dimensional datas of ANSI Class 300#

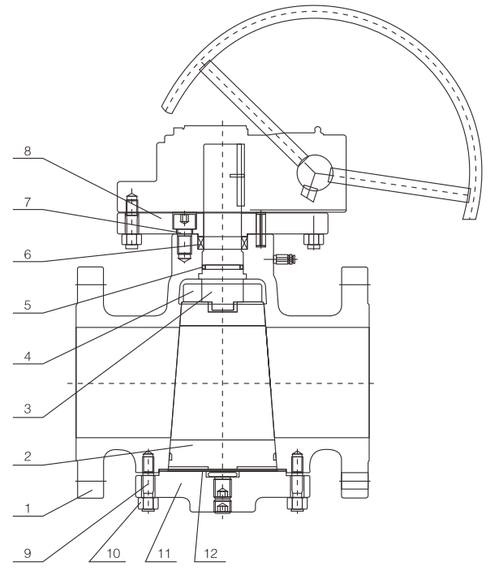
NPS / DN	1/2 / 15	3/4 / 20	1 / 25	1 1/2 / 40	2 / 50	2 1/2 / 65	3 / 80	4 / 100	6 / 150	8 / 200	10 / 250	12 / 300	
L (RF)	5.50	6.00	6.50	7.50	8.50	9.50	11.12	12.00	15.88	19.75	22.38	25.50	in
	140	152	165	190	216	241	283	305	403	502	568	648	mm
L1 (BW)	5.50	6.00	6.50	7.50	8.50	9.50	11.12	12.00	18.00	20.50	22.00	25.00	in
	140	152	165	190	216	241	283	305	457	521	559	635	mm
H	2.12	2.12	2.75	3.50	4.12	6.12	7.25	8.00	10.00	11.00	13.50	16.50	in
	55	55	70	90	105	153	187	206	255	280	345	420	mm
W	5	5	6	8	14	16	20	20	24	32	32	32	in
	130	130	160	200	350	400	500	500	600	800	800	800	mm
wt(kg)	2.5	3.5	5.5	10.5	14.5	23.5	30	55	118	200	250	330	RF
	1.8	2	3.2	5.5	8.7	15	18	36	85	152	182	232	BW

Dimensional datas of ANSI Class 600#

NPS / DN	1/2 / 15	3/4 / 20	1 / 25	1 1/2 / 40	2 / 50	2 1/2 / 65	3 / 80	4 / 100	6 / 150	8 / 200	10 / 250	12 / 300	
L/L1 (RF/BW)	6.50	7.50	8.50	9.50	11.50	13.00	14.00	17.00	22.00	–	–	–	in
	165	190	216	241	292	330	356	432	559	–	–	–	mm
L2 (RTJ)	–	–	–	–	11.62	13.12	14.12	17.12	22.12	–	–	–	in
	–	–	–	–	295	333	359	435	562	–	–	–	mm
H	2.38	2.38	3.00	4.00	4.75	6.88	8.38	9.25	11.38	–	–	–	in
	61.5	61.5	78	101	120	174	212	234	289	–	–	–	mm
W	5	6	8	14	16	20	24	24	32	–	–	–	in
	130	160	200	350	400	500	600	600	800	–	–	–	mm
wt(kg)	3.3	4.5	7.2	13.5	19	31	39	71	153	–	–	–	RF/RTJ
	2.6	3.1	4.8	8	3	22	27	53	120	–	–	–	BW

Materials of Parts

No	Part Name	ASTM Materials		
1	Body	B148 C95800	B148 C95500	B148 C95200
2	Cock body	B148 C95800	B148 C95500	B148 C95200
3	Stem	B148 C95800	B148 C95500	B148 C95200
4	Lower cover	B148 C95800	B148 C95500	B148 C95200
5	O-ring	Viton/NBR		
6	Stud	A193 -B8M	A193 -B8M	A193 -B8M
7	Nut	A194 -8M	A194 -8M	A194 -8M
8	Gasket	316+ Graphite		

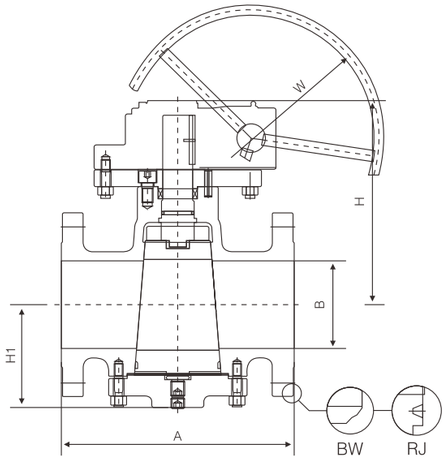


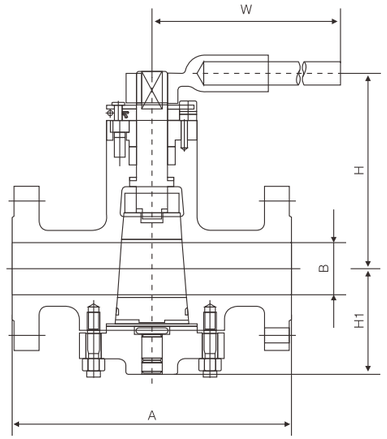
Applicable Standards:

- DESIGN & MANUFACTURE CONFORM WITH : API 6D/ISO 14313、ASME B16.34
- CONNECTION DIMENSION CONFORMS WTIH : ASME B16.5、DIN EN 1092
- FIRE RESISTANCE DESIGN CONFORMS WITH : API 607/ISO 10497
- INSPECTION & TEST CONFORMS WITH : API 6D、ISO 5208、API 598
- MATERIAL CONFORMS WITH : ISO 15156

Sedelon

Bronze Plug Valve
Pressure Balanced
150# 300#





Dimensional datas

NPS inch	DN	A mm	B mm	H mm	H1 mm	W mm	M(RF) kg	T N.m	NPS inch	DN	A mm	B mm	H mm	H1 mm	W mm	M(RF) kg	T N.m
Short Series Type ANSI Class 150#									Venturi Type ANSI Class 150#								
2	50	178	51	175	106	350	18	98	★10	250	533	252	420	255	600	375	2166
3	80	203	76	190	127	600	31	180	★12	300	610	303	492	316	600	420	3199
4	100	229	102	214	158	700	50	302	★14	350	686	334	498	320	600	480	4849
★6	150	267	152	270	185	900	93	628	★16	400	762	385	645	368	700	590	6032
★8	200	292	201	370	220	600	250	2032	★18	450	864	436	687	426	760	713	9142
★10	250	330	252	420	250	600	330	2166	★20	500	914	487	742	477	760	880	12022
★12	300	356	303	490	310	600	360	3199	★24	600	1067	589	798	522	760	1203	19424

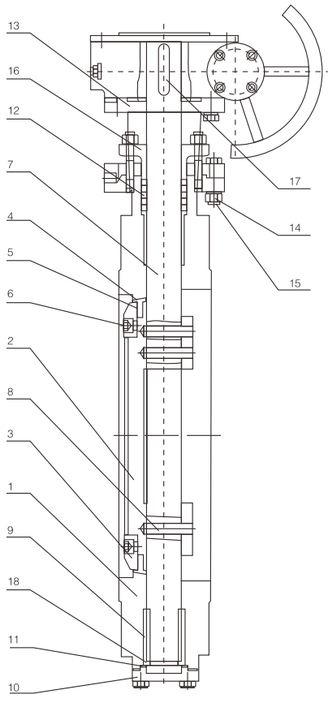
Dimensional datas

NPS inch	DN	A mm	B mm	H mm	H1 mm	W mm	M(RF) kg	T N.m	NPS inch	DN	A mm	B mm	H mm	H1 mm	W mm	M(RF) kg	T N.m
Short Series Type ANSI Class 300#									Venturi Type ANSI Class 300#								
2	50	216	51	184	108	500	25	172	6	150	403	152	307	200	900	144	1080
2½	70	241	62	190	115	550	33	198	★8	200	419	303	390	230	600	280	3208
3	80	283	76	195	137	600	40	218	★10	250	457	252	433	255	600	370	3258
4	100	305	102	265	168	700	70	536	★12	300	502	303	500	320	700	408	5202
★6	150	403	152	307	200	900	144	1080	★14	350	762	334	630	340	700	510	8486
★8	200	419	201	390	230	600	280	3208	★16	400	838	385	740	376	762	630	10696
★10	250	457	252	433	255	600	370	3258	★18	450	914	436	788	436	762	750	15940
★12	300	502	303	500	320	700	408	5202	★20	500	991	487	833	497	762	890	21040
									★24	600	1143	589	889	543	762	1035	24082

Note: ★Turbine drives

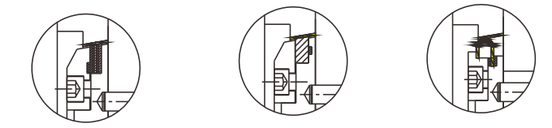
Sedelon

Bronze Butterfly Valve



Materials of Parts

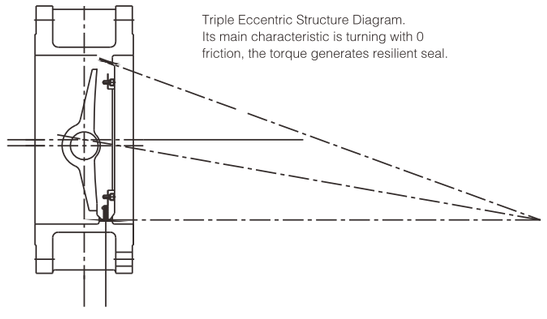
No	Part Name	ASTM Materials		
1	Body	B148 C95800	B148 C95500	B148 C95200
2	Disc	B148 C95800	B148 C95500	B148 C95200
3	Seat	B148 C95800	B148 C95500	B148 C95200
4	Stem	B148 C95800	B148 C95500	B148 C95200
5	Ring	B148 C95800	B148 C95500	B148 C95200
6	Bolt	A193 –B8M	A193 –B8M	A193 –B8M
7	Nut	A194 –8M	A194 –8M	A194 –8M
8	Clamp	Stainless steel series		
9	Bushing sleeve	316		
10	Gasket	316+ Graphite	316+ Graphite	316+ Graphite
11	Packing	Graphite		



Multiple arrangement metal hard sealed structure

metal resilient sealed structure

U metal sealed structure



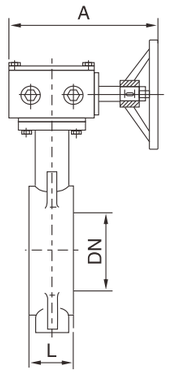
Triple Eccentric Structure Diagram.
Its main characteristic is turning with 0 friction, the torque generates resilient seal.

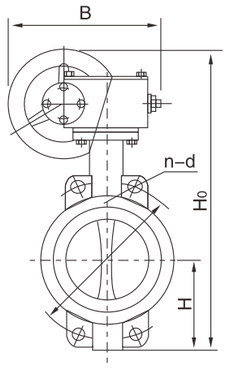
Applicable Standards:

- DESIGN & MANUFACTURE：API609、MSS SP-67
- CONNECTION DIMENSION：ASME B16.5、ASME B16.47
- STRUCTURE & LENGTH：API 609、MSS SP-67、ISO 5752
- INSPECTION & TES：ISO 5208、API 598

Sedelon

Bronze Butterfly Valve
150# 300# 600#





Dimensional datas

NPS inch	DN	L mm	L1 mm	H1 mm	H mm	W mm	MT(Wafer) kg	T N.m	NPS inch	DN	L mm	L1 mm	H1 mm	H mm	W mm	MT(Wafer) kg	T N.m
ANSI Class 150#																	
2	50	43	108	112	225	220	10	55	★16	400	102	216	352	540	600	160	4128
3	80	48	114	126	255	270	12	226	★18	450	114	222	386	585	600	200	5511
4	100	54	127	146	285	270	16	325	★20	500	127	229	415	642	600	270	7190
★6	150	57	140	170	332	360	25	615	★24	600	154	267	482	693	600	420	7814
★8	200	64	152	218	386	300	36	902	★30	750	165	318	622	868	600	700	16450
★10	250	71	165	245	427	300	60	1278	★36	900	200	330	673	1000	700	1050	23501
★12	300	81	178	290	498	500	80	2628	★42	1050	251	410	755	1058	700	1500	31963
★14		92	190	316	510	500	120	3276	★48	1200	276	470	866	1278	700	1845	47000

Dimensional datas

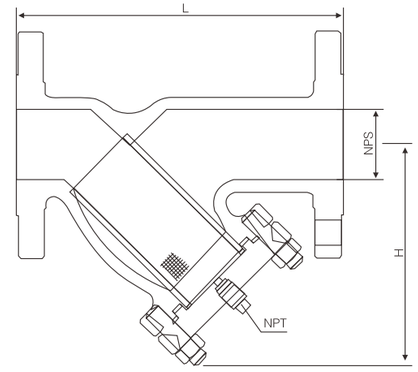
NPS inch	DN	L mm	L1 mm	H1 mm	H mm	W mm	MT(Wafer) kg	T N.m	NPS inch	DN	L mm	L1 mm	H1 mm	H mm	W mm	MT(Wafer) kg	T N.m
ANSI Class 300#																	
–	50	–	–	–	–	–	–	–	★16	400	133	216	392	582	600	185	8152
3	80	48	114	130	265	270	15	352	★18	450	149	222	420	651	600	230	10223
4	100	54	127	150	290	270	19	514	★20	500	159	229	465	704	600	330	13469
★6	150	59	140	185	355	300	35	1073	★24	600	181	267	532	780	600	460	22827
★8	200	73	152	236	418	500	42	1954	★30	750	–	318	642	908	700	1280	39726
★10	250	83	165	273	456	500	68	2453	★36	900	–	330	703	1108	700	2150	63452
★12	300	92	178	313	498	600	88	3260	★42	1050	–	410	785	1258	700	3150	85326
★14		117	190	338	547	600	144	5405	★48	1200	–	470	906	1478	1000	4885	126742

Dimensional datas

NPS inch	DN	L mm	L1 mm	H1 mm	H mm	W mm	MT(Wafer) kg	T N.m	NPS inch	DN	L mm	L1 mm	H1 mm	H mm	W mm	MT(Wafer) kg	T N.m
ANSI Class 600#																	
–	–	–	–	–	–	–	–	–	★12	300	140	270	378	690	600	398	14236
3	80	54	180	152	305	270	38	575	★14	350	155	290	412	715	600	535	16947
4	100	64	190	193	338	360	58	1043	★16	400	178	310	450	823	600	780	20473
★6	150	78	210	248	416	500	120	3673	★18	450	200	330	512	897	600	898	25218
★8	200	102	230	295	490	600	154	4520	★20	500	216	350	563	1094	700	1266	31861
★10	250	117	250	342	580	600	297	7061	★24	600	232	390	622	1186	700	1622	46095

Sedelon

Bronze Strainer
150# 300#



Dimensional datas

NPS	DN	L/L1 (RF/BW)		H		PLUG (NPT)	WT (KG)		L/L1 (RF/BW)		H		PLUG (NPT)	WT (KG)	
		ANSI Class 150#							ANSI Class 300#						
1/2	15	5.50	140	3.38	87	1/8	2.1	0.8	5.50	140	3.38	87	1/8	2.5	1.2
3/4	20	6.00	152	4.12	105	1/2	2.3	1.2	6.00	152	4.12	105	1/2	3.4	1.8
1	25	6.50	165	4.50	114	1/2	3.1	1.4	6.50	165	4.50	114	1/2	4.2	2.6
1½	40	8.00	203	6.12	156	1/2	6.2	3.7	8.00	203	6.12	156	1/2	8.6	4.8
2	50	9.00	229	7.12	181	1/2	9.7	6.7	9.00	229	7.12	181	1/2	11.12	8.2
2½	65	11.00	279	10.25	259	3/4	23.5	16.5	11.00	279	10.25	259	3/4	29	20
3	80	12.50	318	11.50	293	3/4	28	22	12.50	318	11.50	293	3/4	38	27
4	100	14.50	368	12.75	324	3/4	37	28	14.50	368	12.75	324	3/4	57	39
6	150	18.50	470	17.62	448	3/4	67	59	18.50	470	17.62	448	3/4	105	74
8	200	23.50	597	21.00	535	3/4	91	78	23.50	597	21.00	535	3/4	176	131
10	250	26.50	673	27.12	690	1	135	113	26.50	673	27.12	690	1	230	164
12	300	30.50	775	30.75	780	1	168	151	30.50	775	30.75	780	1	360	268
in	mm	in	mm	in	mm	in	RF	BW	in	mm	in	mm	in	RF	BW

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
ASTM Specification		Chemical Analysis										Mechanical Properties				
		C	Mn	Si	P	S	Cr	Ni	Mo	Cu	V	Tensile	Yield	Elongation	Reduction	Hardness
		Carbon	Manganese	Silicon	Phosphorus	Sulfur	Chromium	Nickel	Molybdenum	Copper	Vanadium	Mpa	Mpa	%	of area,%	HB
		Nominal or maximum,%										Min				Max
Cast steel																
Carbon steel	A216–WCA	0.25	0.70	0.60	0.040	0.045	0.50	0.50	0.20	0.30	0.03	415–585	205	24	35	–
	A216–WCB	0.30	1.00	0.60	0.040	0.045	0.50	0.50	0.20	0.30	0.03	485–655	250	22	35	–
	A216–WCC	0.25	1.20	0.60	0.040	0.045	0.50	0.50	0.20	0.30	0.03	485–655	275	22	35	–
Cast steel																
Chrome–molybdeum steel	A217–WC1	0.25	0.50–0.80	0.60	0.040	0.045	0.35	0.45–0.65	0.45–0.65	0.50	–	450–620	240	24	35	–
	A217–WC6	0.05–0.20	0.50–0.80	0.60	0.040	0.045	1.00–1.50	0.50	0.45–0.65	0.50	–	485–655	275	20	35	–
	A217–WC9	0.02–0.18	0.40–0.70	0.60	0.040	0.045	2.00–2.75	0.50	0.90–1.20	0.50	–	485–655	275	20	35	–
	A217–C5	0.20	0.40–0.70	0.75	0.040	0.045	4.00–6.50	0.50	0.45–0.65	0.50	–	620–795	415	18	35	–
	A217–C12	0.20	0.35–0.65	1.00	0.040	0.045	8.00–10.0	0.50	0.90–1.20	0.50	–	620–795	415	18	35	–
Cast steel																
Ni alloy steel	A494 M–35–1	0.35	1.50	1.25	0.030	0.030	–	Allowance	–	26.0–33.0	Fe ˇ 3.50	450	170	25	–	–
	A494 CW–6M	0.07	1.00	1.00	0.040	0.030	17.0–20.0	Allowance	17.0–20.0	–	Fe ˇ 3.00	495	275	25	–	–
	A494 CY–40	0.40	1.50	3.00	0.030	0.030	14.0–17.0	Allowance	–	–	Fe ˇ 11.0	185	195	30	–	–
Cast steel																
Stainless steel	A351–CF8	0.08	1.50	2.00	0.040	0.040	18.0–21.0	8.0–11.0	0.50	–	–	485	205	35	35	–
	A351–CF8M	0.08	1.50	1.50	0.040	0.040	18.0–21.0	9.0–12.0	2.0–3.0	–	–	485	205	30	30	–
	A351–CF3	0.03	1.50	2.00	0.040	0.040	17.0–21.0	8.0–12.0	0.50	–	–	485	205	35	35	–
	A351–CF3M	0.03	1.50	1.50	0.040	0.040	17.0–21.0	9.0–13.0	2.0–3.0	–	–	485	205	30	30	–
	A351–CN7M	0.07	1.50	1.50	0.040	0.040	19.0–22.0	27.5–30.5	2.0–3.0	3.0–4.0	–	450	170	35	35	–
Cast steel																
Carbon steel	A352–LCB	0.30	1.00	0.60	0.040	0.045	0.50	0.50	0.20	0.30	0.03	450–650	240	24	35	–
	A352–LCC	0.25	1.20	0.60	0.040	0.045	0.50	0.50	0.20	0.30	0.03	485–655	275	22	35	–
	A352–LC1	0.25	0.50–0.80	0.60	0.040	0.045	–	–	0.45–0.65	–	–	450–620	240	24	35	–
	A352–LC2	0.25	0.50–0.80	0.60	0.040	0.045	–	2.00–3.00	–	–	–	485–655	275	24	35	–
	A352–LC3	0.15	0.50–0.80	0.60	0.040	0.045	–	3.00–4.00	–	–	–	485–655	275	24	35	–
Forged steel																
Carbon steel	A105(N)	0.35	0.60–1.05	0.35	0.040	0.050	0.30	0.40	0.12	0.40	0.03	485	250	30	30	187
	A350–LF1	0.30	1.35	0.15–0.3	0.035	0.040	0.30	0.40	0.12	0.40	0.03	415–585	205	25	38	–
	A350–LF2	0.30	1.35	0.15–0.30	0.035	0.040	0.30	0.40	0.12	0.40	0.03	485–655	252	22	30	–
	A350–LF3	0.20	0.90	0.20–0.35	0.035	0.040	0.30	3.25–3.7	0.12	0.40	0.03	485–655	260	22	35	–
	A350–LF9	0.20	0.40–1.06	–	0.035	0.040	0.30	1.60–2.24	0.12	0.75–1.25	0.03	435–605	315	25	38	–
Forged steel																
Stainless steel	A182–F304	0.08	2.00	1.00	0.040	0.030	18.0–20.0	8.0–11.0	–	–	–	515	205	30	50	–
	A182–F316	0.08	2.00	1.00	0.040	0.030	16.0–18.0	10.0–14.0	2.0–3.0	–	–	515	205	30	50	–
	A182–F304L	0.03	2.00	1.00	0.045	0.030	18.0–20.0	8.0–13.0	–	–	–	485	170	30	50	–
	A182–F316L	0.03	2.00	1.00	0.045	0.030	16.0–18.0	10.0–15.0	2.0–3.0	–	–	485	170	30	50	–
Component part																
Trim	A276–304	0.08	2.00	1.00	0.045	0.030	18.0–20.0	8.0–10.5	–	–	–	515	205	40	50	–
	A276–316	0.05	2.00	1.00	0.045	0.030	16.0–18.0	10.0–14.0	2.0–3.0	–	–	485	170	40	50	–
	A276–410	0.15	1.00	1.00	0.040	0.030	11.5–13.5	–	–	–	–	480	275	20	45	–
	A276–420	0.15	1.00	1.00	0.040	0.030	12.0–14.0	–	–	–	–	–	–	–	–	241
	A182–F6A	0.15	1.00	1.00	0.040	0.030	11.5–13.5	0.50	–	–	–	585	380	18	35	167–229
Fastening piece																
Stud	A193–B7	0.37–0.49	0.65–1.10	1.5–0.35	0.035	0.040	0.75–1.20	–	0.15–0.25	–	–	860	720	16	50	–
	A193–B7M	0.37–0.49	0.65–1.10	0.15–0.35	0.035	0.040	0.75–1.20	–	0.15–0.25	–	–	690	550	18	50	235
	A193–B8	0.08	2.00	1.00	0.045	0.030	18.0–20.0	8.0–10.50	–	–	–	515	205	30	50	223
	A193–B8A	0.08	2.00	1.00	0.045	0.030	18.0–20.0	8.0–10.50	–	–	–	515	205	30	50	192
	A193–B8M	0.08	2.00	1.00	0.045	0.030	16.0–18.0	10.0–14.0	2.0–3.0	–	–	515	205	30	50	192
	A320–L7	0.38–0.48	0.75–1.00	0.15–0.35	0.035	0.040	0.80–1.10	–	0.15–0.25	–	–	860	725	16	50	–
Nut	A194–2H	ˇ 0.40	1.00	0.40	0.040	0.050	–	–	–	–	–	–	–	–	–	248–352
	A194–2HM	ˇ 0.40	1.00	0.40	0.040	0.050	–	–	–	–	–	–	–	–	–	159–237
	A194–7	0.37–0.49	0.65–1.00	0.15–0.35	0.040	0.040	0.75–1.20	–	0.15–0.25	–	–	–	–	–	–	248–352
	A197–8	0.08	2.00	1.00	0.045	0.030	18.0–1.20	8.0–10.5	–	–	–	–	–	–	–	126–300
	A194–8M	0.08	2.00	1.00	0.045	0.030	16.0–18.0	10.0–14.0	2.0–3.0	–	–	–	–	–	–	126–300

No of internal parts	Seat ring or body	Gate、disc、ball or body	Stem	No of internal parts	Seat ring or body	Gate、disc、ball or body	Stem
01	13Cr	13Cr	13Cr	31	STELLITE	321SS	321SS
02	304SS	304SS	304SS	32	STELLITE	STELLITE	321SS
03	310SS	310SS	310SS	33	347SS	347SS	347SS
04	HARD 13Cr	HARD 13Cr	13Cr	34	STELLITE	347SS	347SS
05	STELLITE	STELLITE	13Cr	35	NICKEL ALLOY	13Cr	13Cr
06	Cu–Ni	13Cr	13Cr	36	A105/PTFE	A105+ENP	A105+ENP
07	13Cr	HARD 13Cr	13Cr	37	A105/PTFE	WCB+ENP	A105+ENP
08	STELLITE	13Cr	13Cr	38	13Cr/PTFE	13Cr	13Cr
09	Cu–Ni	Cu–Ni	Cu–Ni	39	304SS/PTFE	304SS	304SS
10	316SS	316SS	316SS	40	316SS/PTFE	316SS	316SS
11	Cu–Ni	STELLITE	Cu–Ni	41	A105/RPTFE	A105+ENP	A105+ENP
12	STELLITE	316SS	316SS	42	A105/RPTFE	WCB+ENP	A105+ENP
13	ALLOY 20	ALLOY 20	ALLOY 20	43	13Cr/RPTFE	13Cr	13Cr
14	STELLITE	ALLOY 20	ALLOY 20	44	304SS/RPTFE	304SS	304SS
15	STELLITE	STELLITE	304SS	45	316SS/RPTFE	316SS	316SS
16	STELLITE	STELLITE	316SS	46	A105/NYLON	A105+ENP	A105+ENP
17	STELLITE	STELLITE	347SS	47	A105/NYLON	WCB+ENP	A105+ENP
18	STELLITE	STELLITE	ALLOY 20	48	A105/NYLON	304SS	304SS
19	MONEL	MONEL	MONEL	49	A105/NYLON	316SS	316SS
20	BRONZE	BRONZE	13Cr	50	13Cr/NYLON	13Cr	13Cr
21	HASTELLOY B	HASTELLOY B	HASTELLOY B	51	304SS/NYLON	304SS	304SS
22		HASTELLOY C	HASTELLOY C	52	316SS/NYLON	316SS	316SS
23	STELLITE	304SS	304SS	53	A105/PEEK	A105+ENP	A105+ENP
24	304LSS	304LSS	304LSS	54	A105/PEEK	WCB+ENP	A105+ENP
25	STELLITE	304LSS	304LSS	55	13Cr/PEEK	13Cr	13Cr
26	STELLITE	STELLITE	304LSS	56	304SS/PEEK	304SS	304SS
27	316LSS	316LSS	316LSS	57	316SS/PEEK	316SS	316SS
28	STELLITE	316LSS	316LSS				
29	STELLITE	STELLITE	316LSS				
30	321SS	321SS	321SS				

Note:please indicate it directly in the order for the internal part’smaterial uncovered in the table