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## Bronze Ball Valve



### Bronze Ball Valve

Compared with other material, Bronze valves are good choices for industries which require the following characteristics: Desalination and Highly corrosive environments. Sedelon manufactures different types of Bronze valves which are suitable for Chemical and Oil Industries, Sea Water Service, Desalination Plants, Off-Shore and Platforms.

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Sedelon® mainly produces Bronze valves according to the standard of API 600. We call them API 600 Bronze valves. According to different design standards, Sedelon® provides you DIN Bronze valves as well, for example, DIN Bronze Globe valves.

The characteristics of the Sedelon Bronze valves are of corrosion resistance, oxidation resistance, electric resistance and clean sanitation. These features make Bronze valves special and incomparable to other metal material valves.

Bronze Ball valves are excellent choices for opening and shut-off, especially meet the requirements for subsea applications.

### Application

Face to Face Dimensions: ANSI B16.10

Flange end Dimension : ANSI B16.5

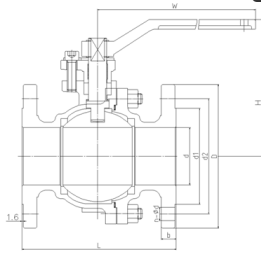
Butt Welded Dimensions : ANSI B16.25

Design and Manufacture : API 6D

Pressure Test : API 598

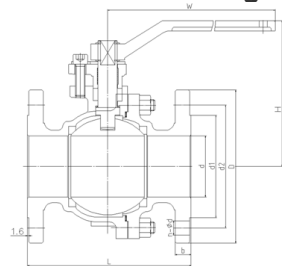
Materials : C95800, C95500, C95200, C95300, C95600, C61900, C63200, ect.

### Class150 BronzeFloating Ball Valve



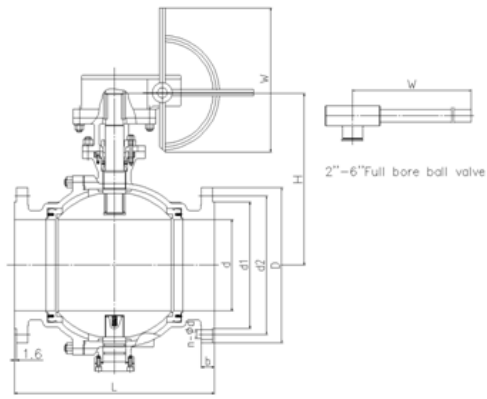
NPS	in	2	2 1/2	3	4	5	6	8	10
d	mm	51	64	76	102	127	152	203	254
L(RF)	mm	178	190	203	229	356	394	457	533
d1	mm	92	105	127	157	186	216	270	324
d2	mm	120.5	139.5	152.5	190.5	216	241.5	298.5	362
D	mm	152	178	190	229	254	279	343	406
b	mm	16	18	19	24	24	26	29	31
n-Φd	mm	4-19	4-19	4-19	8-19	8-22	8-22	8-22	12-25
H	mm	110	130	150	180	220	270	340	350
W	mm	200	290	290	360	600	800	1000	1200

### Class300 BronzeFloating Ball Valve



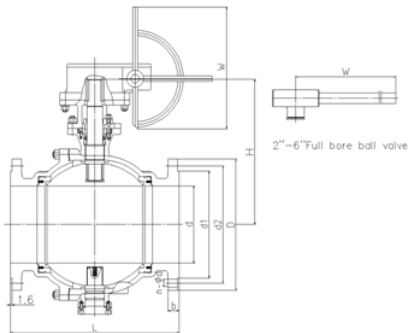
NPS	in	2	2 1/2	3	4	5	6	8
d	mm	51	64	76	102	127	152	203
L(RF)	mm	216	241	283	305	381	403	502
d1	mm	92	105	127	157	186	216	270
d2	mm	127	149	168.5	200	235	270	330
D	mm	165	190	210	254	279	318	381
b	mm	23	26	29	32	35	37	42
n-Φd	mm	8-19	8-22	8-22	8-22	8-22	12-22	12-25
H	mm	140	160	180	208	220	290	300
W	mm	200	290	290	360	600	800	1000

### Class150 BronzeFixed Ball Valve



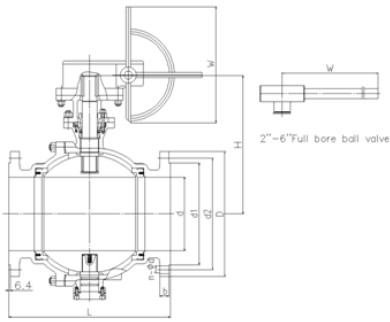
NPS	in	2	2 1/2	3	4	6	8	10	12	14	16	18	20	24
d	mm	51	64	76	102	152	203	254	305	337	387	438	489	591
L(RF)	mm	178	190	203	229	394	457	533	610	686	762	864	914	1016
d1	mm	92	105	127	157	216	270	324	381	413	470	533	584	692
d2	mm	120.5	139.5	152.5	190.5	241.5	298.5	362	432	476	540	578	635	749.5
D	mm	152	178	190	229	279	343	406	483	533	597	635	699	813
b	mm	16	18	19	24	26	29	31	32	35	37	40	43	48
n-Φd	mm	4-19	4-19	4-19	8-19	8-22	8-22	12-25	12-25	12-29	16-29	16-32	20-32	20-35
H	mm	176	200	215	252	330	448	505	556	620	700	750	805	1110
W	mm	350	400	400	500	1000	300	350	400	500	500	500	500	500

**Class300 BronzeFixedBall Valve**



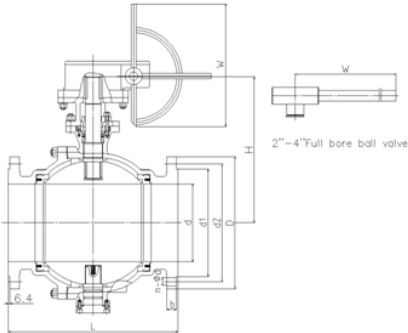
NPS	in	2	2 1/2	3	4	6	8	10	12	14	16	18	20	24
d	mm	51	64	76	102	152	203	254	305	337	387	432	483	584
L(RF)	mm	216	241	283	305	403	502	568	648	762	838	914	991	1143
d1	mm	92	105	127	157	216	270	324	381	413	470	533	584	692
d2	mm	127	149	168.5	200	270	330	387.5	451	514.5	571.5	628.5	686	813
D	mm	165	190	210	254	318	381	445	521	584	648	711	775	914
b	mm	23	26	29	32	37	42	48	51	54	58	61	64	70
n-Φd	mm	8-19	8-22	8-22	8-22	12-22	12-25	16-29	16-32	20-32	20-35	24-35	24-35	24-41
H	mm	176	200	215	252	330	448	505	556	620	700	750	805	1110
W	mm	350	400	400	500	1000	300	350	400	500	500	500	500	500

**Class600 BronzeFixed ball valve Ball Valve**



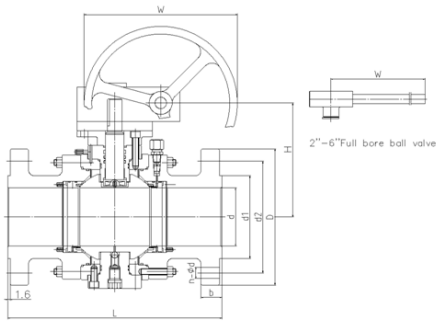
NPS	in	2	3	4	5	6	8	10	12	14	16	18	20	24
d	mm	51	76	102	127	152	200	248	298	327	375	419	464	559
L(RF)	mm	292	356	432	508	559	660	787	838	889	991	1092	1194	1397
d1	mm	92	127	157	186	216	270	324	381	413	470	533	584	692
d2	mm	127	168.5	216	267	292	349	432	489	527	603	654	724	838
D	mm	165	210	273	330	356	419	508	559	603	686	743	813	940
b	mm	26	32	38	45	48	56	64	67	70	77	83	89	102
n-Φd	mm	8-19	8-22	8-25	8-29	12-29	12-32	16-35	20-35	20-38	20-41	20-44	24-44	24-52
H	mm	192	279	315	320	323	381	518	568	665	730	795	825	973
W	mm	600	1000	1500	1500	1500	500	500	500	500	500	500	500	500

**Class900 BronzeFixed Ball Valve**



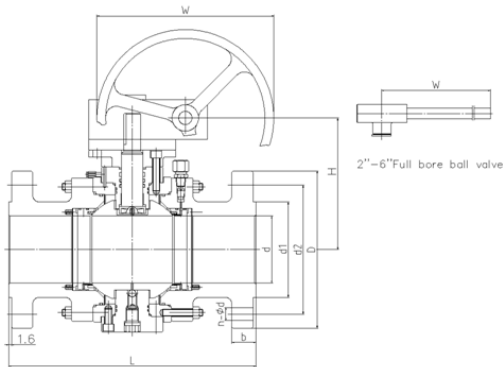
NPS	in	2	3	4	5	6	8	10	12	14	16	18	20	24
d	mm	47	73	98	121	146	190	234	282	311	354	400	444	533
L(RF)	mm	368	381	457	559	610	737	838	965	1029	1130	1219	1321	1549
L(RTJ)	mm	371	384	460	562	613	740	841	968	1039	1140	1232	1334	1568
d1	mm	92	127	157	186	216	270	324	381	413	470	533	584	692
d2	mm	165	190.5	235	279.4	317.5	393.7	469.9	533.4	558.8	615.9	685.8	749.3	901.7
D	mm	216	241	292	349	381	470	545	610	640	705	785	855	1040
b	mm	38.5	38.5	44.5	51	56	64	70	79.5	86	89	102	108	140
n-Φd	mm	8-26	8-26	8-32	8-35	12-32	12-39	16-39	20-39	20-42	20-45	20-51	20-54	20-67
H	mm	192	279	315	320	323	381	518	568	665	730	795	825	973
W	mm	600	1000	1500	1500	500	500	500	500	500	500	500	500	500

**Class150 BronzeForged Ball Valve**



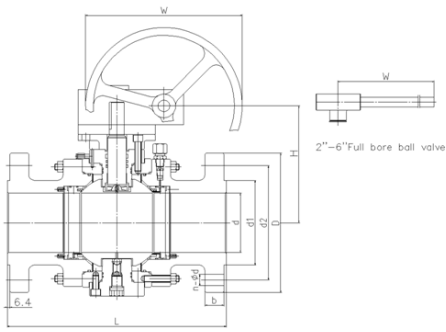
NPS	in	2	2 1/2	3	4	6	8	10	12	14	16	18	20	24
d	mm	51	64	76	102	152	203	254	305	337	387	438	489	591
L(RF)	mm	178	190	203	229	394	457	533	610	686	762	864	914	1016
d1	mm	92	105	127	157	216	270	324	381	413	470	533	584	692
d2	mm	120.5	139.5	152.5	190.5	241.5	298.5	362	432	476	540	578	635	749.5
D	mm	152	178	190	229	279	343	406	483	533	597	635	699	813
b	mm	16	18	19	24	26	29	31	32	35	37	40	43	48
n-Φd	mm	4-19	4-19	4-19	8-19	8-22	8-22	12-25	12-25	12-29	16-29	16-32	20-32	20-35
H	mm	176	200	215	252	330	448	505	556	620	700	750	805	1110
W	mm	350	400	400	500	1000	300	350	400	500	500	500	500	500

**Class 300 Bronze Forged Ball Valve**



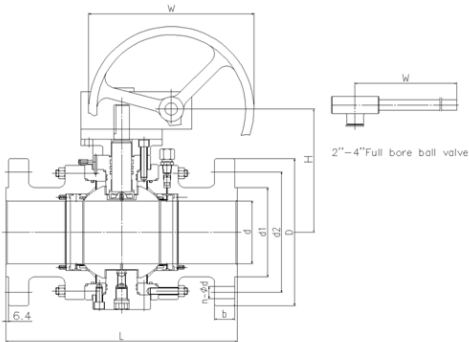
NPS	in	2	2 1/2	3	4	6	8	10	12	14	16	18	20	24
d	mm	51	64	76	102	152	203	254	305	337	387	432	483	584
L(RF)	mm	216	241	283	305	403	502	568	648	762	838	914	991	1143
d1	mm	92	105	127	157	216	270	324	381	413	470	533	584	692
d2	mm	127	149	168.5	200	270	330	387.5	451	514.5	571.5	628.5	686	813
D	mm	165	190	210	254	318	381	445	521	584	648	711	775	914
b	mm	23	26	29	32	37	42	48	51	54	58	61	64	70
n-Φd	mm	8-19	8-22	8-22	8-22	12-22	12-25	16-29	16-32	20-32	20-35	24-35	24-35	24-41
H	mm	176	200	215	252	330	448	505	556	620	700	750	805	1110
W	mm	350	400	400	500	1000	300	350	400	500	500	500	500	500

**Class 600 Bronze Forged Ball Valve**



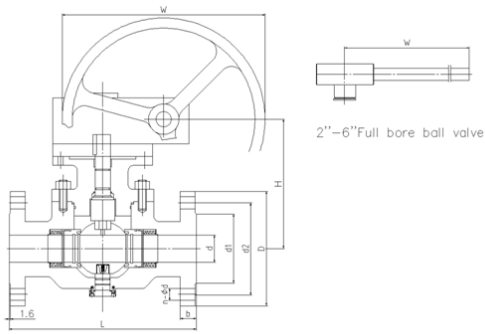
NPS	in	2	3	4	5	6	8	10	12	14	16	18	20	24
d	mm	51	76	102	127	152	200	248	298	327	375	419	464	559
L(RF)	mm	292	356	432	508	559	660	787	838	889	991	1092	1194	1397
d1	mm	92	127	157	186	216	270	324	381	413	470	533	584	692
d2	mm	127	168.5	216	267	292	349	432	489	527	603	654	724	838
D	mm	165	210	273	330	356	419	508	559	603	686	743	813	940
b	mm	26	32	38	45	48	56	64	67	70	77	83	89	102
n-Φd	mm	8-19	8-22	8-25	8-29	12-29	12-32	16-35	20-35	20-38	20-41	20-44	24-44	24-52
H	mm	192	279	315	320	323	381	518	568	665	730	795	825	973
W	mm	600	1000	1500	1500	1500	500	500	500	500	500	500	500	500

**Class900 BronzeForged Ball Valve**



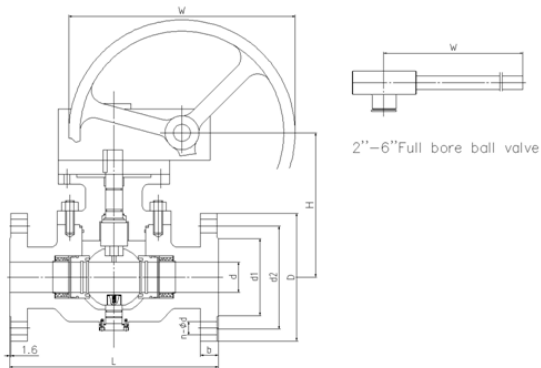
NPS	in	2	3	4	5	6	8	10	12	14	16	18	20	24
d	mm	47	73	98	121	146	190	234	282	311	354	400	444	533
L(RF)	mm	368	381	457	559	610	737	838	965	1029	1130	1219	1321	1549
L(RTJ)	mm	371	384	460	562	613	740	841	968	1039	1140	1232	1334	1568
d1	mm	92	127	157	186	216	270	324	381	413	470	533	584	692
d2	mm	165	190.5	235	279.4	317.5	393.7	469.9	533.4	558.8	615.9	685.8	749.3	901.7
D	mm	216	241	292	349	381	470	545	610	640	705	785	855	1040
b	mm	38.5	38.5	44.5	51	56	64	70	79.5	86	89	102	108	140
n-Φd	mm	8-26	8-26	8-32	8-35	12-32	12-39	16-39	20-39	20-42	20-45	20-51	20-54	20-67
H	mm	192	279	315	320	323	381	518	568	665	730	795	825	973
W	mm	600	1000	1500	1500	500	500	500	500	500	500	500	500	500

**Class150 BronzeTop Entry Ball Valve**



NPS	in	6	8	10	12	14	16	18	20	24
d	mm	152	203	254	305	337	387	438	489	591
L(RF)	mm	394	457	533	610	686	762	864	914	1016
d1	mm	216	270	324	381	413	470	533	584	692
d2	mm	241.5	298.5	362	432	476	540	578	635	749.5
D	mm	279	343	406	483	533	597	635	699	813
b	mm	26	29	31	32	35	37	40	43	48
n-Φd	mm	8-22	8-22	12-25	12-25	12-29	16-29	16-32	20-32	20-35
H	mm	330	448	505	556	620	700	750	805	1110
W	mm	1000	300	350	400	500	500	500	500	500

**Class300 BronzeTop Entry Ball Valve**



NPS	in	6	8	10	12	14	16	18	20	24
d	mm	152	203	254	305	337	387	432	483	584
L(RF)	mm	403	502	568	648	762	838	914	991	1143
d1	mm	216	270	324	381	413	470	533	584	692
d2	mm	270	330	387.5	451	514.5	571.5	628.5	686	813
D	mm	318	381	445	521	584	648	711	775	914
b	mm	37	42	48	51	54	58	61	64	70
n-Φd	mm	12-22	12-25	16-29	16-32	20-32	20-35	24-35	24-35	24-41
H	mm	330	448	505	556	620	700	750	805	1110
W	mm	1000	300	350	400	500	500	500	500	500

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