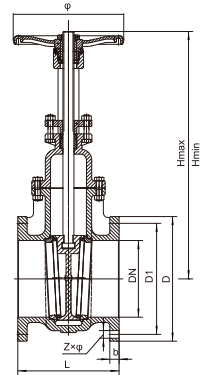


125LB OS & Y Gate Valve



Specifications

Basic standard
- Design and manufacture: MSS S -70 - Face to face: ANSI B16.10 - Flange end: ANSI B16.1 - Test: MSS SP-70
Feature
- Size: 2" -12" - Normal pressure(PSI): 125 - Suitable temperature: ≤200 °C - Seal test: 1.41 MPa - Shell test: 2.46 MPa - Suitable medium: water, gas, oil (Only SS trim)

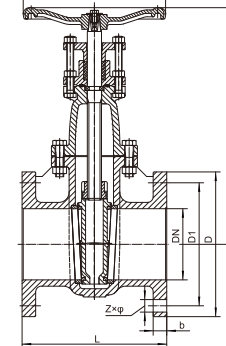
Main parts and materials

Part Name	Material
Body	ASTM A126 B
Body seal ring	Brass/Bronze/ss
Disc	ASTM A126 CL.B
Disc seal ring	Brass/Bronze/ss
Stem	Brass/SS

Dimensions

Size	DN	L	D	D1	b	Z×Φ	Hmin	Hmax	Φ
2"	50	178	152	120.5	15.9	4×Φ19	310	368	203
2½"	65	190	178	139.5	17.5	4×Φ19	339.5	413	203
3"	80	203	191	152.5	19.1	4×Φ19	377.7	464.7	203
4"	100	229	229	190.5	23.9	8×Φ19	434	554	254
5"	125	254	254	216	23.9	8×Φ22	481	617	254
6"	150	267	279	241.5	25.4	8×Φ22	545	705	305
8"	200	292	343	298.5	28.6	8×Φ22	715.6	930	355
10"	250	330	406	362	30.2	12×Φ25	827	1091	508
12"	300	356	483	432	31.8	12×Φ25	1003	1317	508

125LB Non Rising Stem Gate Valve



Specifications

Basic standard
- Design and manufacture: MSS SP-70 - Face to face: ANSI B16.10 - Flange end: ANSI B16.1 - Test: MSS SP-70
Feature
- Size: 2" -12" - Normal pressure(PSI): 125 - Seal test: 1.41 MPa - Shell test: 2.46 MPa - Suitable temperature: ≤100 °C - Suitable medium: water, steam

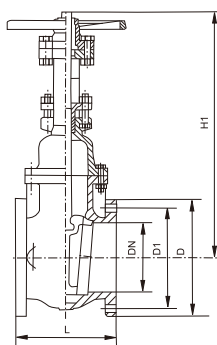
Main parts and materials

Part Name	Material
Body	ASTM A126 B
Body Seal Ring	Brass/ Bronze/SS
Disc Seal Ring	Brass/Bronze/SS
Disc	ASTM A126 B
Stem	Brass/SS

Dimensions

Size	DN	L	D	D1	b	Z×Φ	H	Φ
2"	50	178	152	120.5	15.9	4×Φ19	290.5	230
2½"	65	190	178	139.5	17.5	4×Φ19	317	230
3"	80	203	191	152.5	19.1	4×Φ19	342	203
4"	100	229	229	190.5	23.9	8×Φ19	395.5	254
5"	125	254	254	216	23.9	8×Φ22	438	254
6"	150	267	279	241.5	25.4	8×Φ22	493	305
8"	200	292	343	298.5	28.6	8×Φ22	299.5	355
10"	250	330	406	362	30.2	12×Φ25	748.5	508
12"	300	356	483	432	31.8	12×Φ25	840	508

250LB OS & Y Gate Valve



Specifications

Basic standard
- Design and manufacture: MSS SP-70 - Face to face: ANSI B16.10 - Flange end: ANSI B16.1
Feature
- Normal pressure(PSI): 250 - Seal test: 3.44 MPa - Shell test: 6.0 MPa

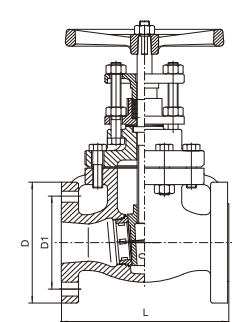
Main parts and materials

Part Name	Material
Body	ASTM A126 B
Body seal ring	Brass/Bronze/ss
Disc	ASTM A126 CL.B
Disc seal ring	Brass/Bronze/ss
Stem	Brass/SS

Dimensions

Size	DN	L	H1	H2	D	D1
2"	50	215.9	382.5	320.5	165.1	127
2½"	65	241.3	423.9	349.25	190.5	149.35
3"	80	282.45	476.2	388.8	209.55	144.53
4"	100	304.8	595.3	482.6	254	200.15
6"	150	403.35	806.4	638	317.5	269.75
8"	200	419.1	1012.9	793.7	381	330.2
10"	250	457.2	1339.8	1060.4	444.5	387.3
12"	300	501.6	1524	1193.8	520.7	450.85

250LB Non Rising Stem Gate Valve



Specifications

Basic standard
- Design and manufacture: MSS SP-70 - Face to face: ANSI B16.10 - Flange end: ANSI B16.1
Feature
- Normal pressure(PSI): 250 - Seal test: 3.44 MPa - Strength: 6.0 MPa

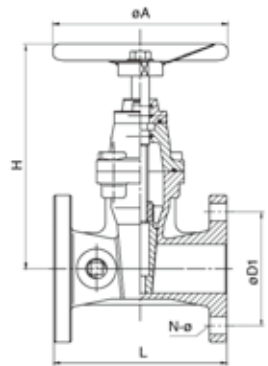
Main parts and materials

Part Name	Material
Body	ASTM A126 B
Body Seal Ring	Brass/ Bronze/SS
Disc Seal Ring	Brass/Bronze/SS
Disc	ASTM A126 B
Stem	Brass/SS

Dimensions

Size	L	H	D	D1
2"	50	215.9	165.1	127
2½"	65	241.3	190.5	149.35
3"	80	282.45	209.55	144.53
4"	100	304.8	254	200.15
6"	150	403.35	317.5	269.75
8"	200	419.1	381	330.2
10"	250	457.2	444.5	397.3
12"	300	501.6	520.7	450.85

AWWA/ANSI 250PSI Non-rising Stem Resilient Seated Gate Valve



Specifications

Basic standard
- Design : AWWA C515/C509 - Face to face : ANSI B 16.10 - Flanges : ASME B 16.42 - Hydraulic test to AWWA C509
Feature
- Seat test pressure :250 Psi - Shell test pressure :500 Psi - Operating torque test

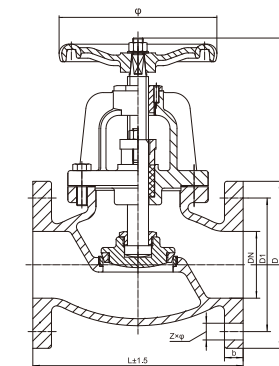
Main parts and materials

Part Name	Material
Body	ASTM A536 65-45-12
Stem	SS/Bronze/Brass
Disc	ASTM A536 65-45-12+EPDM

Dimensions

ITEM	SIZE	2-1/2"	3"	4"	5"	6"	8"	10"	12"
L		190	203	229	254	267	292	330	356
H		255	289	323	386	420	520	628	725
ΦD1		139.5	152.5	190.5	216	241.5	298.5	362	432
N-Φ		4-19	4-19	8-19	8-22	8-22	8-22	12-25	12-25
ΦA		220	250	280	300	350	380	450	450

125/250LB Globe Valve



Specifications

Basic standard
- Face to face: ASME B16.10 - Flange end: ASME/ANSI B16.1 - Test: MSS SP-70
Feature
- Normal pressure (PSI): 125/250 - Suitable temperature: ≤100 °C - Seal test: 1.41mpa/1.38MPa - Shell test: 2.46mpa/6.0MPa - Suitable medium: steam, water

Main parts and materials

Part Name	Material
Body	ASTM A126 B
Body Seal Ring	Brass/ Bronze/SS
Disc Seal Ring	Brass/Bronze/SS
Disc	ASTM A126 B
Stem	Bronze/Brass/SS

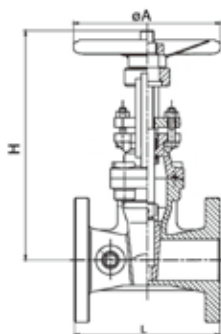
125LB Dimensions

Size	DN	L	D	D1	b	Z×Φ	Hmin	Hmax	Φ
2"	50	203	152	120.5	15.9	4×Φ19	231	248.8	180
2½"	65	216	178	139.5	17.5	4×Φ19	241.5	262.5	180
3"	80	241	191	152.5	19.1	4×Φ19	258.7	289.5	180
4"	100	292	229	190.5	23.9	8×Φ19	310.8	351.6	250
5"	125	330	254	216	23.9	8×Φ22	350.7	405	250
6"	150	356	279	241.5	25.4	8×Φ22	394.7	462.5	300
8"	200	495	343	298.5	28.6	8×Φ22	461.5	554.5	360
10"	250	622	406	362	30.2	12×Φ25	541	627.5	400

250LB Dimensions

Size	DN	L	D	D1
2"	50	266.7	165.1	106.43
2.5"	65	292.1	190.5	125.48
3"	80	317.5	209.55	144.53
4"	100	355.6	254	176.28
6"	150	444.5	317.5	246.13
8"	200	553.4	381	303.21

AWWA/ANSI 250PSI Rising Stem Resilient Seated Gate Valve



Specifications

Basic standard
- Design: AWWA C515/C509 - Face to face: ANSI B 16.10 - Flanges: ASME B 16.42 - Hydraulic test to AWWA C509
Feature
- Seat test pressure :250 Psi - Shell test pressure :500 Psi - Operating torque test

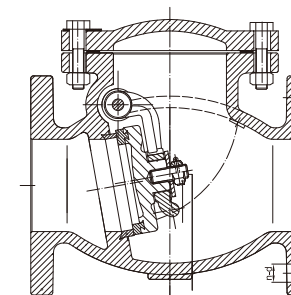
Main parts and materials

Part Name	Material
Body	ASTM A536 65-45-12
Stem	SS/Bronze/Brass
Disc	ASTM A536 65-45-12+EPDM

Dimensions

ITEM	SIZE	2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"
L		178	190	203	229	254	267	292	330	356
H		280	310	370	428	532	590	735	908	1150
ΦA		180	220	250	280	300	350	380	450	450

125LB Swing Check Valve



Specifications

Basic standard
- Face to face: ANSI B16.10 - Flange end: ANSI B16.1 - Test: MSS SP-71
Feature
- Normal pressure (PSI): 125 - Suitable medium: water, oil, steam - Seal test: 1.37MPa - Shell test: 2.4MPa

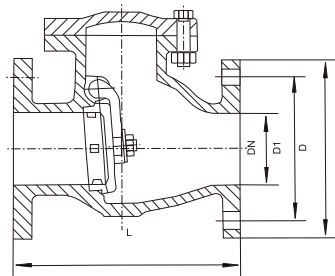
Main parts and materials

Part Name	Material
Body	ASTM A126 B
Body Seal Ring	Brass/ Bronze/SS
Disc Seal Ring	Brass/Bronze/SS
Disc	ASTM A126 B
Shaft	SS

Dimensions

Size	L	DK	D	b	n-d	H
2"	203.2	121	152	15.9	4-19	113
2½"	215.9	140	178	17.5	4-19	133
3"	241.3	152.5	190	19	4-19	144
4"	292	190.5	228.6	24	8-19	168
5"	330.2	215.9	254	23.4	8-22	198
6"	355.6	241	279.4	25.4	8-22	217
8"	495	298.5	343	30	8-22	261
10"	622	362	406.4	31	12-25	287
12"	698.5	432	483	31.8	12-25	319
14"	787	476	533	35	12-29	443
16"	914	540	597	36.6	16-29	595.5

250LB Swing Check Valve



Specifications

Basic standard
- Face to face: ASME B16.10 - Flange end: ANSI B16.1 - Test: MSS SP-71
Feature
- Normal pressure (PSI): 250 - Seal test: 3.44 MPa - Shell test: 6.0 MPa

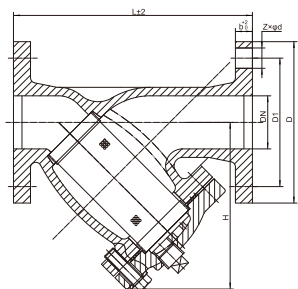
Main parts and materials

Part Name	Material
Body	ASTM A126 B
Body Seal Ring	Brass/ Bronze/SS
Disc Seal Ring	Brass/Bronze/SS
Disc	ASTM A126 B
Shaft	SS

Dimensions

Size	DN	L	D	D1
2"	50	266.7	165.1	106.43
2½"	65	292.1	190.5	125.48
3"	80	317.5	209.55	144.53
4"	100	355.6	254	176.28
6"	150	444.5	317.5	246.13
8"	200	553.4	381	303.21

ANSI 125LB Strainer



Specifications

Basic standard
Flange end: ANSI B16.1
Feature
- Normal pressure (PSI): 125 - Shell test: 2.4 MPa - Suitable temperature: -10-200°C - Suitable medium: water, oil, steam

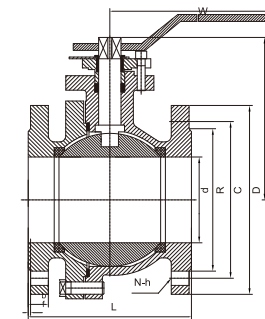
Main parts and materials

Part Name	Material
Body	ASTM A126 CL.B
Screen	SS304
Bonnet	ASTM A126 CL.B
Plug	ASTM 1035

Dimensions

Size	L	D	D1	b	Z×Φd	H
2"	223	152	121	16	4×Φ19.1	163
2½"	273	178	139.5	17.5	4×Φ19.1	194
3"	292	190	152.5	19.1	4×Φ19.1	216.5
4"	352	228	190.5	24	8×Φ19.1	270
5"	416	254	215.9	24	8×Φ22.4	321
6"	470	279	241.5	25.4	8×Φ22.4	373
8"	543	342	298.5	28.5	8×Φ22.4	450
10"	660	406	362	30	12×Φ25.4	527
12"	762	483	432	31.8	12×Φ25.4	607.5

ANSI Ball Valve



Specifications

Basic standard
- Design and manufacture: ANSI B16.1 - Face to face: ANSI 16.10 - Flange end: ANSI 16.1 - Test: API598
Feature
- Normal pressure (PSI): 125 - Seal test: 1.38 MPa - Shell test: 2.41 MPa

Main parts and materials

Part Name	Material
Body	Cast Iron ASTM A126CL.B
Stem	Stainless steel 2Cr13
Ball	Stainless steel 304
Seat	PTFE

Dimensions

Size	d	L	D	C	R	b	N-h	f	H	W
½"	15	108	89	60.5	35	9.7	4-Φ16	1.6	78	130
¾"	20	117	98.6	70	43	10.5	4-Φ16	1.6	113	160
1"	25	127	108	79.5	51	11.2	4-Φ16	1.6	107	160
1¼"	32	140	117	89	63.5	12.7	4-Φ16	1.6	113	160
1½"	40	165	127	98.5	73.2	14.2	4-Φ16	1.6	130	250
2"	50	178	152	120.5	92	15.9	4-Φ19	1.6	146	250
2½"	65	190	178	139.5	104.7	17.5	4-Φ19	1.6	176	350
3"	80	203	191	152.5	127	19.1	4-Φ19	1.6	222	350
4"	100	229	229	190.5	157.2	23.9	8-Φ16	1.6	222	400
5"	125	356	254	216	186	24	8-Φ22	1.6	250	600
6"	150	394	279	241.5	216	25.4	8-Φ22	1.6	275	600
8"	200	457	343	298.5	270	28.5	8-Φ22	1.6		