

BUTTERFLY VALVES, LUG TYPE

Model: SDBV-LTEC-175

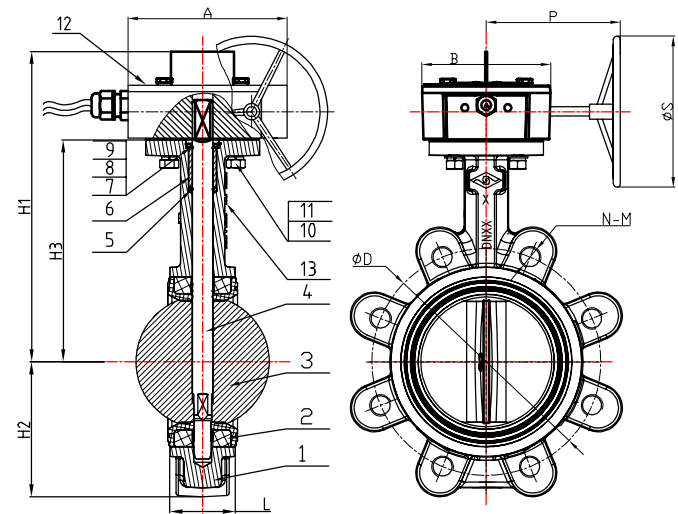
Model: SDBV-LEC-175 (Without Tamper Switch)

- Design Standard: MSS SP-67
- Face to Face Dimension: ISO 5752
- Connection Ends: ASME B16.1 CL 125, ASME B16.5 CL 150
- Top Flange Standard: ISO 5211
- With integrated tamper switch
- Working Pressure: 175 PSI
- Test Pressure: 350 PSI
- Temperature Range: 0°C - 80°C
- Coating: Fusion Bonded Epoxy Coating in accordance with ANSI/AWWA C550



MATERIAL SPECIFICATION

Part No.	Part	Standard Specification
1	Valve Body	ASTM A536, 65-45-12
2	Seat	EPDM
3	Disc	ASTM A536, 65-45-12
4	Stem	AISI 420
5	O-Ring	NBR
6	Bushing	PTFE
7	Circlip for Shaft	Spring Steel, 65MN
8	Retaining Plate	AISI 420
9	Circlip for Hole	Spring Steel, 65MN
10	Hexbolt	Carbon Steel Zinc Plated
11	Spring Washer	Spring Steel, 65MN
12	Gear Box	ASTM A536, 65-45-12
13	Name Plate	Stainless Steel Plate



DN		Dimensions									
Inch	mm	A	B	P	S	H1	H2	H3	L	N - M	Φ D
2"	50	147	113	151.5	150	248.5	64.5	140.5	43	4 - 5/8	120.7
2.5"	65	147	113	151.5	150	261	72	153	46	4 - 5/8	139.7
3"	80	147	113	151.5	150	265.5	86	157.5	46	4 - 5/8	152.4
4"	100	147	113	151.5	150	284	100	176	52	8 - 5/8	190.5
5"	125	147	113	151.5	150	299	112	191	56	8 - 3/4	215.9
6"	150	147	113	151.5	150	310.5	128	202.5	56	8 - 3/4	241.3
8"	200	184	150	223	200	364.5	162	243.5	60	8 - 3/4	298.5
10"	250	184	355	223	200	394	194	273	68	12 - 7/8	362
12"	300	184	410	224	250	432	223	311	78	12 - 7/8	431.8

Unit : mm

BUTTERFLY VALVES, LUG TYPE

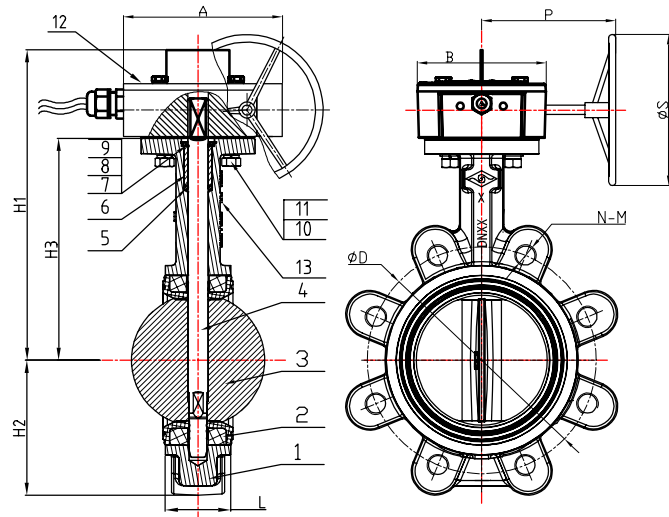
Model: SDBV-LTEC-200

Model: SDBV-LEC-200 (Without Tamper Switch)

- Design Standard: MSS SP-67
- Face to Face Dimension: ISO 5752
- Connection Ends: ASME B16.1 CL 125, ASME B16.5 CL 150
- Top Flange Standard: ISO 5211
- With integrated tamper switch
- Working Pressure: 200 PSI
- Test Pressure: 400 PSI
- Temperature Range: 0°C - 80°C
- Coating: Fusion Bonded Epoxy Coating in accordance with ANSI/AWWA C550

MATERIAL SPECIFICATION

Part No.	Part	Standard Specification
1	Valve Body	ASTM A536, 65-45-12
2	Seat	EPDM
3	Disc	ASTM A536, 65-45-12
4	Stem	AISI 420
5	O-Ring	NBR
6	Bushing	PTFE
7	Circlip for Shaft	Spring Steel, 65MN
8	Retaining Plate	AISI 420
9	Circlip for Hole	Spring Steel, 65MN
10	Hexbolt	Carbon Steel Zinc Plated
11	Spring Washer	Spring Steel, 65MN
12	Gear Box	ASTM A536, 65-45-12
13	Name Plate	Stainless Steel Plate



DN		Dimensions									
Inch	mm	A	B	P	S	H1	H2	H3	L	N - M	Φ D
2"	50	147	113	151.5	150	248.5	64.5	140.5	43	4 - 5/8	120.7
2.5"	65	147	113	151.5	150	261	72	153	46	4 - 5/8	139.7
3"	80	147	113	151.5	150	265.5	86	157.5	46	4 - 5/8	152.4
4"	100	147	113	151.5	150	284	100	176	52	8 - 5/8	190.5
5"	125	147	113	151.5	150	299	112	191	56	8 - 3/4	215.9
6"	150	147	113	151.5	150	310.5	128	202.5	56	8 - 3/4	241.3
8"	200	184	150	223	200	364.5	162	243.5	60	8 - 3/4	298.5
10"	250	184	355	223	200	394	194	273	68	12 - 7/8	362
12"	300	184	410	224	250	432	223	311	78	12 - 7/8	431.8

Unit : mm

BUTTERFLY VALVES, LUG TYPE

Model: SDBV-LTEC-250

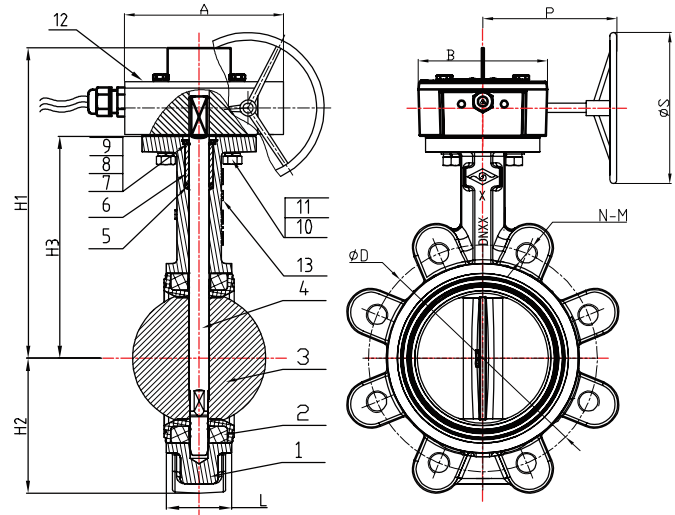
Model: SDBV-LEC-250 (Without Tamper Switch)

- Design Standard: MSS SP-67
- Face to Face Dimension: ISO 5752
- Connection Ends: ASME B16.1 CL 125, ASME B16.5 CL 150
- Top Flange Standard: ISO 5211
- With integrated tamper switch
- Working Pressure: 250 PSI
- Test Pressure: 500 PSI
- Temperature Range: 0°C - 80°C
- Coating: Fusion Bonded Epoxy Coating in accordance with ANSI/AWWA C550



MATERIAL SPECIFICATION

Part No.	Part	Standard Specification
1	Valve Body	ASTM A536, 65-45-12
2	Seat	EPDM
3	Disc	ASTM A536, 65-45-12
4	Stem	AISI 420
5	O-Ring	NBR
6	Bushing	PTFE
7	Circlip for Shaft	Spring Steel, 65MN
8	Retaining Plate	AISI 420
9	Circlip for Hole	Spring Steel, 65MN
10	Hexbolt	Carbon Steel Zinc Plated
11	Spring Washer	Spring Steel, 65MN
12	Gear Box	ASTM A536, 65-45-12
13	Name Plate	Stainless Steel Plate



DN		Dimensions									
Inch	mm	A	B	P	S	H1	H2	H3	L	N - M	Φ D
2"	50	147	113	151.5	150	248.5	64.5	140.5	43	4 - 5/8	120.7
2.5"	65	147	113	151.5	150	261	72	153	46	4 - 5/8	139.7
3"	80	147	113	151.5	150	265.5	86	157.5	46	4 - 5/8	152.4
4"	100	147	113	151.5	150	284	100	176	52	8 - 5/8	190.5
5"	125	147	113	151.5	150	299	112	191	56	8 - 3/4	215.9
6"	150	147	113	151.5	150	310.5	128	202.5	56	8 - 3/4	241.3
8"	200	184	150	223	200	364.5	162	243.5	60	8 - 3/4	298.5
10"	250	184	355	223	200	394	194	273	68	12 - 7/8	362
12"	300	184	410	224	250	432	223	311	78	12 - 7/8	431.8

Unit : mm

BUTTERFLY VALVES, LUG TYPE

Model: SDBV-LTEC-300

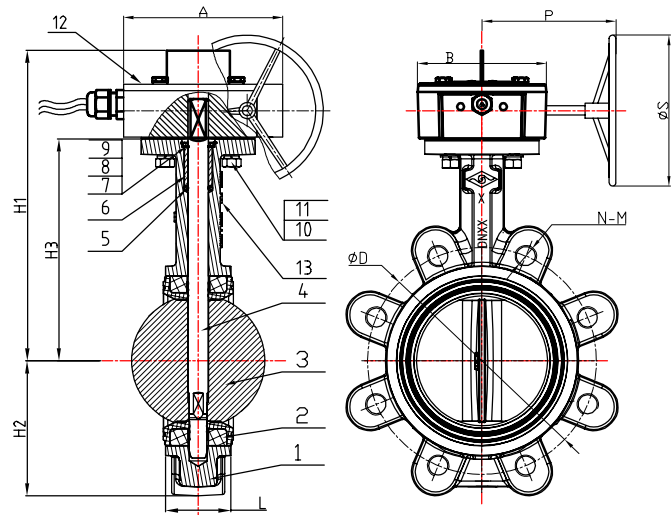
Model: SDBV-LEC-300 (Without Tamper Switch)

- Design Standard: MSS SP-67
- Face to Face Dimension: ISO 5752
- Connection Ends: ASME B16.1 CL 125, ASME B16.5 CL 150
- Top Flange Standard: ISO 5211
- With integrated tamper switch
- Working Pressure: 300 PSI
- Test Pressure: 600 PSI
- Temperature Range: 0°C - 80°C
- Coating: Fusion Bonded Epoxy Coating in accordance with ANSI/AWWA C550



MATERIAL SPECIFICATION

Part No.	Part	Standard Specification
1	Valve Body	ASTM A536, 65-45-12
2	Seat	EPDM
3	Disc	ASTM A536, 65-45-12
4	Stem	AISI 420
5	O-Ring	NBR
6	Bushing	PTFE
7	Circlip for Shaft	Spring Steel, 65MN
8	Retaining Plate	AISI 420
9	Circlip for Hole	Spring Steel, 65MN
10	Hexbolt	Carbon Steel Zinc Plated
11	Spring Washer	Spring Steel, 65MN
12	Gear Box	ASTM A536, 65-45-12
13	Name Plate	Stainless Steel Plate



DN		Dimensions									
Inch	mm	A	B	P	S	H1	H2	H3	L	N - M	Φ D
2"	50	147	113	151.5	150	248.5	64.5	140.5	43	4 - 5/8	120.7
2.5"	65	147	113	151.5	150	261	72	153	46	4 - 5/8	139.7
3"	80	147	113	151.5	150	265.5	86	157.5	46	4 - 5/8	152.4
4"	100	147	113	151.5	150	284	100	176	52	8 - 5/8	190.5
5"	125	147	113	151.5	150	299	112	191	56	8 - 3/4	215.9
6"	150	147	113	151.5	150	310.5	128	202.5	56	8 - 3/4	241.3
8"	200	184	150	223	200	364.5	162	243.5	60	8 - 3/4	298.5
10" *	250	184	355	223	200	394	194	273	68	12 - 7/8	362
12" *	300	184	410	224	250	432	223	311	78	12 - 7/8	431.8

* Non-Approved

Unit : mm