



- Valves conform to the standards and specifications:
1. Long valve structure in accordance with ISO 5752
 2. The valve test accord with UL1091 FM1112 300 psi / 300 psi.
 3. The valve connecting flange in accordance with BS EN 1092-2 PN16, ASME B16.42 CL150
 4. The body surface coated with epoxy
 5. Valve plate of A536 + EPDM
 6. Working pressure and working temperature: table 1

Table1

Packing	Working Pressure	Working temperature
EPDM	300 PSI	-10°C~120°C

DN	H1	H2	C	F	ØD	E	H3	ANSI150		A	ØD1	4-Ød	Ød0	b	L	L1
								PCD	N-M							
50	140.5	78	43	47.2	150	159	175.5	Ø120.7	4-5/8-11UNC	83	Ø70	4-Ø10	Ø15 ^{-0.05} _{-0.1}	11 ⁰ _{-0.11}	27	10
65	152.5	78	46	50.2	150	159	187.5	Ø139.7	4-5/8-11UNC	83	Ø70	4-Ø10	Ø15 ^{-0.05} _{-0.1}	11 ⁰ _{-0.11}	27	10
80	157.5	85	46	50.2	150	159	192.5	Ø152.4	4-5/8-11UNC	83	Ø70	4-Ø10	Ø15 ^{-0.05} _{-0.1}	11 ⁰ _{-0.11}	27	10
100	176	105	52	58	150	159	211	Ø190.5	8-5/8-11UNC	83	Ø70	4-Ø10	Ø17 ^{-0.05} _{-0.1}	13 ⁰ _{-0.11}	33	13
125	191	128	56	62	200	159	226	Ø215.9	8-3/4-10UNC	83	Ø70	4-Ø10	Ø20 ^{-0.05} _{-0.1}	14 ⁰ _{-0.11}	34	13
150	202.5	140	56	62	200	159	237.5	Ø241.3	8-3/4-10UNC	83	Ø70	4-Ø10	Ø20 ^{-0.05} _{-0.1}	14 ⁰ _{-0.11}	34	13
200	243.5	170	62	70	350	235	281	Ø298.5	8-3/4-10UNC	118	Ø125	4-Ø14	Ø25 ^{-0.05} _{-0.1}	18 ⁰ _{-0.13}	41	15
250	273	205	68	76	350	235	310.5	Ø362	12-7/8-9UNC	118	Ø125	4-Ø14	Ø25 ^{-0.05} _{-0.1}	18 ⁰ _{-0.13}	41	15
300	311	258	78	86	350	235	348.5	Ø431.8	12-7/8-9UNC	118	Ø125	4-Ø14	Ø25 ^{-0.05} _{-0.1}	18 ⁰ _{-0.13}	41	19

15	Pin	Galvanized Carbon Steel Surface Passivation
14	Washer	Galvanized Carbon Steel Surface Passivation
13	Spring Washer	Galvanized Carbon Steel Surface Passivation
12	Hexagon Head Bolts	Galvanized Carbon Steel Surface Passivation
11	Electrical Signals Worm Gear Box	
10	Plug	Galvanized Carbon Steel Surface Passivation
9	Adjust Washer	ASTM B150M C63000
8	Under Shaft	SS410
7	Disc	ASTM A536+EPDM
6	O-Ring	EPDM
5	Top Shaft	SS410
4	Bushing	ASTM B150M C63000
3	Phillips Countersunk Head Screw	Galvanized Carbon Steel Surface Passivation
2	Gland	ASTM A570 Gr.A
1	Body	ASTM A536
NO.	Name	Material

Manufacture/Supplier:

SHOP DRAWING

FIG NO. L-3000

SENTRY SPRINKLERS

REV.	BY	APP.	Description	Date

DRAWN		Date	
Checked		Date	
Approved		Date	
Projection		ALL DIM'S IN: mm DO NOT SCALE FROM DRAWING	

TITLE:	LT spherical type butterfly valve DN50-DN300 300PSI/250PSI/200PSI
DRAWING NO. :	