

Butterfly Valves Class 150 High Performance API609

Industry Standards

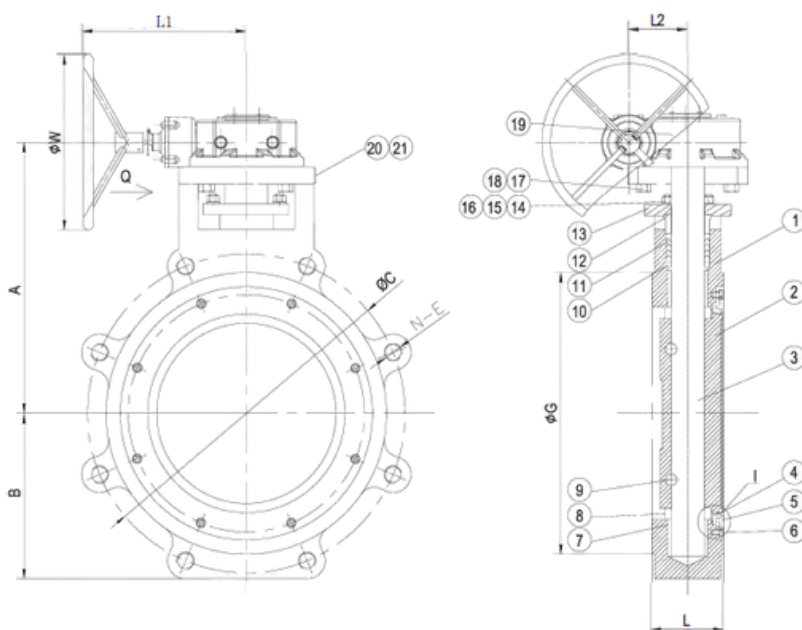
Basic Desing: API609

Face-to-Face: API609

End Flange Dimensions: ASME B16.5

TESTING: API 598

Operation: Gear Box & Hand Lever



Pressure Temperature Rating

1. **Nominal Pressure:** 150 Lb

2. **Shell Test:** 3.0 MPa

3. **Seal Test:** 2.2 MPa

4. **Air Seal Test:** 0.5 - 0.15 MPa

Dimension: mm **Weight:** kg

SIZE	L	C	A	B	Weight
2"	43	120.5	175	65	3.92
2 1/2"	48	139.7	220	80	4.6
3"	48	152.4	220	86	5.6
4"	54	190.5	194	106	7.5
6"	57	241.3	240	130	11
8"	64	298.4	261.5	200	17.6
10"	71	362	311	245	30.2
12"	81	431.8	353	285	47.5
14"	92	412.8	476	300	58
16"	102	470	505	340	118
18"	114	533	573.5	360	140
20"	127	584.2	610	390	170
24"	154	692	470	352	256

Technical sheet - June 2025

ITEM	NAME	MATERIAL
1	Body	ASTM A216 WCB
2	Disc	ASTM A351 CF8M
3	Stem	17-4PH
4	Seat	RPTFE
5	Seat Retainer Ring	ASTM A105 N
6	Stud	ASTM A193 B8M
7	Bearing	RPTFE
8	Disc Washer	316SS
9	Pin	316SS
10	Spacer Ring	316SS
11	Packings	PTFE
12	Gland Ring	304SS
13	Gland Flange	ASTM A105 N
14	Stud	ASTM A193 B7
15	Nut	ASTM A194 2H
16	Washer	AISI1045
17	Bolt	ASTM A193 B7
18	Washer	AISI1045
19	Gear Box	PARTS
20	Rivet	316SS
21	Name Plate	316SS

Features and measurements subject to change