



## GGG50 GGG40 Wras Double Flanged Concentric Butterfly Valve With PN10 PN16 PN20 PN25

Our Product Introduction

### Basic Information

- Place of Origin: CHINA
- Brand Name: DEYE
- Certification: ISO9001:2015 PED
- Model Number: DY-BFV-1002
- Minimum Order Quantity: 10PCS
- Price: USD2-USD20000 each
- Packaging Details: carton box+ ply wooden cases or carton+ Pallets
- Delivery Time: 20 days for usual order, 7 days for stocked items
- Payment Terms: T/T, L/C, D/P
- Supply Ability: 1000pcs one month



### Product Specification

- Highlight: Wras flanged concentric butterfly valve,  
Double flanged concentric butterfly valve,  
GGG50 concentric butterfly valve

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## Product Description

Series No. BFV-1002

China API609 Double Flanged Butterfly Valve Manufacturer DEYE Supplies GGG40/GGG50 Flanged RF Butterfly Valves, 150LBS (PN20) for drinking water

### Quick Detail

Design: API609/BS5155

Face to face dimension: ISO5752 Series 13, EN558 Series 13

Top flange ISO5211.

Bi-direction Seal

Vulcanized Rubber Seat

Mode of operation: Gearbox.

Test and inspection: API 598. EN1226

### Product Range

Available Body Material: Ductile Iron , Carbon steel, Stainless steel, Alloy steel.

Optional Seat: EPDM, NBR, PTFE, Teflon. Neoprene

Optional End connection: Wafer, Lug, Flanged.

Optional Body Design: Eccentric or Concentric centerline

Face to face: EN558 Series 13/14, long type or short type

Normal diameter: 4"~96" (DN100~DN2400).

Pressure range: 150lbs (PN10~PN25).

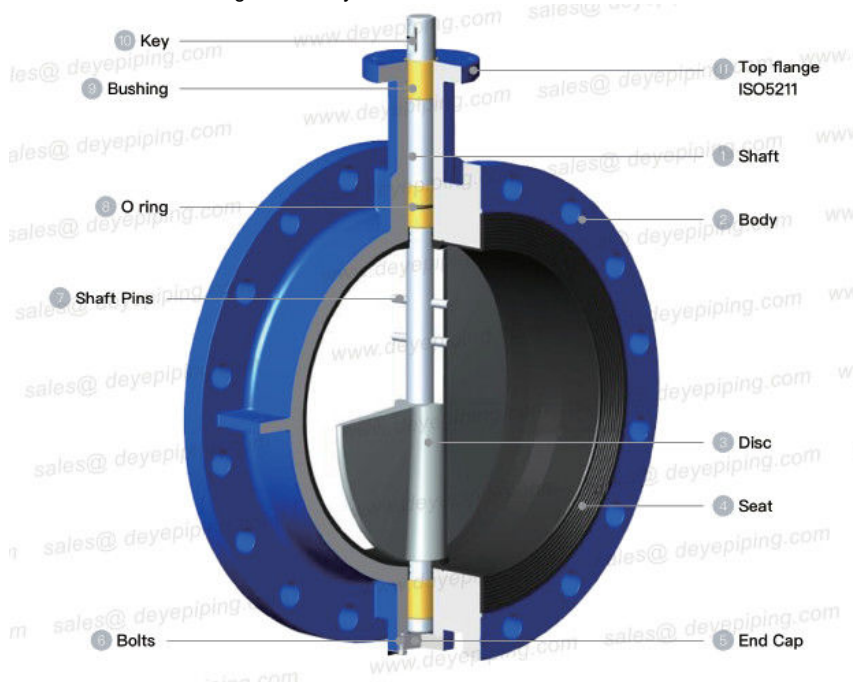
Available Operation: Gearbox, Electric, pneumatic actuator

Working temperature: -46 ~+200 .

### Performance:

1. The flanged butterfly valve requires only a few parts due to its small size and light weight.
2. The operation is simple, only need to rotate 90 ° to close
3. It is with good fluid control characteristics, the pressure generated by the pipeline can be reduced after pass the valve
4. Sealed in both directions
5. Easy to repair and care, and can be installed at will
6. The driving method can be selected from manual, electric and pneumatic
7. The outer circle of the butterfly plate adopts spherical shape, which greatly improves the sealing performance and prolongs the service life of the valve

### Construction of the flanged butterfly valve

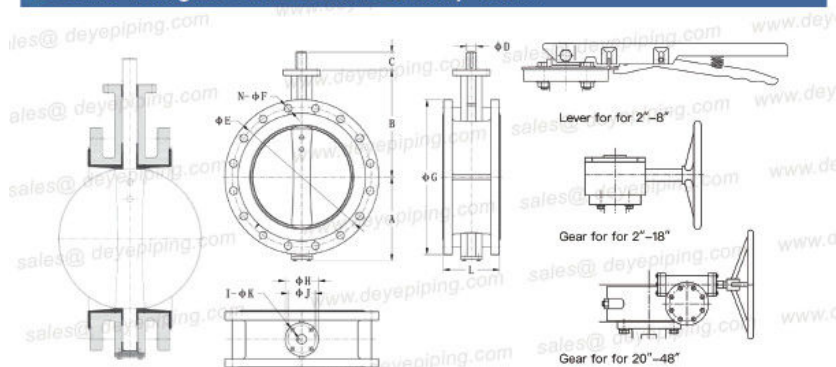


### Material List

SL	Part Name	Materials
1	Stem	Zinc Plated Steel
		Stainless Steel:ASTM A276 Type 316,Type 410,Type 420 ASTM A582 Type 416, Duplex SS2502/2507, UNS31803, UNS32750
		Cast Iron:ASTM A126CL B,DIN1691 GG25,EN 1561 EN-GJL-200

2	Body	Ductile Cast Iron:ASTM A536 65-45-12,DIN 1693 GGG40,GGG50, EN1563 EN-GJS 400-15, GJS-500-7
3	Disc	Ductile Cast Iron(Nickel plated): ASTM A536 65-45-12,DIN 1693 GGG40,GGG50 EN1563 EN-GJS 400-15
		Stainless Steel:ASTM A351 CF8,CF8M CF3,CF3M EN1.4408,14469 14501
		AL-Bronze:ASTM 8148 C95400
4	Seat	NBR,EPDM,Neoprene,PTFE,Viton
5	End Cap	Cast Iron:ASTM A126CL B,DIN1691 GG25,EN1561 EN-GJL-200
		Ductile Cast Iron:ASTM A536 65-45-12,DIN 1693 GGG40,GGG50, EN1563 EN-GJS-400-15, GJS-500-7
6	Bolt	Zinc Plated Steel, Stainless Steel304, Stainless steel 316
7	Taper Pin	Stainless Steel:ASTM A276 Type 304,Type 316
8	O Ring	NBR,EPDM,Neoprene,Viton

### Double Flanged Concentric Butterfly Valve



#### Standard Specifications

Design Standard	BS 5155, API 609, EN 593, AWWA C504 (Optional)
Test Standard	DIN 3230 Part3, API 598, EN 12266-1
Face-to-Face Standard	API 609, EN558-1 / 13, ISO 5702/13, AWWA C504(Optional)
Flange Connection	DIN 2501 PN10/16, BS 4504 PN10/16, EN1092-1 PN10/PN16 /ASME B16.5 125LB/150LB, JIS B2220 10K & so on
Working Pressure	10 bar / 16 bar
Medium	Water, Sewage, Oil, Gas, Food and so on

#### Dimensions List (mm)

Size						E		N-F				G							ISO
mm	inch	A	B	C	D	ANSI	PN10	PN16	ANSI	PN10	PN16	ANSI	PN10	PN16	H	J	I-K	L	5211
50	2	70	130	32	12.7	120.7	125	125	4-19	4-18	4-18	152	165	165	90	70	4-9.5	108	F07
65	2½	75	140	32	12.7	139.7	145	145	4-19	4-18	4-18	178	185	185	90	70	4-9.5	112	F07
80	3	85	150	32	12.7	152.4	160	160	4-19	4-18	8-18	191	200	200	90	70	4-9.5	114	F07
100	4	104	160	32	15.9	190.5	180	180	8-19	8-18	8-18	229	220	220	90	70	4-9.5	127	F07
125	5	112	180	32	19.1	215.9	210	210	8-22	8-19	8-18	254	250	250	90	70	4-9.5	140	F07
150	6	130	200	32	19.1	241.3	240	240	8-22	8-22	8-22	279	285	285	90	70	4-9.5	140	F07
200	8	160	230	38	22.2	298.5	295	295	8-22	8-22	12-22	343	340	340	125	102	4-11.5	152	F10
250	10	194	260	38	28.6	362	350	355	12-25	12-22	12-26	406	395	405	125	102	4-11.5	165	F10
300	12	220	300	38	31.8	431.8	400	410	12-25	12-22	12-26	483	445	460	125	102	4-11.5	178	F10
350	14	270	360	45	31.8	476.3	460	470	12-29	16-22	16-26	533	505	520	125	102	4-11.5	190	F10
400	16	305	390	51	33.3	539.8	515	525	16-29	16-26	16-30	597	565	580	210	165	4-22	216	F16
450	18	332	420	51	38.1	577.9	565	585	16-32	20-26	20-30	635	615	640	210	165	4-22	222	F16
500	20	362	470	64	41.3	635	620	650	20-32	20-26	20-33	699	670	715	210	165	4-22	229	F16
600	24	415	540	70	50.8	749.3	725	770	20-35	20-30	20-36	813	780	840	210	165	4-22	267	F16
700	28	515	585	72	55	—	840	840	—	24-30	24-36	—	895	90	300	254	8-18	292	F25
800	32	565	640	72	55	—	950	950	—	24-33	24-39	—	1025	1025	300	254	8-18	318	F25
900	36	605	690	77	75	1085.9	1050	1050	32-41	28-33	28-39	1168	1115	1125	300	254	8-18	330	F25
1000	40	685	760	85	85	—	1160	1170	—	28-36	28-42	—	1230	1255	300	254	8-18	410	F25
1200	48	790	880	150	92	1422.4	1380	1390	44-41	32-39	32-48	1511	1455	1485	350	298	8-22	470	F30

\* Please contact manufacturer if you want more flange standards.

BUTTERFLY VALVES | PG10

#### Application:

widely used in gas, oil, water, chemical engineering and other related industries, also in cooling water systems of thermal power stations



