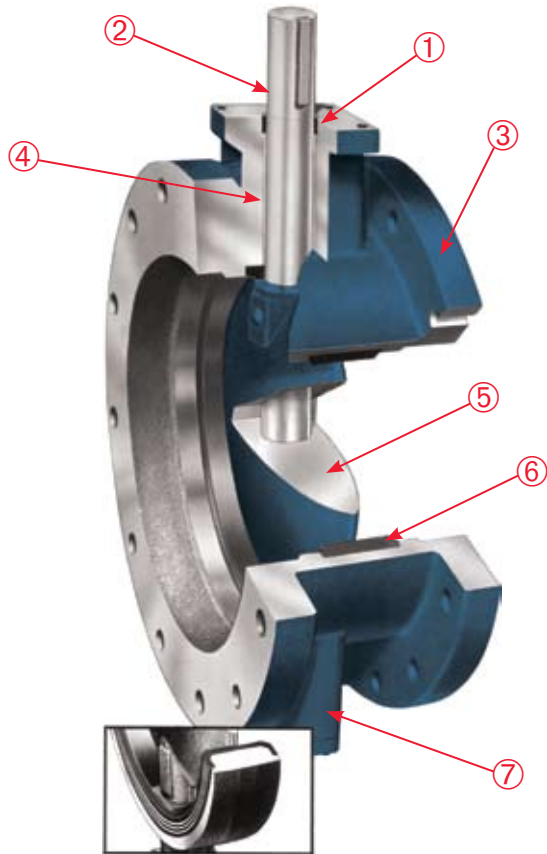


Valves and Tapping Sleeves C-18

Butterfly Valves 4" thru 72"



Design Details:

1. Chevron V Packing
2. Corrosion Resistant Shaft
3. Heavy Duty Body
4. Self-Lubricating Bearings
5. Streamlined Disc
6. Body Seat
7. Tamper-Proof Disc Centering

Manual Actuators



Slotted Lever
4"-12" Valves



Link Lever
14" - 48" Valves

Butterfly Valve Ordering Chart

VALVE SIZE	PRODUCT NUMBERS		
	FLANGED, OPEN LEFT W/HANDWHEEL OPERATOR	MECHANICAL JOINT WITH 2" OPERATING NUT	
		OPEN RIGHT (Red Nut)	OPEN LEFT (Black Nut)
4"	40690	—	40693
6"	40695	40700	40705
8"	40710	47015	40720
10"	40725	40730	40735
12"	40740	40745	40750
14"	40755	40760	40765
16"	40770	40775	40780
18"	40785	40790	40795
20"	40800	40805	40810
24"	40815	40820	40825

NOTES:

- Valve sizes above 24" are available by special order.
- Other end configurations are available by special order.
- Valve operators other than those listed above are available by special order. Refer to pages C-21 and C-22 for available types.

Suggested Specifications For AWWA Butterfly Valves

GENERAL:

All butterfly valves shall be of the tight-closing, rubber-seat type, conforming to the design standards of ANSI/AWWA C504 latest revision, except where noted herein. Valves shall be bubble-tight at the rated pressure in either direction and shall be suitable for throttling service and/or operation after long periods of inactivity. Manufacturer shall be ISO 9001 Certified and have manufactured tight-closing, rubber-seat type butterfly valves for a period of at least five (5) years. All butterfly valves shall be from the same manufacturer.

BODY:

All valve bodies shall be constructed of cast iron ASTM A126, Class B with ANSI B16.1 flange drilling. Mechanical joint ends shall conform to the ANSI/AWWA C111/A21.11 Standard. Ductile iron available by special order.

DISC:

Discs shall be of the concentric design. Valves shall have discs constructed of ductile iron ASTM A536, Grade 65-45-12 with a 316 stainless steel edge.

SHAFT:

Valves 3" - 24" shall have a one piece through shaft of 18-8 stainless steel, corresponding to the requirements of AWWA C504, latest revision. The shaft shall fasten to the disc by means of a threaded disc pin providing a positive leak-proof connection of the shaft to the disc.

Valves 30" and larger shall have a stub shaft of 18-8 stainless steel, corresponding to the design requirements of AWWA C504, latest revision. The shaft shall fasten to the disc by means of pins designed to provide a shake-proof connection without impairing shaft strength.

VALVE SEATS:

Valve seats shall be located in the body only and shall be of a synthetic rubber compound suitable for the service. Seats for valves 3" - 24" shall be designed so that no adjustments or maintenance is required. Seats for valves 30" and larger shall be field adjustable and replaceable without the use of special tools or factory personnel. Seat adjustment shall be accomplished with a standard wrench. Valve seat designs that use epoxy to retain the seat or fillers to increase seat compression are not considered field replaceable or adjustable. Valves shall be installed with full seat adjustment downstream.

BEARINGS:

All shaft bearings shall be of the self-lubricating, corrosion-resistant, sleeve type. Bearings shall be designed for horizontal and/or vertical shaft loading.

PACKING:

Shaft packing for valves 3"-24" shall be self-adjusting and suitable for pressure or vacuum service. Packing for valves 30" and larger shall incorporate an adjustable packing gland and the packing shall be adjustable and/or replaceable without removing the valve actuator.

TESTING:

All valves shall be hydrostatic and leak tested in accordance with ANSI/AWWA C504, latest revision.

COATINGS AND LININGS:

Valves to be coated and lined with epoxy, 8-10 MDFT, in full compliance with NSF-61. Valve discs for sizes 3"-24" shall be Fusion Bonded Epoxy Coated. Liquid epoxy shall not be allowed unless pre-approved by the Engineer.

NOTE: Please contact your local Team EJP sales office for more information.