

SERIES 800 Butterfly Valves

3" TO 24" MECHANICAL JOINT

AWWA CLASS 150B & 250B

MECHANICAL JOINT (ACTUATOR NOT SHOWN)



PRESSURE RATING

Class 150B

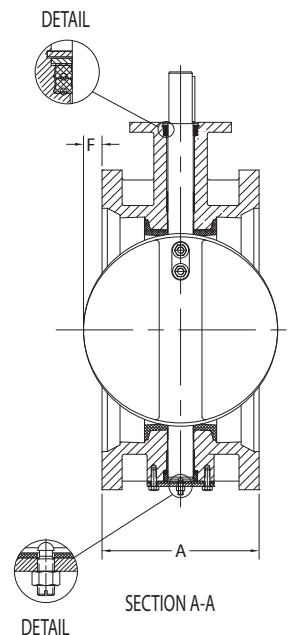
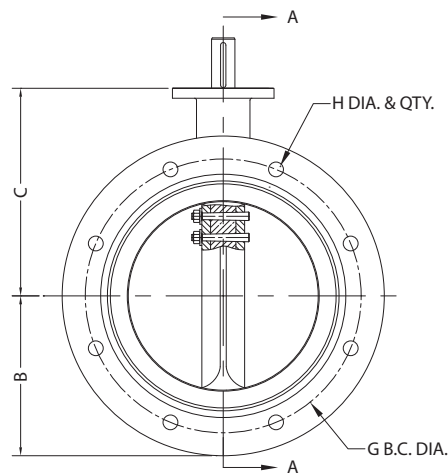
150 PSI Working Pressure
300 PSI Test Pressure

Class 250B

250 PSI Working Pressure
500 PSI Test Pressure

FEATURES

1. Conforms with AWWA C504 (latest revision)
2. High strength ductile iron body
3. Molded rubber seat vulcanized to body
4. Streamlined epoxy coated ductile iron disc with 316 stainless steel seat edge
5. Stainless steel shaft sized per AWWA C504
6. 316SS backed nylon low friction shaft bearings
7. Self-adjusting and wear compensating U-cup shaft seals
8. Internal and external NSF-61 epoxy coating (Black)
9. Integral MSS SP-101 actuator mounting pad



MATERIALS OF CONSTRUCTION

COMPONENT	STANDARD MATERIAL
Body	Ductile Iron, ASTM A536 Grade 65-45-12
Disc	Ductile Iron, ASTM A536 Grade 65-45-12 with 316 Stainless Steel Seat Edge, NSF-61 Epoxy Coated
Seat	Buna-N Rubber
Shaft	Class 150B – Type 304 Stainless Steel Class 250B – Type 17-4PH Condition H1150 Stainless Steel
Shaft Bearings	316SS and Nylon
Shaft Packing	Buna-N Rubber

GENERAL DIMENSIONS

SIZE	A	B	C	F	G	H	WGT
3"	8½	3.75	6.25	-	6.19	4 X ¾"	35
4"	8½	4.50	7.00	-	7.50	4 X ¾"	59
6"	8½	5.88	8.00	-	9.50	6 X ¾"	74
8"	8½	6.75	9.50	-	11.75	6 X ¾"	97
10"	9¼	8.06	10.75	.38	14.00	8 X ¾"	133
12"	9¼	9.50	12.31	1.38	16.25	8 X ¾"	168
14"	11½	10.56	14.00	1.25	18.75	10 X ¾"	257
16"	12	12.31	15.00	2.00	21.00	12 X ¾"	305
18"	12¼	13.00	16.50	2.88	23.25	12 X ¾"	373
20"	12½	14.62	18.00	3.75	25.50	14 X ¾"	455
24"	13¼	17.12	22.50	5.38	30.00	16 X ¾"	574

- NOTES:**
1. MJ ends per AWWA C111/ANSI A12.11.
 2. Dimension "F" is minimum clearance required for valve to fully open.
 3. Dimensions in inches, weight in pounds. Weight does not include actuator.