

## AWWA C504 Center Line Butterfly Valve

### Specification

- Meet or exceed the requirements of AWWA C504.
- Rubber seats bonded to the body.
- Robust design.
- Mounting flange in accordance with MSS SP-102 or ISO 5211.
- Flange and drilling complies with ASME B16.1 Class 125.
- Mechanical-joint ends complied with ANSI/AWWA C111/A21.11.

### Working Pressure and Temperature

- 150psi / 250psi rated at -10°C to 120°C (14°F to 250°F) for EPDM liner.
- 150psi / 250psi rated at -10°C to 82°C (14°F to 180°F) for BUNA-N

### Corrosion Protection

- Fusion bonded coating interior and exterior complies with AWWA C550.

### Options

- SS304 / 316 stainless steel shaft.
- BUNA-N bonded body seat.
- Gear operator or handle operated.
- Flange and drilling complies with EN1092 PN10/16.

### Material Specifications

Part	Material	ASTM Specification
Body	Ductile Iron	A536 65-45-12
Body seat	Rubber	D2000 EPDM
Shaft	Stainless Steel	A276, Grade 420
Disc	Ductile Iron with SS316 Edge, A536,65-45-12	
	Stainless Steel	A351, CF8
Bushing	Plastic	Commercial, PTFE
Shaft Sealing	O-Ring	D2000, BUNA-N
Bottom Plate	Ductile Iron	A536,65-45-12

### Dimensions (inch/mm)

Size	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"	24"
A	6-5/16 (160)	7 (180)	8-3/8 (215)	9-5/8 (245)	11 (280)	12-1/2 (320)	14 (355)	16 (405)	17-1/4 (440)	18-1/2 (470)	22-1/2 (572)
B	3-11/16 (95)	5-1/2 (140)	7 (180)	8 (205)	9-1/2 (240)	11 (280)	12-1/8 (310)	12-1/2 (320)	13 (330)	14-1/2 (370)	16-3/4 (425)
E (FLxFL)	5 (127)		6 (152)		8 (203)						
E (MJxMJ)	8-1/2 (216)		8-5/8 (219)		9-1/4 (235)						
Mounting Flange	F07		F10			F12		F16			

### Notes

- Designs, materials and specifications shown are subject to change without notice due to the continuous development of our products.

FIG. 2102 - Stainless Steel Disc  
FIG. 2103 - Ductile Iron Disc

### Schematic

