

Bray Offers Butterfly Valves for Potable Drinking Water Systems

Bray is committed to offering high quality products certified to **UL NSF/ANSI/CAN 61** and **NSF/ANSI/CAN 372**, while also meeting the requirements of the U.S. EPA's **Safe Drinking Water Act (SDWA)**. Bray's NSF certified butterfly valve products have passed a rigorous certification program involving product testing, material verification, and audits of the manufacturing plant and production process. These certifications and compliances assure our customers that unsafe levels of lead and other harmful contaminants are not leaching into the drinking water.

NSF/ANSI/CAN 61 sets health effects criteria for many water system products, components, and materials. The standard tests the level of contaminants moving through the valve to meet or fall beneath the acceptable levels in drinking water.

NSF/ANSI/CAN 372 verifies that the lead content of drinking water products meet levels determined by the **Safe Drinking Water Act**.



NSF 61



Certified to
NSF/ANSI/CAN 61
& 372



NSF CERTIFIED BUTTERFLY VALVE PRODUCTS



SERIES 3W/3L

End Connection	Wafer
Size Range	NPS 22 to 36 DN 550 to 900
Max Operating Pressure	Series 32: 75 psi 5 bar Series 33: 150 psi 10 bar



SERIES 30/31/3A/3AH

End Connection	Wafer Lug Flanged	
Size Range	Series 30/31	NPS 2 to 12 DN 50 to 300
	Series 3A/3AH	NPS 14 to 20 DN 350 to 500
Max Operating Pressure	Series 30/31	175 psi 12 bar
		150 psi 10 bar
	Series 3A	175 psi 12 bar
	Series 3AH	250 psi 16 bar



SERIES 31H

End Connection	Lug
Size Range	NPS 2 to 20 DN 50 to 500
Max Operating Pressure	250 psi 16 bar



SERIES 20/21

End Connection	Wafer, Lug
Size Range	NPS 1 to 20 DN 25 to 500
Max Operating Pressure	150 psi 10 bar



SERIES 32/33/35/36/36H

End Connection	Wafer Flanged	
Size Range	Series 33/33	NPS 22 to 36 DN 550 to 900
	Series 35/36	NPS 22 to 120 DN 550 to 3000
	Series 36H	NPS 22 to 60 DN 550 to 1500
Max Operating Pressure	Series 32	75 psi 5 bar
	Series 33	150 psi 10 bar
	Series 35	75 psi 5 bar
	Series 36	150 psi 10 bar
	Series 36H	232 psi 16 bar



MCCANNALOK SERIES

End Connection	Wafer Lug Double Flanged
Size Range	NPS 2 to 66 DN 50 to 1500
Max Operating Pressure	ASME Class 150 300 600 PN 10 16 25 40 63 100

APPROVED MATERIALS

The rigorous testing of Bray's butterfly valves to the requirements of **NSF/ANSI/CAN 61** and **NSF/ANSI/CAN 372** include material testing for components that are exposed to the line media (also referred to as wetted parts). The approved materials listed below are an overall classification for the Bray approved products as not all options are available on every valve. Consult your local Bray supplier for specific trim availability by model.

RESILIENT SEATED VALVES

Part	Material
Coated Disc	Nylon Coated Gray Ductile Iron
	Nylon Coated White Ductile Iron
Metal Disc	ASTM A351 GR CF8M
	ASTM B148 C95400
Seat	EPDM
	HTEPDM

MCCANNALOK HIGH PERFORMANCE VALVES

Part	Material
Body	ASTM A351 GR CF8M
	ASTM A995 Super Duplex 5A ASTM A240 UNS S31600
Disc	ASTM A351 GR CF8M
	ASTM A995 Super Duplex 5A
	ASTM A564 Type 630 ASTM A276 Type 316
Stem	ASTM A479 UNS 316
	ASTM A995 Super Duplex 6A
	ASTM A479 Type 316L
Soft Seat	RPTFE
	PTFE
Seat Retainer	ASTM A240 Type 316
	ASTM A995 Super Duplex 5A
	ASTM A182 Gr. F316 ASTM A564 Type 630 ASTM A276 Type 316
Taper Pins	ASTM A479 UNS 316
	ASTM A995 Super Duplex 6A
	ASTM A479 Type 316L
Locating Plug	316 Stainless Steel
	ASTM A995 Super Duplex 5A
Disc Spacers	ASTM A276 Type 316
	ASTM A479 UNS 316
	ASTM A995 Super Duplex 5A ASTM A312 TP316
Bearing	316 Stainless Steel/TFE
	Hastelloy C/TFE
Stem Seal	Carbon Fiber (Graphite Yarn)
	Braided PTFE
Locating Plug Gasket	Virgin PTFE