

**DeZURIK BOS-CL ON-CENTER  
RESILIENT SEATED BUTTERFLY VALVES  
SUGGESTED SPECIFICATION**

**APPLICATION DATA 46.01-2**

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Supersedes December, 2017



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Resilient seated butterfly valves shall be model BOS-CL as manufactured by DeZURIK or pre-approved equal.

Butterfly valves in sizes 2-24" (50-600mm) shall have on-center disc and shall be of the (lugged) body style. All valves shall be suitable for use with ASME Class 125 or 150 flanges. Face-to-face dimensions are in accordance with MSS SP-67 and API 609 (category A). When specified, valves shall meet the NSF 61/372 standard.

Pressure ratings shall be 175 psi (1210 kPa) in sizes 2-12" (50-300mm) with either Nylon Coated Ductile Iron discs or 316 Stainless Steel discs. Pressure rating shall be 150 psi (1030 kPa) in sizes 14-24" (350-600mm). Pressure rating shall be 150 psi (1030 kPa) in sizes 2-24" (50-600mm) with Aluminum Bronze Discs.

Testing shall be per MSS-SP-67 and API 609/598 requirements.

Bodies shall be lugged body, ductile iron and shall provide bubble tight, bi-directional shutoff up to the full valve rating.

Elastomer seats shall fully line the valve body and be permanently bonded to a solid backing ring. Seats shall be (NBR) (EPDM). Seats shall have integral flange seals so flange gaskets are not required.

Shafts shall be 420 stainless steel. Shaft shall be blowout proof per API 609, utilizing a retainer and retainer system. Multiple shaft seals shall be provided to prevent leakage.

Three shaft bearings shall be provided to ensure smooth, reliable valve operation.

Lever operators shall be lockable and provide automatic, positive latching in the open, closed and eight intermediate positions.

Gear actuators shall have cast iron weatherproof construction with adjustable open and closed position stops.

Two Year Warranty shall be provided for all valves and actuators.