



QB-61 NSF/ANSI/CAN 61 Certified Standard Cartridge Seals for Drinking Water Applications



NSF/ANSI/CAN 61

QB-61 balanced pusher seals satisfy NSF International's rigorous evaluation process and are certified to NSF/ANSI/CAN 61 and NSF/ANSI 372 for applications that involve drinking water, from source to the tap.

NSF certifications cover all wetted components and demonstrate how QB-61 seals meet regulatory requirements for drinking water quality, giving municipalities and water consumers confidence in safe seal selection and operation.



Certified to
NSF/ANSI/CAN 61
& NSF/ANSI 372

The QB seal difference

QB Series balanced pusher seals are differentiated by their wide range of standardized feature packages and comprehensive custom options library. From hot water to light hydrocarbons, QB Series seals are easily configured to cover the vast majority of a plant's low and moderate duty services.

Features and benefits

- **Improve water quality** with NSF/ANSI/CAN 61 certified product adhering to strict industry and regulatory requirements
- **Third-party**, non-biased evaluation from well-established certification body
- **Product quality and consistency**, backed by annual NSF inspections and testing to maintain certification
- **Advanced spring holder design** with radial openings at both end of the springs for recirculation and self-cleaning.
- **Large cross-section seal face built** to withstand the widest range of applications
- **Solid drive keys** efficiently transmit torque loads from the seal face without deforming



You're not alone with Flowserve

QB seal hardware is just one component of Flowserve's commitment to reducing your total cost of ownership (TCO). Flowserve seals are backed by 24-hour support, on-site service, engineering analysis, repair capabilities, custom stocking programs and on-time delivery.

To measurably improve your mean time between repair (MTBR), the QB seal fits perfectly in Flowserve LifeCycle Advantage™ inventory standardization programs.

Certified materials and sizes

- **Metal parts:** 316 stainless steel
- **Seal faces:** Reaction bonded silicon carbide vs. reaction bonded silicon carbide, premium resin carbon vs. reaction bonded silicon carbide
- **Gaskets:** Fluoroelastomer
- **Sizes:** 22 to 168 mm (0.875 to 6.625 in.)

Product specifications

- Seal shall be a single cartridge seal utilizing a flexible rotor design.
- Seal shall utilize an advanced spring holder design with radial openings at both end of the springs for recirculation and self-cleaning.
- Seal shall utilize solid seal face drive keys to efficiently transmit torque loads.
- Seal shall utilize multiple coil springs for even face loading.
- Seal shall be supplied with carbon throttle bushing.
- Seal, as an assembled unit, shall be certified to NSF/ANSI/CAN 61 and NSF/ANSI 372 standards, and meet the requirements of the U.S. Safe Drinking Water Act of 2014.
- The packaging or documentation shipped with the certified seal shall bear the NSF mark.

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Flowserve Corporation has established industry leadership in the design and manufacture of its products. When properly selected, this Flowserve product is designed to perform its intended function safely during its useful life. However, the purchaser or user of Flowserve products should be aware that Flowserve products might be used in numerous applications under a wide variety of industrial service conditions. Although Flowserve can provide general guidelines, it cannot provide specific data and warnings for all possible applications. The purchaser/user must therefore assume the ultimate responsibility for the proper sizing and selection, installation, operation, and maintenance of Flowserve products. The purchaser/user should read and understand the Installation Instructions included with the product, and train its employees and contractors in the safe use of Flowserve products in connection with the specific application.

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