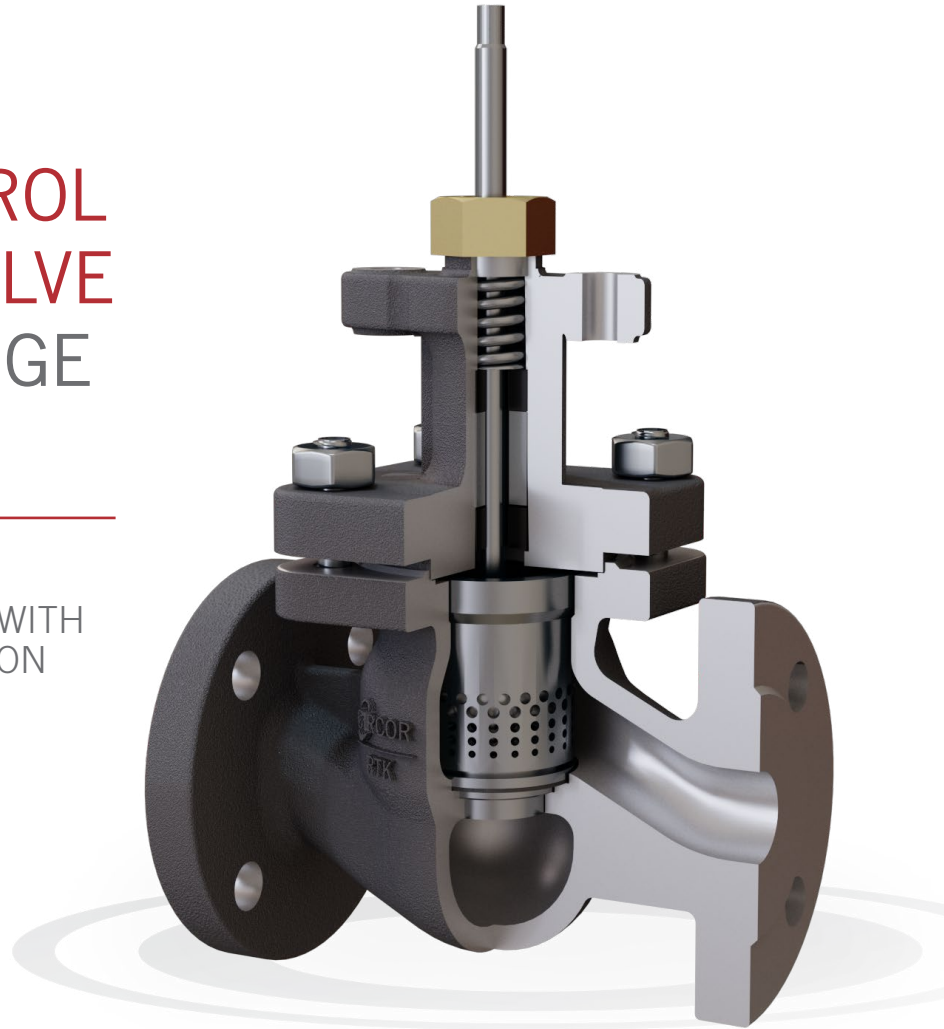


# RTK® REflex CONTROL AND SHUT OFF VALVE WITH QUICK CHANGE SEAT (QCS)

FROM THE INDUSTRY'S BROADEST CONTROL VALVE PORTFOLIO, NOW WITH AN EASY-TO-CHANGE SEAT VARIATION

## QUICK CHANGE SEAT OPTION SIMPLIFIES VALVE DISASSEMBLY TO 4 EASY STEPS

Introducing RTK's REflex Control and Shut Off Valve with Quick Change Seat into the family of stem guided control valves already known for interchangeable plugs and seats.



NO SPECIAL TOOLS



UP TO 85% FASTER MAINTENANCE TIME



NO SPECIALIZED MAINTENANCE TECHNICIAN



COST SAVING



Save time and reduce maintenance costs with these 4 easy steps:

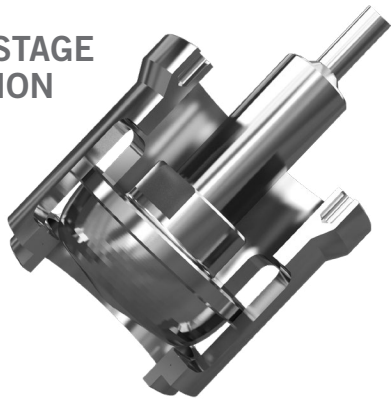
- › Remove actuator
- › Remove bonnet nuts and open the valve
- › Remove plug and retainer
- › Change seat and gaskets, before reassembly

To see the RTK REflex Control and Shut Off Valve with Quick Change Seat's disassembly visit: <https://youtu.be/EwITtfOs5xc>

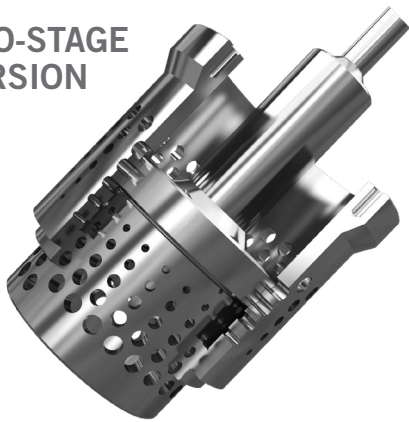
## GET A HANDLE ON CAVITATION AND NOISE ISSUES WITH A NEW TWO-STAGE OPTION

Available with both electric and pneumatic actuators, RTK Reflex Control and Shut Off Valves with QCS come in two variations. The one-stage QCS can be combined with all the standard on/off, parabolic, perforated and V-port plugs. A two-stage trim variant is also available for high differential pressure drop applications to prevent cavitation and reduce noise.

### ONE-STAGE VERSION



### TWO-STAGE VERSION



The new RTK REflex Control and Shut Off Valves with QCS are also available with:

- › NACE specification in chemically corrosive applications
- › CRN for pressure applications in all Canadian provinces

## WHEN TO CHOOSE QUICK CHANGE SEAT

Consider QCS if any of the following apply:

- › Costly service for valves welded in line
- › Greatly varying load conditions requiring a valve change
- › A standard valve which would have a welded seat under the following conditions:
  - › pressure rating/class  $\geq$  PN 63/#60
  - › temperature  $>$  400 C / 750 F
- › Abrasive liquid or gas applications which could erode the valve trim
- › ANSI FCI 70-2: Class V Seat Leakage is required
- › A valve with a screwed seat ring from DN 150 / 6 inches

## VALVE BODY MATERIALS AVAILABLE FOR EVERY NEED

Standard valve trims for RTK REflex Control and Shut Off Valves with QCS consist of series 400 stainless steel plugs with 316 stainless steel seats. You can also select:

- › 316 stainless steel plugs for superior corrosion resistance
- › Seating surfaces (both plug and seat ring) in a hardened version for extended service life

All valves are available either as ANSI or DIN, ensuring interchangeability with control valves from other manufacturers in countless industrial applications.

## SLASH DELIVERY TIMES AND COSTS WHEN MAINTENANCE IS REQUIRED

Why tolerate excessive costs and downtime incurred when replacing welded or screwed seat rings? With the new easy to change clamped QCS and the flexible design of the valve, all you need to do is stock a variety of typical replacement plugs and trims for maximum valve operating time. To make maintenance even easier, RTK developed a Trim Change Kit complete with a seat ring and three gaskets.

Learn more and contact us at: <https://www.circor.com/rtk/contact>

