

RTK® BOTTOM BLOWDOWN ANGLE VALVE

HIGH-EFFICIENCY CLEANING OF HIGH-PRESSURE BOILERS

Optimize your boiler efficiency and simplify blowdown operations with the RTK® Blowdown Valve. Removing particulate and dissolved solids from the bottoms of steam and hot water boilers is quick and problem-free with RTK's angle design.

NEW SEAT DESIGN ENHANCES VALVE LIFE

The RTK Blowdown Valve's hardened trim and flashing resistant seat protects the valve body from the effects of cavitation and flashing. The angle design manages and reduces pressure for DN 20 / PN 63 to DN 50 / PN 160 applications. No need for frequent replacement or valve repairing during routine maintenance.

INDUSTRIES

- Chemical
- Petrochemical
- Food & Beverage
- Power Generation
- General Industry
- Pulp & Paper
- Industrial Boilers
- Textile
- Industrial Process



TWO STYLES OF QUICK-OPEN ANGLE VALVE FOR HIGH PRESSURE CONDITIONS

RTK blowdown valves are available with pneumatic actuators or may simply be used manually. Either way, needless loss of system water or steam is avoidable through a quick-open feature to fully expel waste materials.

- › **Manual operation:** Using a spring-return hand lever, the valve automatically goes into the closed position upon release of the lever. It can be blocked in the open position using an arrester.
- › **Manual operation with pneumatic actuator:** The valve opens quickly and completely with the help of compressed air up to the pressure of 6 bar / 87 PSI.

End connections include a flanged and a butt weld end version.

DIFFERENCE-MAKING FEATURES FOR LONG-TERM BOILER INTEGRITY

RTK blowdown valves offer additional features to promote trouble-free operation over a longer lifetime.

| FEATURE | BENEFIT |
|--|----------------------|
| Special hardened valve trim | Less leakage |
| Stuffing box and high external tightness from high-grade gaskets | Less maintenance |
| Special guided plug head construction | Less vibration |
| Reduced area cross-section of bonnet zone | Less pressure shocks |

Keeping a clean boiler operation can be as easy as knowing which blowdown valve gets the job done every time.

To get the conversation started, contact us at: circor.com/rtk/contact

