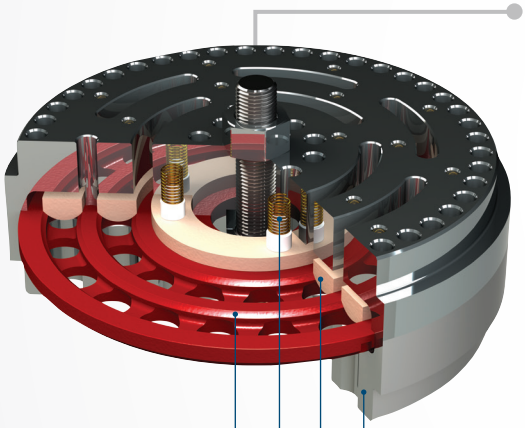


Hi-Flo™ RS Valve

(Replaceable Seat Valve)

Developed specifically for customers who are operating compressors installed in offshore production platforms, FPSOs and facilities where no maintenance workshops are available, CPI's Hi-Flo™ Replaceable Seat valves eliminate the need for off-site reconditioning. The design incorporates a replaceable seat that can be quickly and easily removed and installed without the use of special tools.

DESIGN FEATURES

- Valve housing — Stainless steel for corrosion resistance
- Valve rings — Radiused disc ring design provides better gas flow
- Springs and buttons — Durable and corrosion resistant
- Replaceable seat — Eliminates wear to the valve housing

NOTE: Rebuild kit includes replaceable plate, new valve discs, springs and buttons.

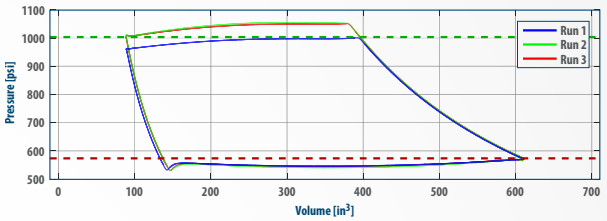
CPI COMPRESSOR PRODUCTS INTL
an EnPro Industries company

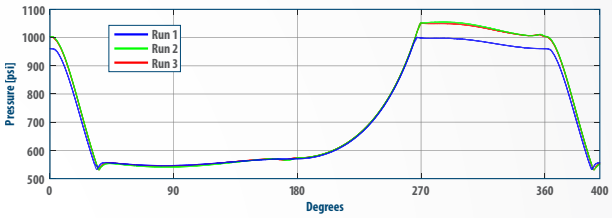
Proven Solutions for the Global Compression Industry™

Hi-Flo™ RS Valve
(Replaceable Seat Valve)

FEATURES

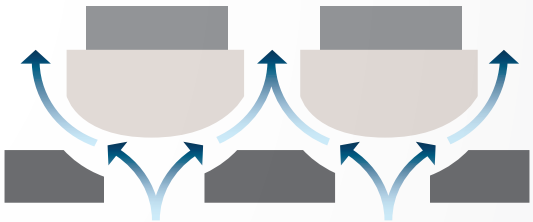
- Simplifies maintenance at remote or hazardous compressor operations
- Performs well under severe operating conditions as well as in processing of gases that contain liquid slugs and debris
- Eliminates need for spare valve inventory, reducing operating costs
- Easily reconditioned
  - No reduction in valve seat thickness
  - No adjustment is needed if unloader fingers are fitted
  - No special tooling or presses needed to remove the seat plate
- Reliable in oil, gas, petrochemical and air separation industries
- Non-replaceable components are produced in stainless steel to prevent corrosion
- Nose diameter — 2.95 in/75 mm and up
- Capable of operating across a wide range of parameters, including:
  - temperatures up to 390°F/200°C
  - pressures up to 3600 psi/250 bar
- Made with highly durable PEEK-based material
- Suitable for:
  - both lubricated and non-lubricated compressors
  - sour gas applications
  - compressor speed over 1200 RPM





CPI provides comprehensive compressor valve performance analysis.

Radiused Disc Ring Design



Gas flow diagram

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