

Cartridge seals

# PV-C03

## Mechanical Seal Series

Engineering series reference; final configuration confirmed by RFQ review. Figures below are the standard published range for this series — final face materials and working length are set from your application data and confirmed in technical review before quoting.



## Specifications

|               |                        |
|---------------|------------------------|
| <b>Model</b>  | PV-C03                 |
| <b>Type</b>   | Mechanical Seal Series |
| <b>Family</b> | Cartridge seals        |
| <b>Series</b> | PV-C03                 |

## Materials

|                         |                                                    |
|-------------------------|----------------------------------------------------|
| <b>Seal faces</b>       | Graphite-resin-impregnated carbon, silicon carbide |
| <b>Secondary seals</b>  | EPDM, FKM, FFKM, PTFE                              |
| <b>Metal components</b> | SS316, SS304, Duplex (bellows: Inconel 718)        |

## Operating limits

|                         |               |
|-------------------------|---------------|
| <b>Shaft diameter</b>   | 25 – 80 mm    |
| <b>Pressure</b>         | 25 bar        |
| <b>Temperature</b>      | -40 to +220°C |
| <b>Sliding velocity</b> | 20 m/s        |

Standard published range for this series. We confirm the exact limit for your equipment in technical review.

## Design & characteristics

- Single seal, cartridge, balanced
- Metal bellows
- Quench with lip-seal or throttle-ring options
- Multipoint-injection-ring variant
- Flush (A) and quench (B) connections

## Typical applications

Process

Chemical

Hot media

Cold media

Highly viscous media

Pumps

Special rotating equipment

### Ready to quote PV-C03?

Reference this code in your request and we'll confirm the fit for your equipment.

[Request a quote →](#)