

Cartridge seals

# PV-C05

## 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-C05                 |
| <b>Type</b>   | Mechanical Seal Series |
| <b>Family</b> | Cartridge seals        |
| <b>Series</b> | PV-C05                 |

## Materials

|                         |                                           |
|-------------------------|-------------------------------------------|
| <b>Seal faces</b>       | Blister-resistant carbon, silicon carbide |
| <b>Secondary seals</b>  | EPDM, NBR, FKM, FFKM                      |
| <b>Metal components</b> | SS316, SS304                              |

## Operating limits

|                         |               |
|-------------------------|---------------|
| <b>Shaft diameter</b>   | 20 – 110 mm   |
| <b>Pressure</b>         | 22 bar        |
| <b>Temperature</b>      | -40 to +176°C |
| <b>Sliding velocity</b> | 23 m/s        |

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

## Design & characteristics

- Dual seal, cartridge, balanced
- Works in either shaft rotation
- Shrink-fitted seal faces
- Solid mating ring

## Typical applications

Process

Oil &amp; gas

Refining

Petrochemical

Chemical

Highly volatile hydrocarbons

Toxic &amp; hazardous media

Poorly-lubricating media

Low-solids / low-abrasive media

ANSI chemical standard pumps

### Ready to quote PV-C05?

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

[Request a quote →](#)