

Cartridge seals

PV-C09

Standard Cartridge Mechanical Seal

Pre-assembled cartridge mechanical seal. 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

Model	PV-C09
Type	Standard Cartridge Mechanical Seal
Family	Cartridge seals
Series	PV-C09

Materials

Seal faces	Blister-resistant carbon, silicon carbide
Secondary seals	EPDM, NBR, FKM, FFKM
Metal components	SS316, SS304

Operating limits

Shaft diameter	20 – 110 mm
Pressure	22 bar
Temperature	-40 to +176°C
Sliding velocity	23 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
- Works in either shaft rotation
- Shrink-fitted seal faces
- Solid mating ring

Typical applications

Process Oil & gas Refining Petrochemical Chemical Highly volatile hydrocarbons Toxic & hazardous media
 Poorly-lubricating media Low-solids / low-abrasive media ANSI chemical standard pumps

Ready to quote PV-C09?

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

Request a quote →