

Cartridge seals

PV-C02

ANSI Standard Single Cartridge Seal

ANSI cartridge seal series. 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-C02
Type	ANSI Standard Single Cartridge Seal
Family	Cartridge seals
Series	PV-C02

Materials

Seal faces	Silicon carbide, graphite-resin-impregnated carbon, tungsten carbide
Secondary seals	EPDM, FKM, FFKM, PTFE
Metal components	SS316, SS304

Operating limits

Shaft diameter	1.000" – 3.750"
Pressure	25 bar
Temperature	-40 to +220°C
Sliding velocity	16 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
- Standard or big-bore seal-chamber versions
- Works in either shaft rotation
- Flush and quench options (lip-seal or throttle-ring)

Typical applications

Process

Petrochemical

Chemical

Pharmaceutical

Power

Pulp & paper

Water & wastewater

Mining

Food & beverage

ANSI process pumps

General process pumps

Ready to quote PV-C02?

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

[Request a quote →](#)