

Mechanical seals

PV-M01

Conical Spring Mechanical Seal

Conical-spring mechanical 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-M01
Type	Conical Spring Mechanical Seal
Family	Mechanical seals
Series	PV-M01

Materials

Seal faces	Silicon carbide, carbon graphite
Secondary seals	EPDM, NBR, FKM, FFKM
Metal components	SS316, SS304

Typical applications

Chemical

Pulp & paper

Water & wastewater

Low-solids media

Hot water

Chemical standard pumps

Water & sewage pumps

Ready to quote PV-M01?

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

[Request a quote →](#)


Operating limits

Shaft diameter	10 – 80 mm
Pressure	25 bar
Temperature	-50 to +220°C
Sliding velocity	15 m/s

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

Design & characteristics

- For stepped shafts
- Single seal, balanced
- Rotation-direction dependent
- Torque carried through a conical spring