

Bellows seals

PV-B01

Elastomer Bellows Mechanical Seal

Elastomer-bellows 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-B01
Type	Elastomer Bellows Mechanical Seal
Family	Bellows seals
Series	PV-B01

Materials

Seal faces	Carbon graphite (antimony- or resin-impregnated), silicon carbide, tungsten carbide
Secondary seals	NBR, EPDM, FKM, HNBR
Metal components	SS316, SS304

Operating limits

Shaft diameter	10 – 100 mm
Pressure	16 bar
Temperature	-20 to +140°C
Sliding velocity	10 m/s

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

Design & characteristics

- For plain shafts
- Single or dual seal, elastomer bellows rotating, unbalanced
- Works in either shaft rotation
- Bellows carries no torsional load

Typical applications

Process	Chemical	Pulp & paper	Water & wastewater	Food & beverage	Sugar	Oils	Slurries up to ~5% solids	Pulp up to ~4%
Latex	Dairy & beverage	Sulfide slurries	Chemical standard pumps	Helical screw pumps	Stock pumps	Circulating pumps		
Submersible pumps	Water & wastewater pumps							

Ready to quote PV-B01?

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

[Request a quote →](#)