



## NV-2 Type mechanical seal

### Characteristics

- Modular design. Components are easily interchangeable and manufactured in a variety of materials for each application.
- Reversible. It can rotate in both directions indistinctly.
- Friction faces in monolithic and semi-balanced construction.
- Robustness. The seal is fixed to the shaft with set screws and torque transmission through a solid machined steel ring.
- Spring. The cylindrical spring design allows to work with loaded liquids without locking problems.
- Simple assembly. The closure incorporates an indicator to adapt to the working benchmark.
- Self-cleaning. The design of the closure avoids the accumulation of product on its surface.
- Dimensions according to *EN 12756* standards.



### Usage limits

- P (Pressure): Up to 16 bar depending on the PV factor.
- T (Temperature): -40°C up to 200°C (depending on the secondary seal material).
- vg (Velocity): 20 m/s (10 m/s for U1U1).

### Components breakdown

REF	Designation	Material
<b>1</b>	Rotating ring	Carbon resin
<b>2</b>	Draging sleeve	CrNiMo-steel
<b>3</b>	Gasket	CrNiMo-steel
<b>4</b>	Shaft gasket	FPM (Viton)
<b>5</b>	Spring	CrNiMo-steel
<b>6</b>	Set screw kit	CrNiMo-steel
<b>7</b>	Safety ring	CrNiMo-steel
<b>8</b>	Stationary ring	Silicone carbide Q2
<b>9</b>	Stationary gasket	FPM (Viton)

