

RKV-MS

MULTY SPRING MECHANICAL SEALS FOR CHEMICAL PUMPS

Description

RKV-MS mechanical seals are designed for sealing hazardous and chemically aggressive liquids at chemical plants, power plants. Specially designed for EBARA and other pumps made by Japan.

Materials	
Seal faces	Tungsten carbide, Silicon carbide, Carbon
Secondary seals	PTFE, Viton®, ethylene-propylene, kalrez®, etc.
Metal parts	Titan Special alloys SS304 SS316
Springs	Hastelloy C, special alloys

Technical data

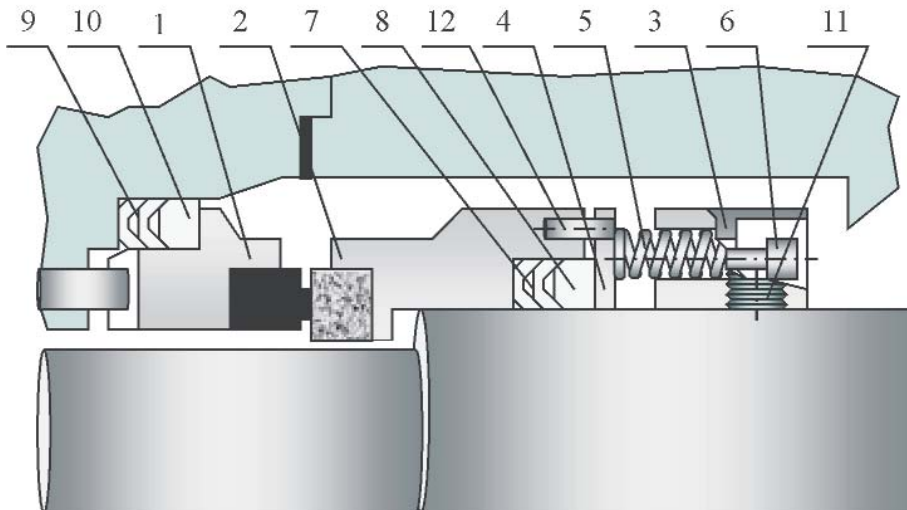
Temperature	From -50 up to +260°C
Pressure	Up to 35 bar (for balanced type) and 10 bar for unbalanced type
Speed	Up to 20 m/sec



Possible options

- Seals may be of balanced or unbalanced type
- Standard shaft dimensions from 30mm up to 120mm
- Materials are chosen individually depending on application
- Seals may be arranged as single, tandem or double

Multispring balanced RKV-MS seal



- 1 - stationary face
- 2 - rotary face
- 3 - spring unit
- 4 - ring,
- 5 - spring
- 6 - screw
- 7 - V-ring
- 8 - C-ring
- 9 - V-ring
- 10 - C-ring
- 11 - screw
- 12 - screw

"The RKV-MS seals have been used successfully at numerous chemical pumps with aggressive fluids"



Nevinomysk Azot chemical