



SV-CN11 CONICAL SPRING SEAL

The **SV-CN11** is a conical single spring pusher mechanical seal is a compact, unbalanced seal with a single conical spring that provides the closing force to the seal faces. It's used in general-purpose applications like **pumps** and other **rotating equipment** to handle clean or slightly contaminated fluids. The key materials for its faces are typically **carbon vs. ceramic or silicon carbide**, with the rest of the components and springs being made from stainless steel **SS-316/304**.

Materials

Seal Ring Faces	: Carbon, SiC and TC
Seat Faces	: NiR, Ceramic, SiC and TC
Secondary Seal	: Viton, Neoprene, EPDM, NBR and Buna-N
Metal parts	: SS 304, SS 316, Hast-C, Alloy-20 & etc.

Operating Range

Shaft Dia.	: 10mm to 100mm
Pressure	: Up to 7 bar
Temperature	: -20 °C to +140 °C
Speed	: Up to 3000 RPM

Features

- For plain or stepped shafts
- Single seal
- Unbalanced design
- Conical spring that rotates
- Performance is dependent on the direction of rotation

