



## SV-MB61 / SV-MB61-V METAL BELLOW BALANCED SEAL

The **SV-MB61/SV-MB61-V** is a Metal Bellow Balanced Mechanical Seal is a non-pusher, single-acting seal that eliminates the need for dynamic O-rings / Vee or springs by using a flexible metal bellows to provide a static seal and compensate for movement. Ideal for high-temperature and corrosive applications, it is manufactured using materials like **carbon, silicon carbide, or tungsten carbide** for faces and **AM350, Hastelloy, or Inconel** for bellows, and is primarily used in the **petroleum, petrochemical, and chemical** industries.

### Materials

Seal Ring Faces	: Carbon, SiC and TCC
Seat Faces	: TC and SiC
Elastomer	: Viton, PTFE, FEP, EPDM and FFKM
Metal parts	: SS 316, Hast- C and Carpenter 42
Bellow MOC	: AM350, Inconel®, Hastelloy® C-276

### Operating Range

Shaft Dia.	: 25mm to 100mm
Pressure	: Up to 25 bar
Temperature	: -30°C to 260°C
Speed	: Up to 3000 RPM

### Features

For plain shafts  
Single seal  
Balanced  
Independent of direction of rotation

