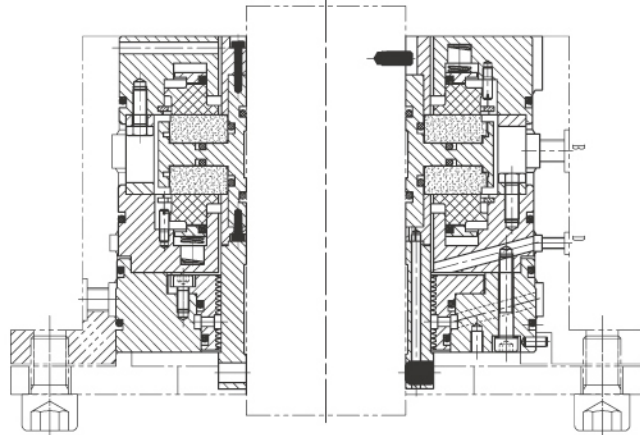


▣ Dry Gas Seal



Advantages

- ▶ Suitable for operating conditions where leakage of process gas to the atmosphere is strictly prohibited, while minor internal leakage of sealing gas is acceptable, such as wet gas compressors in refineries and low-pressure chlorine compressors in chemical plants

Design Features

- ▶ Shrouded seat prevents secondary damage in the event of a seat fracture
- ▶ Seats are driven by pins, ensuring safer and more reliable operation
- ▶ Floating seats improve adaptability to varying conditions
- ▶ Barrier gas is set 0.2 MPa above the process gas pressure, minimizing leakage into the process side and ensuring complete sealing of the process gas

Application Range

- ▶ **Pressure:** $\leq 2\text{MPa}$
- ▶ **Temperature:** $-60^{\circ}\text{C} \sim 200^{\circ}\text{C}$
- ▶ **Speed:** $\leq 180\text{m/s}$