

9280 Gas Box

9280 Gas Box Non-contacting Seal Gas System

Design benefits

- Optimised to supply pressurised barrier gas to the John Crane 2800E mechanical seal up to 15 barg (217 psig)
- Allows monitoring of seal performance through local indicators and optional sensors
- Controls are protected within a lockable enclosure



Product description

The 9280 Gas Box is an entry-level dual mechanical seal support system which delivers a controlled supply of pressurised gas (usually nitrogen) to a non-contacting dual mechanical seal.

With a 9280 Gas Box, a seal can run with zero emissions, lubricated by a small quantity of clean, dry gas.

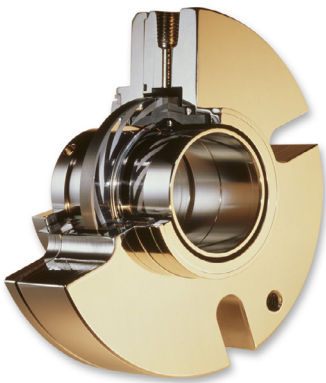


9280 Gas Box Non-contacting Seal Gas System

The 9280 Gas Box is optimised to be paired with the John Crane Type 2800E non-contacting mechanical seal to provide a solution with zero-emissions and very low running costs, where the seal is lubricated by a clean dry gas.

Gas lubricated seals are applicable to multiple applications in chemical industries, and across process industries. The Type 2800E seal and 9280 Gas Box are ideal for ANSI or DIN standard bore pumps, where the process fluid is hazardous and zero-emissions are permissible. The solution will provide zero-emissions, extended seal life, reduced power consumption and replaces a more complex liquid lubricated system.

Both seal and system are completely standardised for simple selection and ordering.



Product Features

- Tamper proof lockable enclosure
- Door mounted pressure gauge and flow indicators
- Optional pressure switch and flow switch to provide remote monitoring
- Optional pressure booster and receiver vessel for low pressure or unreliable gas supplies



North America
United States of America
Tel: 1-847-967-2400

Europe
United Kingdom
Tel: 44-1753-224000

Latin America
Brazil
Tel: 55-11-3371-2500

Middle East & Africa
United Arab Emirates
Tel: 971-481-27800

Asia Pacific
Singapore
Tel: 65-6518-1800

smiths

If the products featured will be used in a potentially dangerous and/or hazardous process, your John Crane representative should be consulted prior to their selection and use. In the interest of continuous development, John Crane companies reserve the right to alter designs and specifications without prior notice. It is dangerous to smoke while handling products made of PTFE. Old and new PTFE products must not be incinerated. ISO 9001 and ISO 14001 Certified, details available on request.

johncrane.com



©2025 John Crane 11/25 **SS303-/9280 Gas Box**