

CONCEPT AND METHOD OF FUNCTIONING

Barrier gas supply systems are available in a wide range of executions - as individual components or as modular units. The individual parts are compatible with each other with regard to their properties. The purpose of these systems is to match the quality of the barrier gas in a seal to achieve optimum conditions and to ensure a problem free functioning.

The primary task of these systems is filtering pressure monitoring and tempering of the barrier gas. This is achieved by the use of shut off valves, filter elements, pressure regulators, non-return valves and monitoring devices. In addition where dew point levels are reached and there is a possibility that acids can form then barrier gas heaters are used. These temper the barrier air in order to avoid the possibility that acid formation can occur and to prevent condensate forming.

These systems are fitted where seals which have been designed for barrier gas supply are used.

APPLICATIONS

These are used as systems or individual components in all application areas where selection and installation of seals using barrier gas is unavoidable.

APPLICATION RANGE

Depends on the specification.

