API 618 Reciprocating Compressors for Hydrogen

Several decades of experience in all industries.

Hundreds of hydrogen compressors in operation throughout the world.

SIAD Macchine Impianti compressors for hydrogen are:

• skid-mounted to facilitate installation and start-up operations;
• easy to maintain. The design facilitates maintenance operations by the end user.

Technical characteristics

• Piston rods specifically treated and a double distance piece to prevent the steel from becoming brittle due to the hydrogen.
• Packing seals with gas recovery system to prevent hydrogen leakage.
• Purging of the distance piece and crankcase with inert gas.
• Use of specific materials for hydrogen in flanges, gaskets and seals.
• Valves specifically designed for use with hydrogen.

Technical Standard

• The experience of SIAD Macchine Impianti engineers, in terms of the service we offer our customers, has resulted in a certified standard which can be adapted to the many requirements of small, medium-size and large industries.

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Industries

• Chemical
• Energy
• Food
• Glass
• Industrial Gas
• Petrochemical
• Refinery

www.siadmi.com
Global Service Division: a complete range of services

To reduce operating costs and to maintain our compressors in conditions of maximum efficiency, SIAD Machine Impianti offers clients a complete range of services, as well as a network of Certified Service Centers run by qualified technicians that extends across all five continents.

Activities

- Original parts
- Services in the field
- Technical support
- Refurbishment and upgrade
- Engineering services:
  - analysis
  - revamping
  - monitoring-diagnostics
- Training

For further information:
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Find out more about our range of services at www.siadmi.com