



The world's most advanced nitrogen cryogenic test facility

As a pioneer of solutions for tomorrow's industrial challenges, Cryostar focused its expertise to create the most advanced cryogenic pump test facility in the world. All our pumps are tested to full capacity using LIN before despatch to the customer. This facility also allows us to test prototype designs.

| Technical data | Centrifugal pumps | Reciprocating pumps |
|---------------------------------|------------------------------------|--------------------------------------|
| Tank capacity (N ₂) | 53 000 l 4 bar max (58 psi max) | 16 000 l 15 bar max (218 psi max) |
| Maximum flow | 15 000 l/min 4000 gpm | 100 l/min 27 gpm |
| Pump maximum operating pressure | 80 bar (1160 psi) | 600 bar (8700 psi) |

1 On the attached pump selection ruler
Input differential head and select one
or several matching pump model(s)
according to the desired flow rate
range.

2 At the back of ruler
According to the pump application,
several corresponding built-in modules
are indicated along with possible
configurations (also see sheet "6 typical
MCP configurations").

3 For detailed pump characteristics
See Cryostar MCP data sheets.

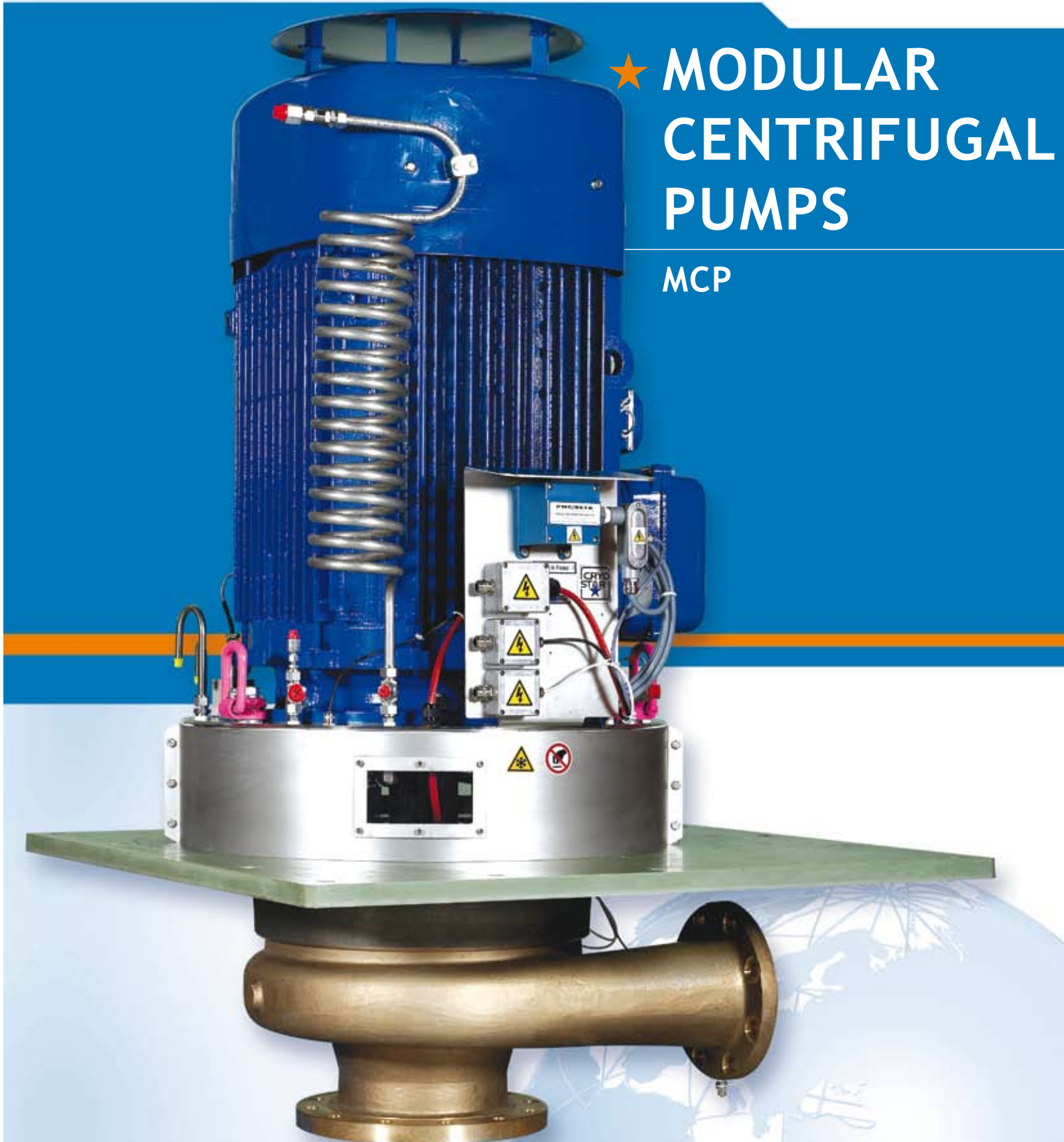


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★ MODULAR CENTRIFUGAL PUMPS

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★ MODULAR CENTRIFUGAL PUMPS

MCP



New Modular Centrifugal Pumps concept

- Wide flow range for low and medium pressure applications
- Execution adapted to customer needs
- Suitable for process and transfer application
- Designed to meet the highest standards of reliability
- High technology design developed from our long and extensive experience
- Design, assembly and testing in compliance with all applicable cryogenic equipment codes
- Optimum safety oriented design
- Easy and low cost maintenance / minimum downtime
- Plug-in cartridge design
- Wide interchangeability: Process, sealing, parts...
- Total access to wet parts in a fix casing concept
- Cold standby or slow roll possibility
- Modular design to meet possible change in application
- Designed for automatic operation



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