

LENNTECH
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**GRUNDFOS A WIDE RANGE
50 Hz**



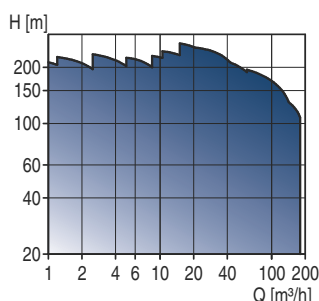
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GRUNDFOS 



CR, CRI, CRN

Multistage centrifugal pumps



Technical data

Flow rate: max. 180 m³/h
Head: max. 330 m
Liquid temp.: -40 °C to +180 °C
Operat. pressure: max. 33 bar.

Applications

- Washing systems
- Cooling and air-conditioning systems
- Water supply systems
- Water treatment systems
- Firefighting systems
- Industrial plants
- Boiler feed systems.

Features and benefits

- Reliability
- High efficiency
- Service-friendly
- Space-saving
- Suitable for slightly aggressive liquids.

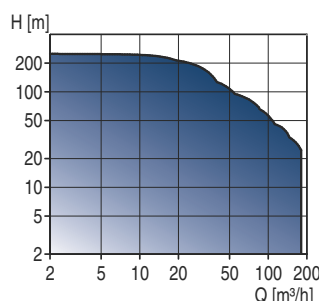
Options

- Dry-running protection and motor protection via LiqTec.



CRE, CRIE, CRNE

Multistage centrifugal pumps - electronically controlled



Technical data

Flow rate: max. 180 m³/h
Head: max. 250 m
Liquid temp.: -40 °C to +180 °C
Operat. pressure: max. 33 bar.

Applications

- Washing systems
- Cooling and air-conditioning systems
- Water supply systems
- Water treatment systems
- Firefighting systems
- Industrial plants
- Boiler feed systems.

Features and benefits

- Wide range
- Reliability
- In-line design
- High efficiency
- Service-friendly
- Space-saving
- Many control facilities.

Options

- Wireless remote control via Grundfos R100, MI 201, MI 202 and MI 301.



CR Monitor

Monitoring of pump efficiency, cavitation and performance

Technical data

Supported pumps CR, CRI, CRN, CRN MAGdrive
Motor range: 1.1 to 75 kW
Enclosure class: IP54.

Available for pumps with standard MG/Siemens motors, MG/Siemens motors supplied from a Grundfos CUE frequency converter and MGE motors with integrated frequency converter

Applications

- Pumps in demanding applications where zero downtime is required.
- Pumps exposed to extreme wear or clogging due to materials in the pumped liquid.
- Pumps in processes where continuous monitoring and control are essential.

Features and benefits

- Detects if the pump efficiency is reduced.
- Detects if the pump is about to cavitate.
- Detects if the pump is running outside its normal operating range.
- Enables planning of pump maintenance in order to prevent unplanned downtime.

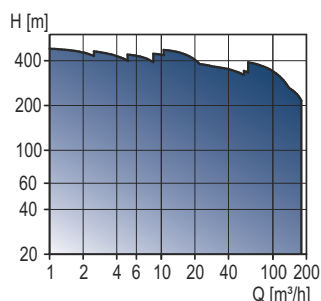
Options

- 24/7 monitoring of operation and protection of equipment
- Bus communication to SCADA system or Web-link
- Data collection, monitoring and setting through local PC or via internet.



CR, CRN high pressure

Multistage centrifugal pumps



Technical data

Flow rate: max. 180 m³/h
Head: max. 480 m
Liquid temp.: -30 °C to +120 °C
Operat. pressure: max. 50 bar.

Applications

- Washing systems
- Water treatment systems
- Industrial plants
- Boiler feed systems.

Features and benefits

- Reliability
- High pressures
- Service-friendly
- Space-saving
- Suitable for slightly aggressive liquids
- Single-pump solution enabling high pressure.

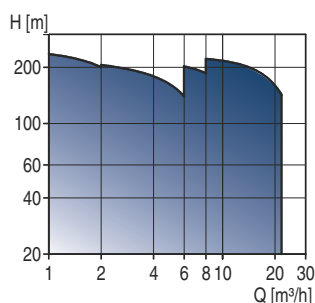
Options

- Dry-running protection and motor protection via LiqTec.



CRT

Multistage centrifugal pumps



Technical data

Flow rate: max. 22 m³/h
Head: max. 250 m
Liquid temp.: -20 °C to +120 °C
Operat. pressure: max. 25 bar.

Applications

- Process-water systems
- Washing in cleaning systems
- Seawater systems
- Pumping of acids and alkalis
- Ultra-filtration systems
- Reverse osmosis systems
- Swimming baths.

Features and benefits

- High corrosion resistance
- Reliability
- High efficiency
- Service-friendly
- Space-saving.

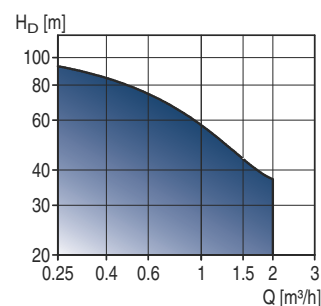
Options

- Dry-running protection and motor protection via LiqTec.



CR DW

Ejector pumps



Technical data

Operat. pressure: max. 16 bar
Ambient temp.: max. 40 °C
Liquid temp.: max. 40 °C.

Applications

- Minor water-supply systems
- irrigation in agriculture and horticulture
- liquid transfer on farms with own well
- weekend cottages.

Features and benefits

- Four sizes and two material versions. One with all wetted parts made of stainless steel.
- Suitable for wells down to 90 m.
- Service-friendly.
- Pump head and base made of electro-plated cast iron.

Options

- Hose kit (for simple change from CPE/CPES to CR DW).