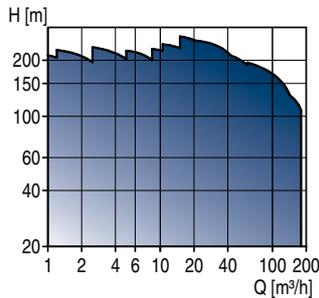




CR, CRI, CRN

Multistage centrifugal pumps



Technical data

Flow rate: max. 180 m³/h
 Head: max. 330 m
 Liquid temp.: -40-180 °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.

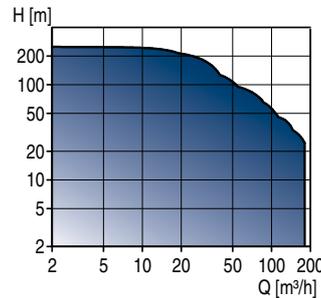
Options

- 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.: -40-180 °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 Go Remote.



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.

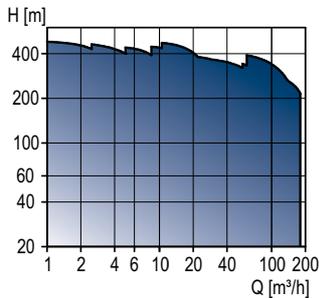
Options

- 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 m ³ /h
Head:	max. 480 m
Liquid temp.:	-30-120 °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.

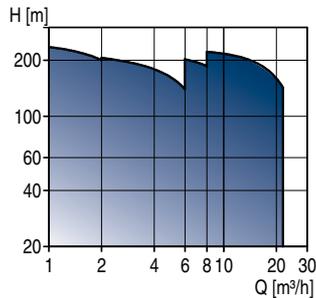
Options

- Dry-running protection and motor protection via LiqTec.



CRT

Multistage centrifugal pumps



Technical data

Flow rate:	max. 22 m ³ /h
Head:	max. 250 m
Liquid temp.:	-20-120 °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.

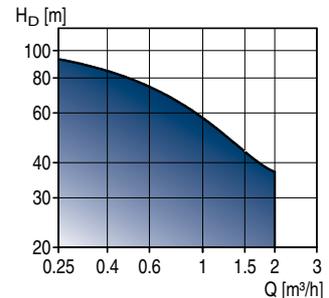
Options

- 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).