

# Grundfos CR motors

## A motor for any application

It comes as no surprise that the motor is a vital component of the final pump. Many years of close cooperation with customers within different industries with different needs have taught us that it takes more than just a single type of motor to meet their requests in terms of power supply, pumping environment and pumped liquid. No pump solution is equal; each is different and many calls for special motor solutions.

Therefore Grundfos offers an endless range of special designs and motor features. The motors are designed with special emphasis on low noise and high efficiency. The high efficiency motors are perfectly adapted to individual pump designs in order to achieve the best possible balance between performance, efficiency and long-term operation costs.





### Unlimited possibilities with Grundfos motors

**Motor position**

Depending on where the pump is to be mounted in the specific installation, the terminal box can be placed on either side of the pump, facilitating its integration into an existing system.

**Supply voltage**

Depending on where in the world the motor is to operate, Grundfos can meet the different requirements as to supply voltage.

**Enclosure class (IP)**

Certain applications require another enclosure class than the CR standard IP55. Grundfos motors provide a range of alternative solutions: IP 65, IP 54 and IP 44.

**cURus classification**

When applications require special motor classifications on the American and Canadian markets, Grundfos delivers motors which are cURus approved.

**Anti-condensation**

In order to prevent condensation to occur inside the motor, Grundfos motors can be supplied with a built-in heating unit.

**Noise level**

In order to limit the noise level at our customer's production site, Grundfos provides a low noise motor range.

**Multi-plug**

The Grundfos motors can be supplied with a multi-plug (Harting® plug) which is specially made for fast mains connections.

**Test sheets**

Whenever our clients need test sheets for their Grundfos motor, our laboratory is authorised to carry out these tests and issue test sheets.

**Non-Grundfos motor brand**

No matter the customer's preference as to the motor brand, Grundfos can supply the pump that fits.

**Four-pole motor**

For applications which require a low noise level or a lower head than the standard CR pump with two-pole motor can provide, the CR pump can be supplied with a low-noise motor.

**Thermal protection**

Grundfos supplies motors with built-in thermal protection or temperature-controlled PTC relays. PTC relays are standard on 3 kW motors and larger and are available on motors smaller than 3 kW. All Grundfos motors are also available with PTO relays.

**Custom-built solutions**

The comprehensive standard Grundfos CR programme covers a wide range of pumps, for a wide range of different industrial applications. Besides, Grundfos designs custom-built pump solutions; acknowledging that sometimes it does not take more, than a little extra effort, to come up with the right solution. With a custom-built pump solution from Grundfos, your pump is capable of handling even higher pressures, more aggressive liquids, excessive liquid temperatures etc.

**Worldwide pump supplier**

Being a worldwide pump supplier, Grundfos has committed itself to provide its clients with a global, reliable and efficient service network. Our experienced team of service technicians are always ready to serve you wherever you are in the world and – of course – at a short notice.