

CRN High Pressure programme

High pressure programme

In a number of industrial applications within the water treatment industry, (i.e. filtration) and the washing and cleaning industry, high pressure is decisive for a successful daily production. Our close cooperation with clients throughout the years, has taught us that it takes a special pump to handle very high system pressure.

Therefore, Grundfos has developed the CRN High Pressure programme; specially designed to cope with high pressure over 25 bar. With the CRN High Pressure programme, Grundfos has designed a pump that makes it possible to deliver very high pressure for a multitude of applications that deal with liquids from potable water to industrial liquids.



Advantages and the CRN High Pressure programme

Complete flow range

The CRN High Pressure comes in two variants; as a single pump solution or as a double pump solution. In applications where a low flow is key to success, one single pump is installed. Likewise, in applications, where a large flow is important for a successful process, two pumps are mounted in series. So, depending on whether our clients are in need of a high or a low flow, Grundfos can supply a high-pressure pump solution.

Robust design

The robust construction of the CRN High Pressure makes it possible for the pumps to handle very high system pressures. The high-pressure pumps have the same long lifespan as the other pumps in the CR range despite the fact that they are constantly working under extreme conditions.



CR range

The CRN High Pressure programme is available in all the CR standard material variants, and can deliver a pressure of up to 50 bar. In applications where the need of pressure and flow exceeds what the CR range has to offer, Grundfos has another solution: Our extensive range of high-pressure boosters, BM and BME.

Technical data	
Max. pressure	48 bar
Max. ambient temp.	40° C
Max. liquid temp.	120° C
Min. flow	No change from standard CRN



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 in the world you are and – of course – at a short notice – whenever you need it.