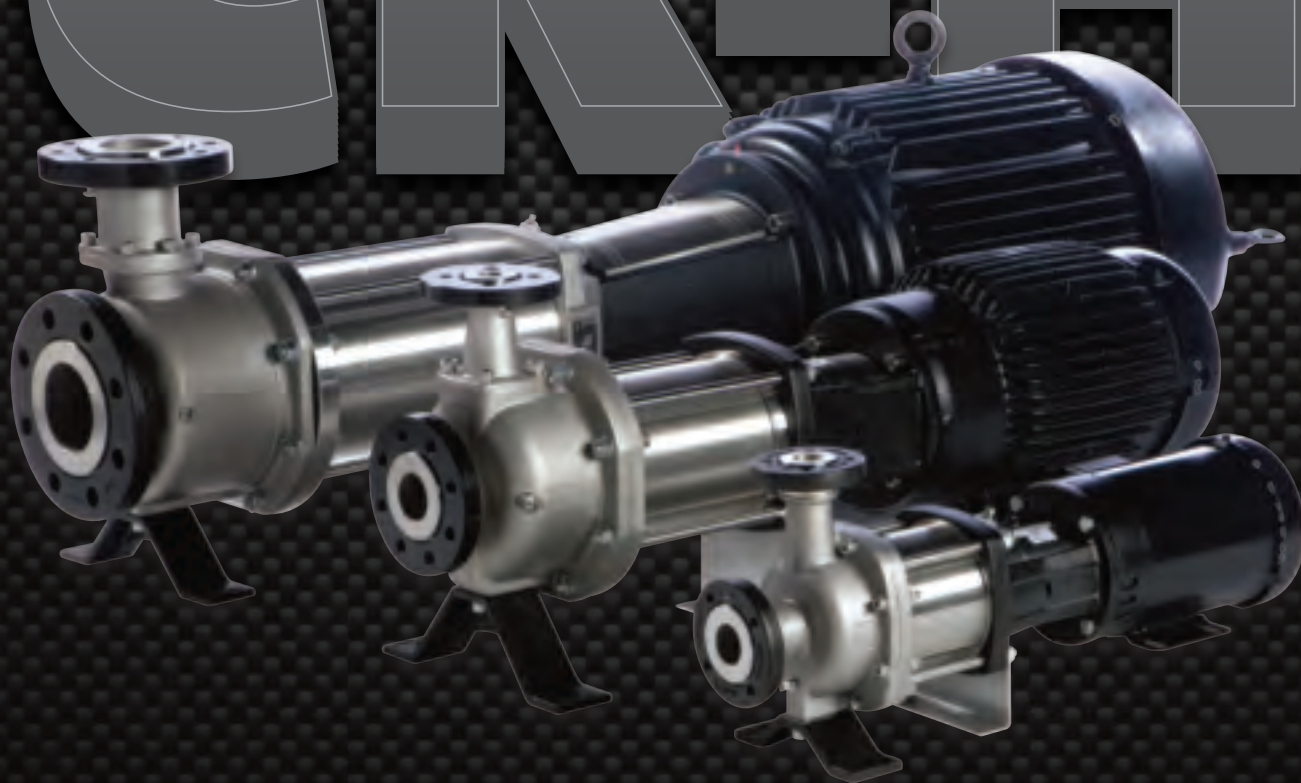


# CR-H



*316 Stainless Steel CR(N)-H*

# **INNOVATION THAT FITS**

be  
think  
innovate

**GRUNDFOS** 



# Optimized Duty Points = Maximized Pump Efficiency

The Grundfos multi-stage CR-H offers all the benefits of the renowned CR in an ANSI dimensional solution that will fit into your existing pump and piping footprint.

In an attempt to maintain interchangeability, ANSI pumps are often selected with low efficiency, high wear operating points to the far left of the best efficiency point (BEP). This compromises the long-term health of a pump by creating stress on the shaft and impeller as well as causes premature bearing and mechanical seal failures. Not only is the overall pump life reduced, but maintenance and day-to-day operating costs are increased.

The Grundfos multi-stage CR-H offers optimized duty points to maximize pump efficiency and minimize internal wear which significantly lowers energy costs, increases pump life, and reduces maintenance.

## Optional Grundfos Baseplate

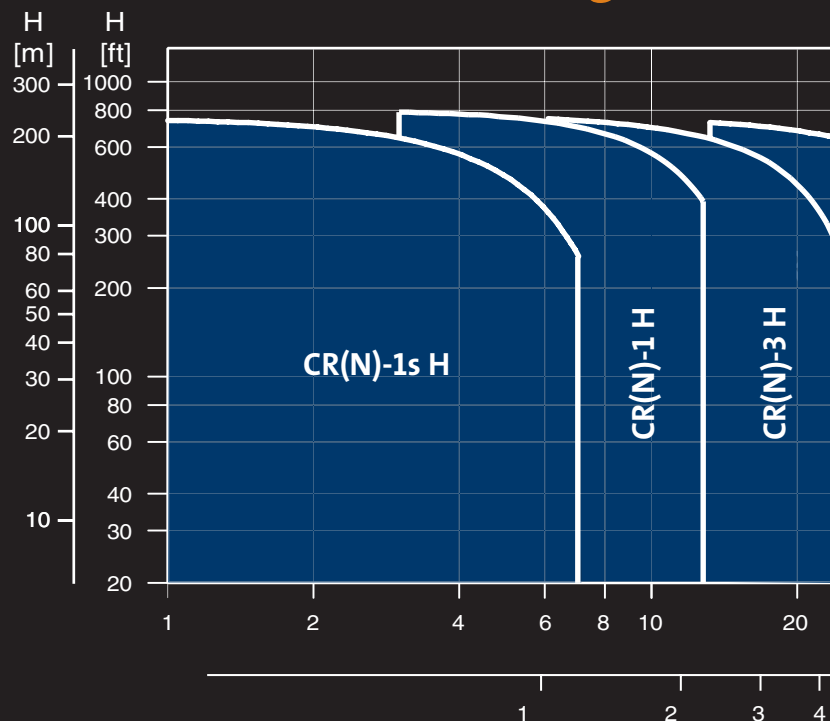
The CR-H can often be mounted to the existing baseplate with some modifications onsite.

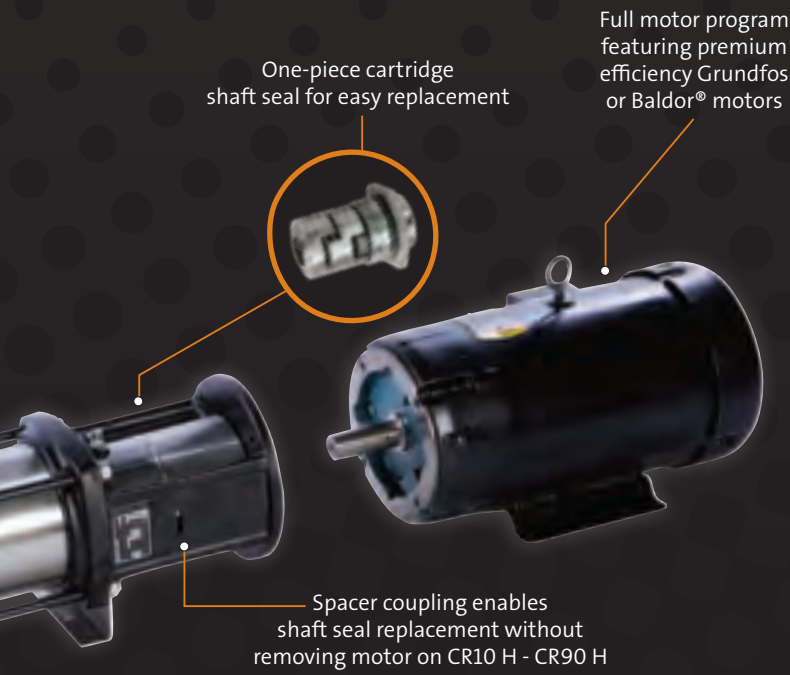


In new installations, many installers will fabricate their own baseplates. Grundfos also manufactures high quality, epoxy powder coated steel baseplates with an innovative "slide mount" feature that makes the CR-H even easier to install and service.



## CR-H Product Range





## Make a **Difference** On Your Bottom Line

### Cost of Ownership

Electricity is the greatest expense associated with ownership of any pump. It accounts for a staggering 85% of the total lifetime cost of a pump, while maintenance and initial investment make up the remaining 7% and 8% respectively. CR-H consumes far less energy than a traditional ANSI pump because it is designed to meet wide-ranging duty points while still operating at efficiencies within the BEP. By reducing energy costs up to 50%, the CR-H can pay for itself in a matter of months.

### Plug 'n Play Retrofit

The Grundfos CR-H can bolt directly into the piping and pump case footprint of a traditional ANSI pump. Simply remove the existing pump assembly, add a motor riser block and install the CR-H on the existing baseplate.

### The Ultimate in Dimensional Interchangeability

The unique design of the multi-stage CR-H allows you to expand your pressure range by adding additional stages, and even up-sizing the motor if necessary, without expensive modifications to your piping or foundation.

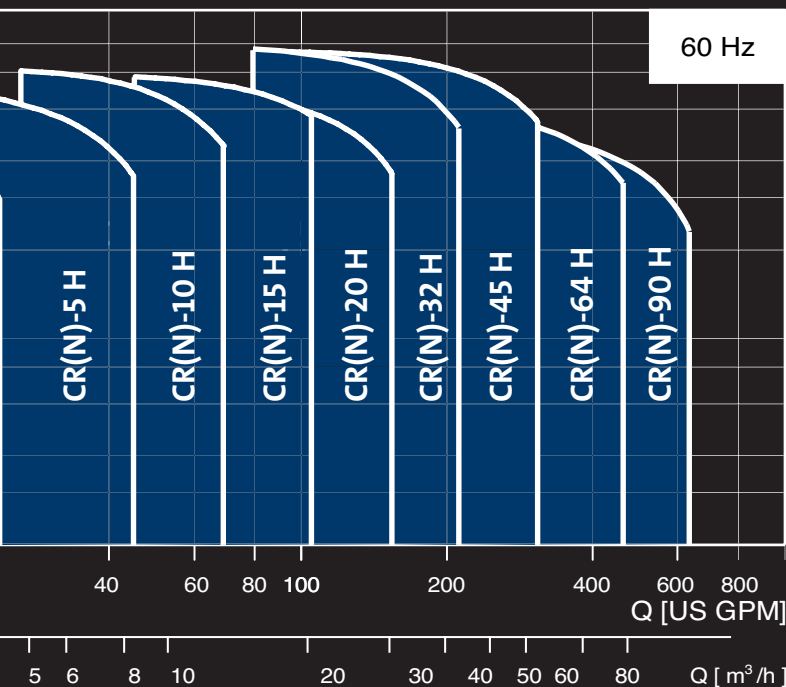
### Reduce Your Downtime — Seal Changes in Under an Hour

The CR-H cartridge seal can be replaced without pump removal, disassembly, or pump-to-motor alignment, and can be completed in as little as 30 minutes. The result? Significant cost savings of labor and downtime; so maintenance personnel can focus on other plant needs.

### Customized Solutions Available

Grundfos offers custom-built solutions for a variety of demanding industrial applications. Featuring integrated and external variable drives, low NPSH option, dry-running sensor, double seals, air cooled top and magnetically driven pumps, Grundfos meets demands for durability and efficient operation.

Technical Data	Connections ( Inlet x discharge )
Flow, Q: max 210 gpm	GA: 1.5 x 1
Head, H: max 630 feet	G05: 2 x 1
Liquid temp: -22°F to 248°F	G22: 2 x 2
Working Press: max 435 psi	GB, G50, G20: 3 x 1.5
	GC, G10, G60, G30: 3 x 2
	G70, G40: 4 x 3
	G33: 3 x 3
	G44: 4 x 4





Grundfos commitment to providing innovative solutions, aligned with the needs of our customers, is demonstrated in this multi-stage in-line horizontal end suction centrifugal pump — the CR-H.

The CR-H provides superior reliability, premium efficiency, and the lowest possible cost of ownership. It is truly an *Innovation That Fits*.

L-CRH-SL-001 Rev. 07-12

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