



PERFORMANCE **PERFECTION**



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# MAKING THE MOST OF STAINLESS STEEL

Strength and efficiency are the hallmarks of this newly developed Grundfos end-suction pump range. These powerful single-stage pumps are designed to work hard in the most demanding industrial environments, where only the fittest pumps will survive in the long run.

Grundfos NB close-coupled and Grundfos NK long-coupled end-suction pumps in stainless steel offer increased reliability in demanding application areas. They include industries, such as:

- > Water treatment
- > Textiles
- > Aqua farming
- > Washing machines
- > Biofuel plants
- > Chemical industries
- > Marine
- > Pulp and paper
- > Power plants

All Grundfos NB/NK stainless steel end-suction pumps are excellent solutions for industrial applications where both small and large volumes of media need to be transferred or circulated. Exceptional performance when pumping clean, slightly dirty, or aggressive media is just an example of the many benefits the pumps can provide. These media primarily include:

- > Drinking water
- > Aggressive industrial water
- > Swimming pool water
- > Seawater
- > Cleaning agents
- > Dyes
- > Fats and oils
- > Wastewater
- > Liquid soap
- > Solvent
- > Distillation



## FULL LINE

Grundfos is a global market leader within the pump industry. We manufacture over 16 million pumps and pump systems annually. Grundfos was the first pump company to using stainless steel intensively, beginning in 1968 and today is one of the biggest producers of stainless steel pumps.

We are specialists: it is our business to know all there is to know about pumping. Our highly efficient worldwide organisation of sales, support and service professionals spans 46 countries in close cooperation with more than 530 service partners.

## STANDARDS

All pump components comply with DIN EN 733 and ISO 2858 standards for end-suction centrifugal pumps. Each Grundfos pump is rigorously tested before leaving the factory, ensuring proper operation when installed and commissioned.

Grundfos' manufacturing plants are certified according to the ISO 9001 standard for quality management.

## GRUNDFOS WEBCAPS ALL THE INFORMATION YOU NEED IS ONLINE

Extensive technical specifications for thousands of pump variants and more are available in Grundfos WebCAPS, our own internet-based pump sizing tool. You can find performance curves, technical literature, illustrations, and even installation and operation manuals. All you need is an internet connection.

## FEATURES AND BENEFITS

Optimised hydraulics in housing and impeller

= free liquid flow

Loose flanges

= for easy installation

Single shaft-seal/Double shaft-seal/Gland packing

= ensures sealing methods for most applications

All stainless steel shafts

= improved corrosion resistance, no sticking elements

Heavy-duty bearing brackets

= correct lubrication, long lifetime

## TECHNICAL DATA

NB/NK Stainless Steel

Flow, Q max. 800 m<sup>3</sup>/h

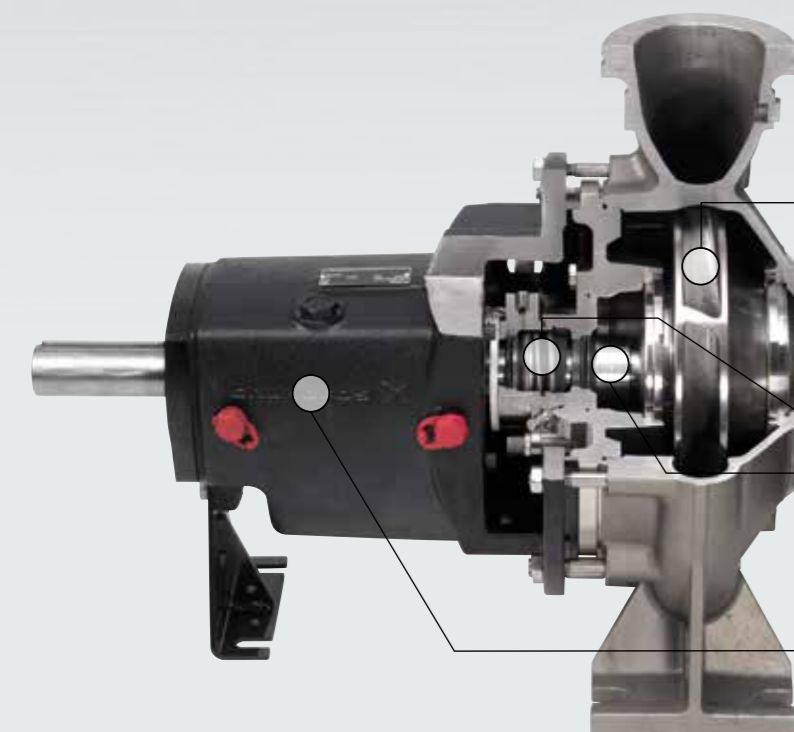
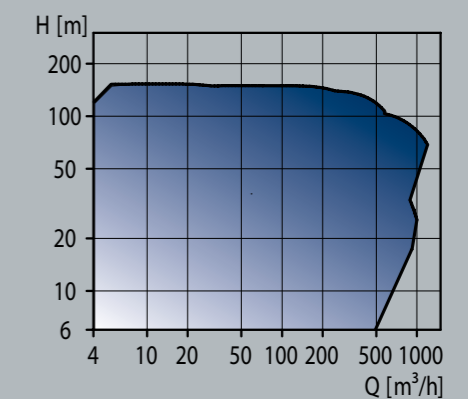
Head, H max. 160 m

Liquid temperature -25 °C to +160 °C

Operating pressure max. 25 bar

Range of materials: GG, bronze, 1.4408 (316), 1.4517 (Duplex)

## PERFORMANCE CURVE



## THE NB/NK STAINLESS STEEL RANGE: PART OF THE GRUNDFOS PORTFOLIO

These highly reliable end-suction pumps ensure maximum efficiency at all times. They are part of the much wider Grundfos portfolio of pump technology, systems, and solutions – a palette which features innovative cleantech, services, and more. Key areas served include:

- › Heating
- › Cooling
- › Water supply
- › Wastewater
- › Fire fighting
- › Dosing and Disinfection
- › Industrial processes

Explore the Grundfos portfolio at [www.grundfos.com](http://www.grundfos.com).  
It is probably larger than you think.