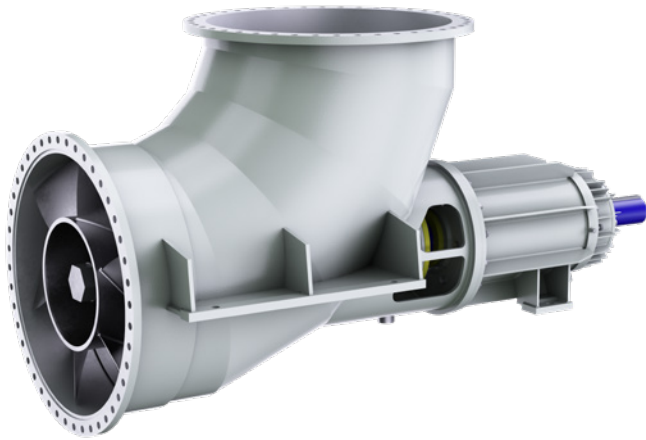


CAHR axial flow pump

The CAHR pump range has been designed for high-flow and low-head pumping applications. With its heavy-duty construction and flexible design, it is suitable for all kinds of industrial schemes and various types of liquids for both highly corrosive and slurry applications.



Main applications

Low-pressure, horizontal and vertical axial flow pumps to meet the process requirements in versatile general and industrial applications:

- corrosive liquids
- abrasive liquids
- solid-contaminated liquids

Design

- Cast design or fabricated design
- Cast impeller with replaceable wear ring
- Available in top or end suction configurations
- No bearing in the pumped liquid
- Cartridge seal is standard with gland packing, single or double mechanical seal
- Strong shaft reduces deflection and ensures long-term reliability of shaft seal
- Heavy-duty bearing frame with high radial and axial load roller bearing to ensure optimal rigidity of the pump

Materials

- Carbon steel
- Austenitic stainless steel
- Duplex stainless steel and super duplex stainless steel
- Titanium
- Nickel, Ni-Cr / Ni-Cr-Mo alloy on demand

Main benefits

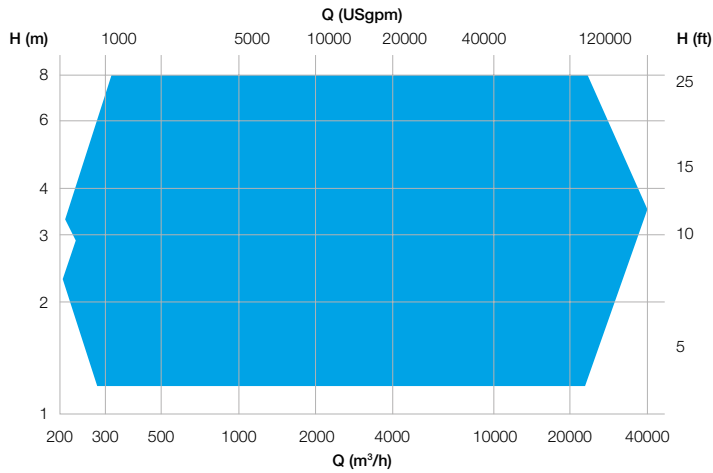
- High efficiency
- High reliability and durability
- Easy installation and maintenance
- High adaptability

Vertical design CAHR-V available

Mainly used as forced feed circulation pump:

- cooler circulation
- phosphoric acid slurry circulation

Performance range

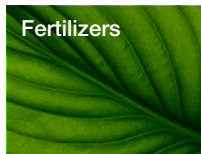


Operating data

	50 Hz	60 Hz
Capacities	up to 40'000 m³/h	up to 176'000 USgpm
Heads	up to 8 m	up to 26 ft.
Pressures	up to 10 bar	up to 145 psi
Temperatures	from -40°C to 180°C	from -202°F to 356°F



Chemical
process
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Fertilizers



Pulp, paper and
board



General
industry



Mining and
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