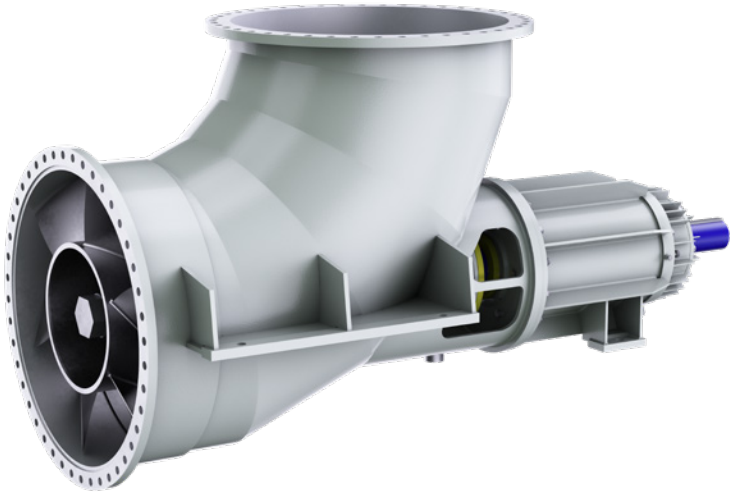
Axial flow pump type Ensival Moret CAHR



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

- Standard materials: cast iron, carbon steel, austenitic stainless steel, duplex alloys
- Other materials upon request: titanium, monel, nickel, etc.

Vertical design CAHR-V available

Mainly used as forced feed circulation pump:

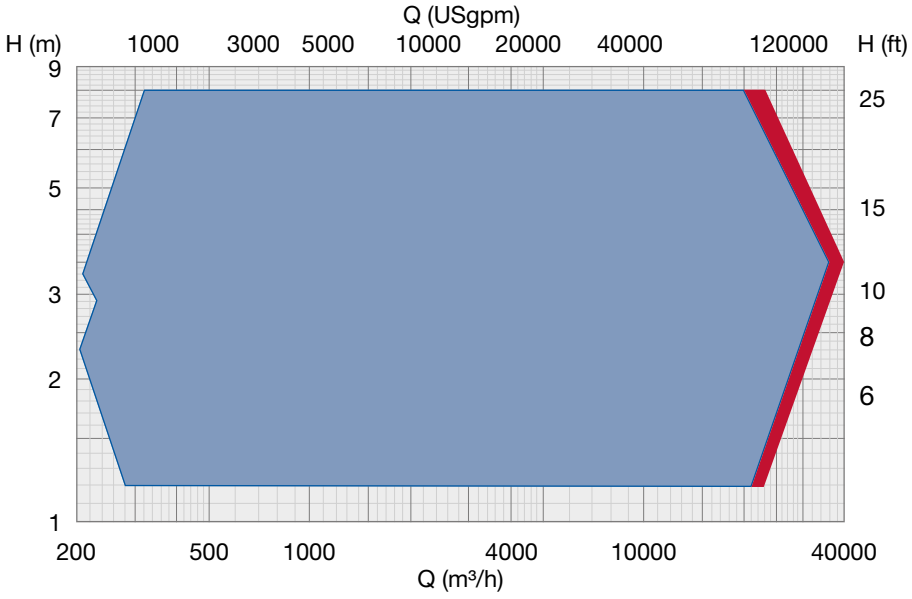
- low-level flash cooler pump
- phosphoric acid slurry circulation pump

- Heavy-duty construction
- Maximum reliability
- Low maintenance costs

Operating data

	50 Hz	60 Hz
Capacities	up to 40’000 m^3/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

Performance range



Oil and gas

Hydrocarbon processing

Pulp, paper and board

General industry

Chemical process industry

Water and wastewater

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