Product overview

Axial flow pumps

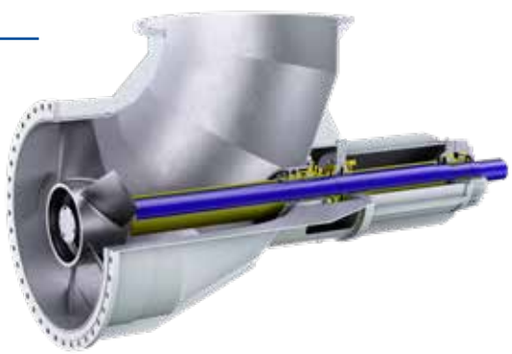
AH high pressure axial flow pump

Features and benefits
- High pressure design, casing designed to ASME section VIII division 1
- Double or triple mechanical seal for 5-year service life target
- Pump design and construction according to API 610 / ISO 13709 principles
- Hand polished internals for superior surface finish
- Suspended pump or sprung baseplate to allow for thermal expansion

Key characteristics
Capacities	up to 18’000 m³/h / 80’000 USgpm
Heads	up to 45 m / 150 ft.
Pressures	up to 100 bar / 1’500 psi
Temperatures	up to 200ºC / 400ºF

Applications
- Polymer slurries
- Reactor circulation in PE/PP plants

CAHR axial flow pump



Features and benefits
- High efficiency in high flow and low head applications
- High durability due to its heavy-duty construction
- Maximum reliability
- Low maintenance cost

Key characteristics
Capacities	up to 40’000 m³/h / 176’000 USgpm
Heads	up to 8 m / 26 ft.
Pressures	up to 10 bar / 145 psi
Temperatures	from -40°C to 180ºC / -202°F to 356ºF

Applications
- Corrosive and abrasive liquids
- Solid-contaminated liquids
- Chemicals
- Evaporation
- Crystallization
- Mining/minerals

CAHR-V vertical axial flow pump

Features and benefits
- Tailor-made design as per project requirements
- High efficiency in high flow and low head applications
- High durability due to its heavy-duty construction
- Maximum reliability

Key characteristics
Capacities	up to 40’000 m³/h / 176’000 USgpm
Heads	up to 8 m / 26 ft.
Pressures	up to 10 bar / 145 psi
Temperatures	from -40°C to 180ºC / -202°F to 356ºF

Applications
- Mainly used as a forced-feed circulator or closed loop under a vacuum circulator
- Corrosive slurries in low-level flash cooler and phosacid slurry circulation