

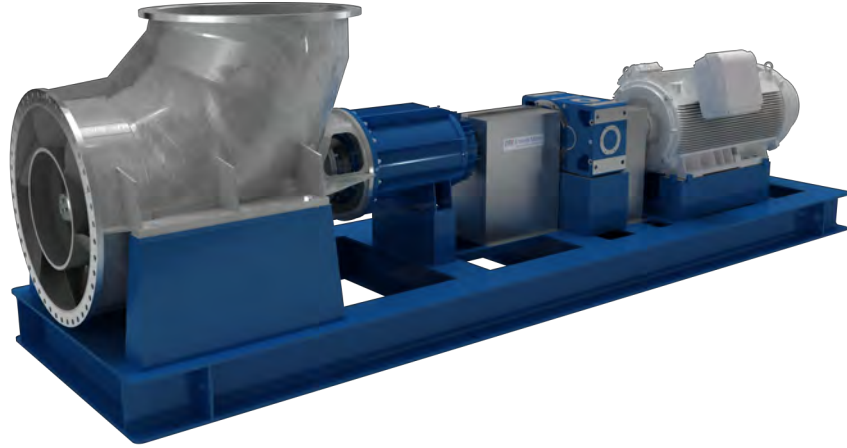
# AXIAL FLOW PUMP FOR HIGH FLOW, LOW HEAD APPLICATIONS

SUITABLE FOR CORROSIVE, ABRASIVE, OR SOLID-CONTAMINATED LIQUIDS AS WELL AS FOR CLEAR LIQUIDS

# CAHR(M) CAHR(K)

## Design :

- / Flanges PN10 or ANSI150 # - Other flange standards upon request.
- / Discharge diameter from 200 mm to 1600 mm. (8 to 64 inches)
- / Cast design or fabricated design
- / Keyed impeller provides high efficiency over the entire performance range while maintaining low NPSHr. Available in top or end suction configurations.
- / Replaceable casing wear ring.
- / Optional shaft protected by a removable shaft sleeve
- / Centre line mounted pump casing
- / No bearing in the pumped liquid.
- / Cartridge seal is standard. Packing gland, single or double mechanical seals are available.
- / Heavy duty bearing frame to ensure optimal rigidity of the pump.
- / Strong shaft reduces deflection and ensures long term reliability of shaft seal.
- / High radial and axial load roller bearing.



## Design :

- / CAHR-M : axial discharge
- / CAHR-K : Axial suction
- / CAHRMV / CAHRKV : vertical version

## Performances :

- / Flow : up to 30000 m<sup>3</sup>/h (132,100 US gpm)
- / Total head : up to 8 m (26 ft).
- / Maximum operating pressure : 10 bar (145 PSI)
- / Operating temperature range : from - 40 °C to 180 °C (-202 °F up to 356 °F)
- / Higher flows upon request

## Standard materials :

- / Cast iron, steel
- / Austenitic stainless steel, duplex alloys
- / Other materials available upon request : titanium, nickel, monel...

## Industrial applications :

- / Chemical industry
- / Petrochemical industry
- / Sugar Industry
- / De-Sulphurization

