

## AHLSTAR A Technology leap

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The reliable and comprehensive AHLSTAR A pump range is available in a broad range of sizes and materials. It provides enhanced performance, improved efficiency, and increased reliability.

From the first design of the AHLSTAR pumps in the mid-1980s, the series has been continuously developed. Now it is time to move over to a new technology era and replace APP with the modern A range.

AHLSTAR is the world's most comprehensive pump series for industrial use. The end-suction single-stage centrifugal pumps are designed to work with all types of liquids also in demanding industrial applications such as the pulp, paper and board industries, chemical process industry and the fertilizers, mining, metals and biofuels industries.

### Key benefits of AHLSTAR A

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- Higher efficiency
- Wider hydraulic scope
- Improved NPSH
- More material choices



## Up to 10% higher energy efficiency

AHLSTAR A pumps have up to 10% higher efficiency than APP pumps over a wide performance range. The high efficiency results in savings in power consumption, and a lower total cost of ownership.

## Wider hydraulic scope

AHLSTAR A offers a wider hydraulic scope than the APP series. An extensive variety of impellers with optimized hydraulics covers a wide range of applications in the process industry.

## Improved NPSH

The improved Net Positive Suction Head of AHLSTAR A enables stable pumping also in low-suction pressure conditions.

## More material choices

We offer an extensive selection of materials; the most commonly used material is duplex stainless steel. AHLSTAR A has a wider availability of materials than APP, such as ductile iron for light industrial applications and titanium for the most demanding chemical applications.

## High interchangeability of parts

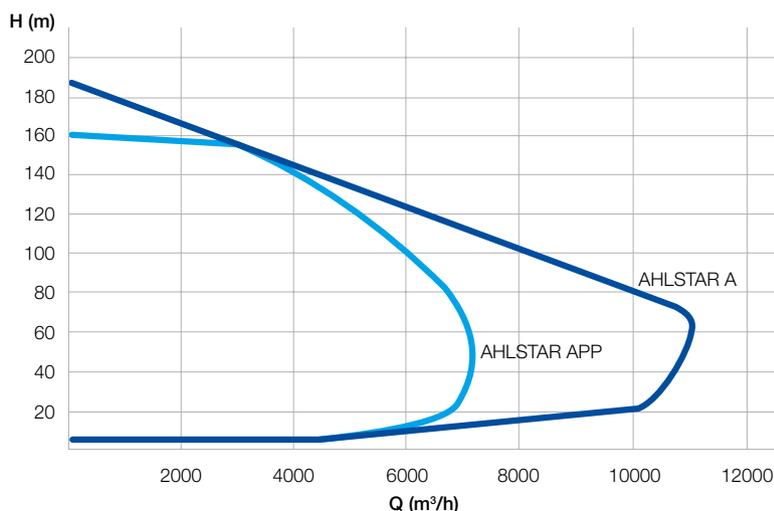
AHLSTAR A and APP pumps use many of the same parts. The modular interchangeability of parts and components enables a low spare parts inventory. Bearing units and most sealing units are interchangeable between the A and the APP series pumps.

## Unique features of AHLSTAR A vs. APP

- Smaller investment cost can be achieved by selecting a smaller but more efficient A pump instead of APP.
- AHLSTAR A pumps with bearing unit no. 7 enable the biggest flows.
- AHLSTAR A offers smaller flows thanks to low-flow hydraulics.
- AHLSTAR A vortex hydraulics offer improved passage.
- ACS drinking water certificate for duplex pumps.
- A heating jacket provides evenly distributed heating across the entire pump.
- A case cover with internal recirculation works for seal flushing without external piping.

## Additional benefits

- The AHLSTAR A range saves energy, sealing water, and the environment.
- Low maintenance costs and long maintenance intervals reduce the life cycle costs.
- Food Contact Materials Certificate (EC) 1935/2004.
- AHLSTAR pumps are 99% recyclable.



AHLSTAR A pumps have remarkably wider hydraulic scope

How can we help you?  
Contact us today to find your best solution.

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