



JOHNSON PUMP
AN SPX BRAND

TopClean AS

Hygienic self-priming liquid ring pumps





TopClean AS



TopClean AS pumps' high quality standard and the modular construction give a robust, reliable pump for a wide variety of industries and applications.

The range has been designed mainly for hygienic applications within dairy, chocolate, food, brewery, cosmetics, biotechnology and pharmaceutical industries but it is also suitable for all kind of applications within other segments such as chemicals.

TopClean AS range is a series of self-priming liquid ring pumps suitable for liquids with gas or air which cannot be pumped with a centrifugal pump.

Processes and Products

TopClean AS is a range of liquid ring pumps suitable to handle a wide variety of clean liquids and liquids containing air or foam.

The pump is used for all kind of applications where a negative suction capability is needed.

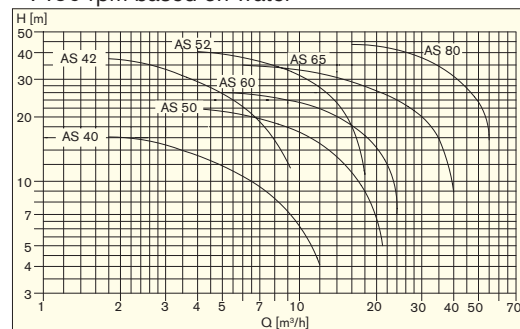
Typical liquids are fruit juice, milk, whey, syrup, edible oil, wine, spirits and alcohols.

The AS pump can also be used for CIP return.

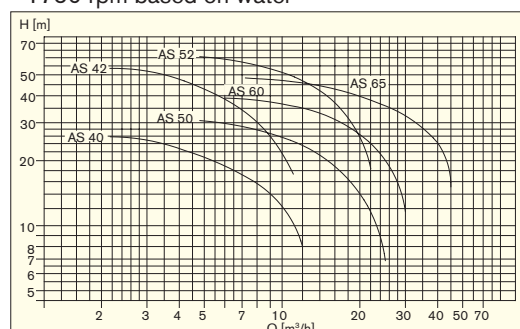


General performance

1450 rpm based on water



1750 rpm based on water



Features and Benefits

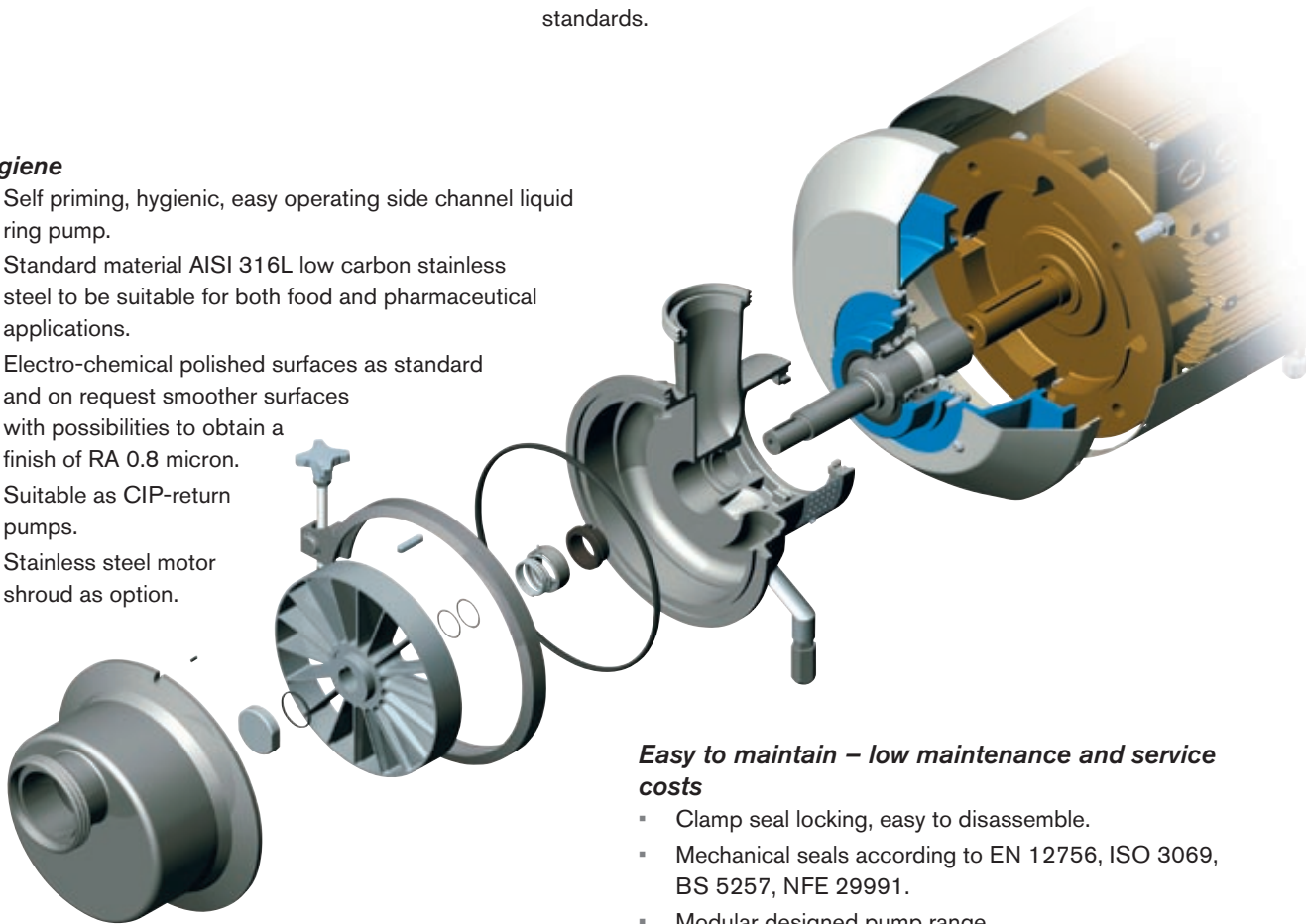


Trouble free operation and high performance

- Casings – Strong, robust and engineered with a material thickness of minimum 6 mm; investment casting.
- Star shape impeller – Manufactured and balanced for efficient and reliable operation.
- Extra support bearing in intermediate casing for long life time and high pressure handling.
- Suitable range of mechanical seal options towards applications.
- Quick inspection and maintenance due to the clamp seal locking of the casing.
- High performance on medium and high pressure due to two stage executions.
- Motors in compliance with international standards as IEC.
- Hygienic connections according to virtually all international standards.

Hygiene

- Self priming, hygienic, easy operating side channel liquid ring pump.
- Standard material AISI 316L low carbon stainless steel to be suitable for both food and pharmaceutical applications.
- Electro-chemical polished surfaces as standard and on request smoother surfaces with possibilities to obtain a finish of RA 0.8 micron.
- Suitable as CIP-return pumps.
- Stainless steel motor shroud as option.



Easy to maintain – low maintenance and service costs

- Clamp seal locking, easy to disassemble.
- Mechanical seals according to EN 12756, ISO 3069, BS 5257, NFE 29991.
- Modular designed pump range.

Other options

- Polished stainless steel motor shroud to protect the motor from water and dust.
- Explosion proof motors.
- Built on safety relief valve to secure the pump or other sensitive equipment installed after the pump.
- Noise reduction valve.
- Trolleys to move pumps between different duties.
- Casing drainage when product or process requires draining of the pump.



TopClean also includes a Hygienic Centrifugal Pump, the CS range. You are welcome to order the TopClean CS brochure or contact your Johnson Pump distributor for more information