

# Hygienic multi-stage centrifugal pump HMCP

High delivery head:  
hygienic, efficient and low-noise

With the HMCP, the Evoguard pump range now includes an efficient multi-stage pump. In its design, we remain true to our philosophy of manufacturing all components that come in contact with the product from solid material using turning and milling methods (no cast or sheet metal parts). This allows us to achieve a very good surface quality in our standard product, meaning the pump can also always be used in sensitive areas with strict hygiene requirements, for example in breweries, dairies, for soft drinks, etc.

Using the latest CFD calculations, a hydraulic design was developed which makes it possible to achieve a high efficiency together with a pump delivery that is gentle on the product. The latest recommendations from the European Hygienic Engineering & Design Group (EHEDG) for the reduction of dead space, enclosed spaces and fast cleaning were also implemented.



## Type HMCP

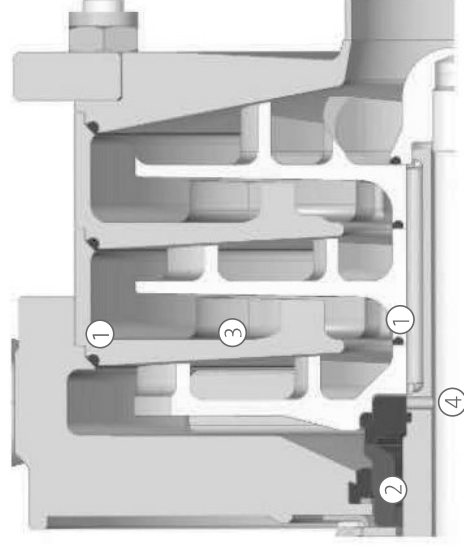
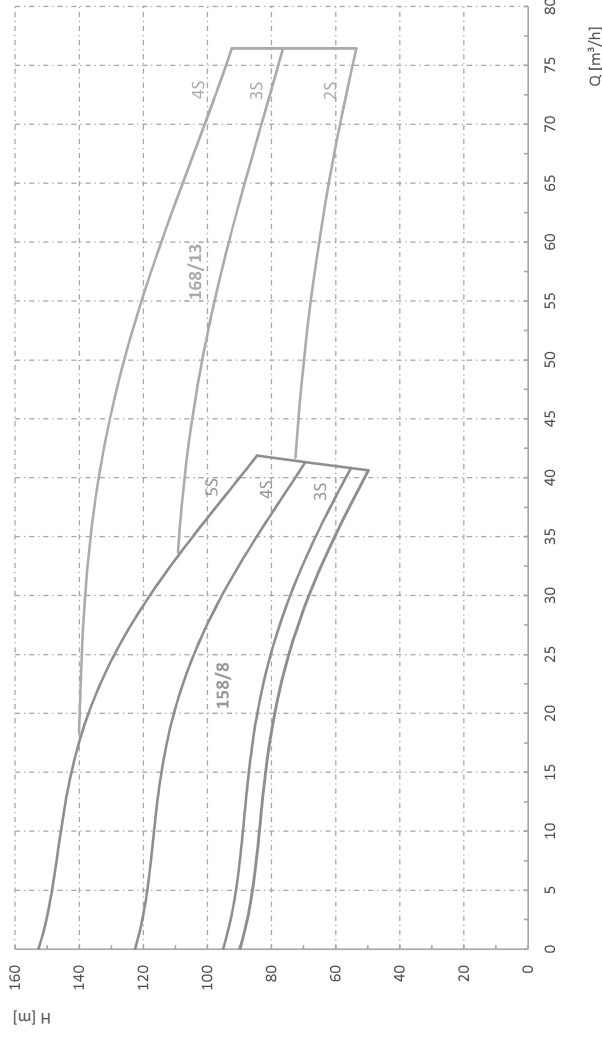
### Performance data (50 Hz)

- Flow rate up to 76 m<sup>3</sup>/h
- Delivery head up to 150 m
- Temperature 95 °C (higher upon request)
- Operating pressure PN 25
- Low NPSH values
- High efficiency

## Technical features

- Available with 2 to 5 impellers
- Elastomer seals in accordance with FDA
- Material 1.4404/AISI 316L
- Mechanical seal single-acting or rinsed
- Motor IE3, design B35 according to IEC standards
- Pump installation on the motor base
- Pipe connection DN50 – DN100 (DIN 11864, DIN 32676 etc.)

## Performance characteristics



## Benefits to you

- Seals in the product flow ①
- Same spare parts like with H1CP ②
- Optimal and quick cleaning
- Low-noise and gentle product treatment
- Saving energy with high degree of efficiency
- Smooth surfaces, highly pressure-resistant ③
- Fast and easy maintenance
- Sealing failure easily detectable ④