Fristam FPC



Fristam centrifugal pumps FPC

Superior pumping performance for gaseous liquids. These new self-priming pumps combine Fristam's proven impeller with a rotor screw. This clever design results in a low-noise hybrid that pumps liquids with significant gas content at high efficiency. The FPC is particularly suitable for CIP return.

SPECIFICATIONS, FRISTAM FPC *

Design Centrifugal pump with upstream rotor screw

for pumping gaseous liquids of low to medium

viscosities.

Construction The eccentrically arranged rotor casing,

recirculation pipe and rotor screw allow easy transportation of gaseous liquids. The FPC's construction follows the proven principles of Fristam centrifugal pumps, ensuring high

efficiency and low noise levels.

The Fristam FPC is manufactured according to our high standards of German engineering with stainless steel forgings and investment

castings.

 Max. revolution speed
 2,900 min⁻¹ (60 Hz: 3,500 min⁻¹)

 Max. discharge flow
 80 m³/h (95 m³/h / 3,500 min⁻¹)

 Max. discharge pressure
 5,8 bar (8.2 bar / 3,500 min⁻¹)

Max. temperature 150°C

Mounting to suit requirements

Material stainless steel 1.4404 (316L)

alternative materials upon request

Gasket material FKM, NBR, EPDM

alternative materials upon request

Mechanical seal single / flushed / double

Mechanical seal materials carbon / stainless steel

carbon / silicon carbide silicon carbide / silicon carbide alternative materials upon request

 \star Please note that the technical information provided above is subject to further development of the product range.



BENEFITS AT A GLANCE

- Pumps liquids with high gas content, e.g. CIP return
- Ideal for the evacuation of inlet pipework and the emptying of tanks
- High efficiency, low energy consumption
- Low noise emissions
- Robust design

