

# SINGLE-STAGE CENTRIFUGAL PUMP WITH MAGNETIC DRIVE

ACC. API



SERIES SLM AP

ACCORDING API 685

**MAX. FLOW RATE:**

3.500 M<sup>3</sup>/H

15,410 USGPM

**TEMPERATURE RANGE:**

-200 °C to +550 °C

-328 °F to +842 °F

**MAX. DELIVERY HEAD:**

220 M L.C.

722 FT

**MAX. PRESSURE RATING:**

PN 400

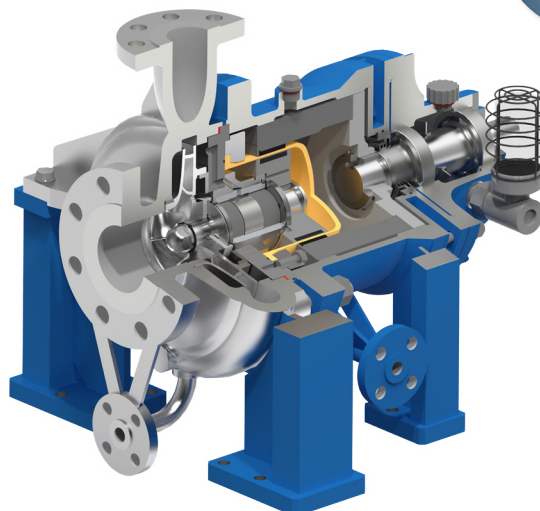
5,802 PSI

## DESIGN

- ▶ Horizontal centrifugal pump, process design
- ▶ Technical design according to API 685
- ▶ Flanges according to ANSI / ASME B16,5, class 150, class 300
- ▶ Permanent & synchronous magnetic drive
  - Maintenance-free
  - Separation of liquid chamber and atmosphere by means of containment shell
- ▶ Pressurized partial flush flow (cooling of eddy current losses / lubrication of journal bearings)
- ▶ Materials: steel, stainless steel, duplex steel, nickel-based materials, titanium
- ▶ Bearing bracket with oil-lubricated anti-friction bearings
- ▶ Product-lubricated journal bearings; made of silicon carbide (SSiC) or customized materials
- ▶ Rub zones as per standard for increased safety
- ▶ Close-coupled design (SLM APC)

## PUMPING OF

- ▶ Acids
- ▶ Aggressive, explosive, toxic, hot and malodorous liquids
- ▶ Coolants
- ▶ Dyes and paints
- ▶ Heat transfer liquids
- ▶ Hot water
- ▶ Hydrocarbons
- ▶ Liquid gases
- ▶ Liquids containing solids
- ▶ Lyes
- ▶ Molten sulfur
- ▶ Salt solutions
- ▶ Sea water
- ▶ Solvents
- ▶ Valuable liquids
- ▶ And many more



MANY  
OPTIONS  
AVAILABLE