SINGLE-STAGE CENTRIFUGAL PUMP WITH MAGNETIC DRIVE

ACC. API



SERIES SLM AP

ACCORDING API 685

MAX. FLOW RATE:

3.500 M³/H 15,410 USGPM **TEMPERATURE RANGE:**

-200 °C to +450 °C

-328 °F to +842 °F

MAX. DELIVERY HEAD:

220 M L.C. 722 FT MAX. PRESSURE RATING:

PN 400

5,802 PSI

DESIGN

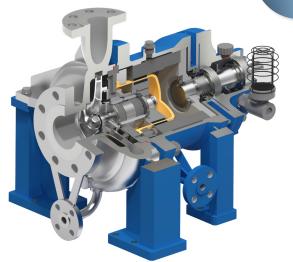
- Horizontal centrifugal pump, process design
- ▶ Technical design according to API 685
- ► Flanges according to ANSI / ASME B16,5, class 150, class 300
- ▶ Permanent & synchronous magnetic drive
 - Maintenance-free
 - Separation of liquid chamber and atmosphere by means of containment shell
- Pressurized 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



CURION OLIVER STATES

KU_FL_SLM AP_2025/00

MANY OPTIONS AVAILABLE