PRODUCT INFORMATION

NEW PUMP SERIES SLM APL

NEARLY FULL COMPLIANCE WITH API 685 2ND EDITION

Significant Advantages Against Other Pump Technologies:

- No dynamic seals / complete fluid containment (single/double containment possible)
- No ancillary seal supply systems
- Up to 450 °C (842 °F) pumped liquid temperature without cooling
- Standard motors or alternate drives in use/possible
- Full range of metallic and non-metallic containment shells available
- Several designs for handling liquids containing impurities (up to 20 % in weight)
- Close-coupled design available as well (API 685 para. 9.1.1.2)

Optional Features:

- Nearly full compliant design acc. to API 685 2nd. Edition
- Full compliant secondary control or secondary containment (double wall isolation shell)
- Full compliant to further options acc. to API 685 2nd Edition (like centerline mounting, baseplate design, testing and documentation requirements)
- Material classes acc. to Annex H like A-8, A-9, D-1, H-1, H-2 and T-1
- High temperature design up to 450°C
- Non-metallic containment shells in ceramic for PN40 applications (no eddy current losses)
- Design for dry run capability and solids up to 20%
- Greased-for-life-lubrication
- Multi-stage design or closed-coupled design

Operating Data:

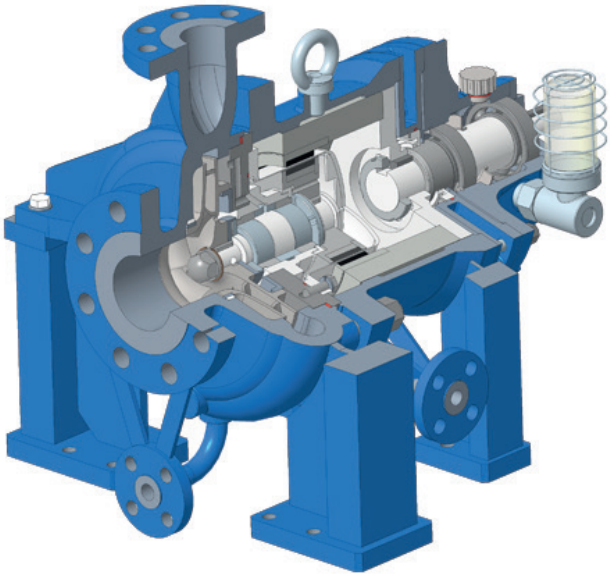
- Flow rate: max. 3,500 m³/h
- Delivery head: max. 220 m L.C.
- Temperature range: -120°C-450°C
- Pressure rating: max. PN 400
- Flange Facing: ANSI & DIN
- Viscosity: 1- 300 cSt

Standard Design:

- Design according to API 685 2nd Ed.
- Material class S-8l
- Casing design PN40 with flanges acc. to ANSI B 16.5 Class 300 / RF, OH1
- Oil lubrication with KU labyrinth and constant oiler
- Casing and intermediate lantern drain flanged

Liquids

- Acids
- Lyes
- Hydrocarbons
- Heat Transfer Liquids
- Coolants
- Liquid Petroleum Gases (LPG)
- Hazardous, Explosive & Toxic Liquids
- Solid-Containing Liquids



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Further designs available; e.g. non metallic isolation shell to improve the allowable working region and pump efficiency.

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