

APD302™

API-682 Series Back-to-Back Double Cartridge Seal
API-682系列 卡夾集裝背靠背式雙軸封

專利 PAT.NO.: M 251060 (TW)
ZL 2004 0000641.9 (CN)

應用條件

APPLICATION DATA:

溫度(TEMP RANGE):-40°C~230°C
壓力(PRESSURE):0~30kg/cm² G
週速(SPEED):25m/sec

標準材質

STANDARD MATERIAL:

金屬部份(METAL PARTS):
SUS316 / Ti2 / C-276
固定環(SEAT RING):
S-SIC / R-SIC / T.C
迴轉環(ROTARY RING):
CARBON / S-SIC / R-SIC / T.C
密封圈(O-RING):
VITON / ERP / CHEMRAZ / KALREZ

應用設備

APPLICATION EQUIPMENT:

- API大型重油輸送泵，易結晶泵，防止VOC揮發的轉動設備雙重密封。
- 製作尺寸依客戶需求。高溫、高壓的運用請諮詢Scenic®。
- Huge heavy oil process pump, Viscosity & slurry pump, Rotating equipment double-sealed to control emissions of VOC (Volatile Organic Compounds).
- Customize dimension is available in both metric as well as inch sizes. Consult Scenic® for higher speed and pressure applications.

結構特性

COMPONENT DATA:

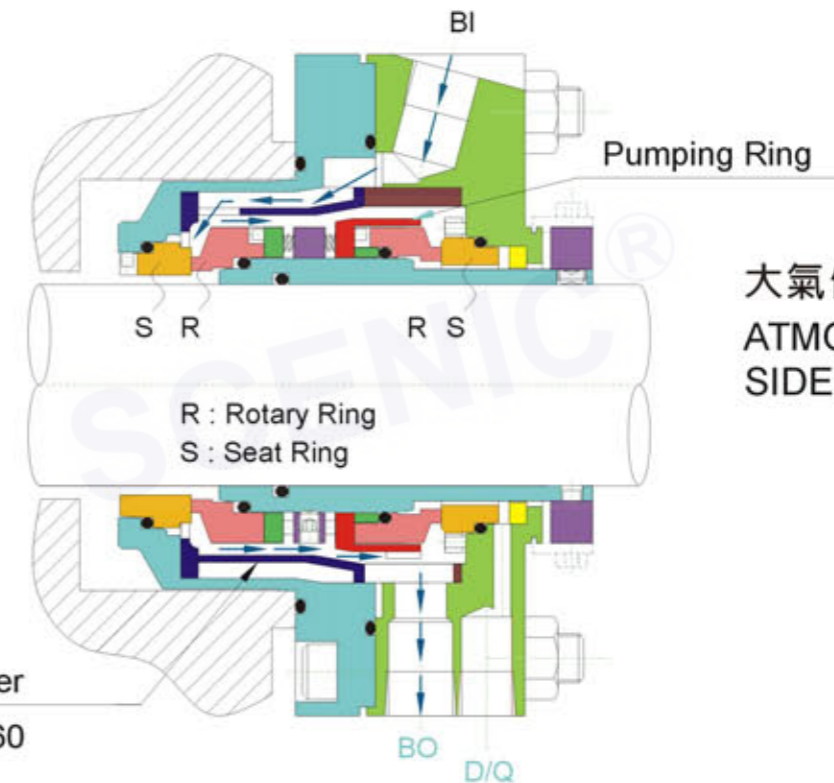
- 卡夾易裝式設計結構依API-682規範設計、製造、測試。
- 專利的冷卻散熱導槽設計，及配合高性能的Pumping Ring，本身可自循環將磨擦面所產生的熱迅速排出。
- 共用多彈簧組設計，彈簧有足夠力量達互補功能。彈簧不與操作液體接觸，不受結晶物的影響。非常適合於重油、高結晶物的轉動設備雙軸封。
- 背靠背設計，符合API 3CW-BB的排列方式。PLAN 52, 53, 54共用。
- 特殊的迴轉環設計，能承受操作時每邊0.5m/m的震幅。
- 構件單純，容易維修及庫存。

FEATURES:

- Complies with API-682 technical design, manufacture and test requirements.
- Patented "Cooling-Liquid Guiding Structure" & maximize pumping ring design. Self-flushing that takes away quickly the heat produced by the friction components.
- Interchangeable multi-spring device design. The spring has enough support strength to compliant the compensation. Spring is isolated from operating product. Non-clogging. Excellent double seal for rotating equipment in heavy oil, high slurry and viscosity chemicals application.
- Back-to-Back design, meets to API "3CW-BB" Contacting wet seals in a back-to-back configuration. Fits to either an API Flush Plan 52, 53 or 54.
- Special rotary design that resists movement of 0.5m/m each side under operation.
- Simple components, easy repair and storage.
- Standard materials per API-682.



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Fluid Flow Guider
PAT NO:M251060