

APD355™

API-682 Series Tandem Double Cartridge Seal
API-682系列 卡夾集裝縱列式雙軸封

應用條件

APPLICATION DATA:

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

構造材質

STRUCTURE 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燃料及化學品輸送泵，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®。
- Fuel & chemical process 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:

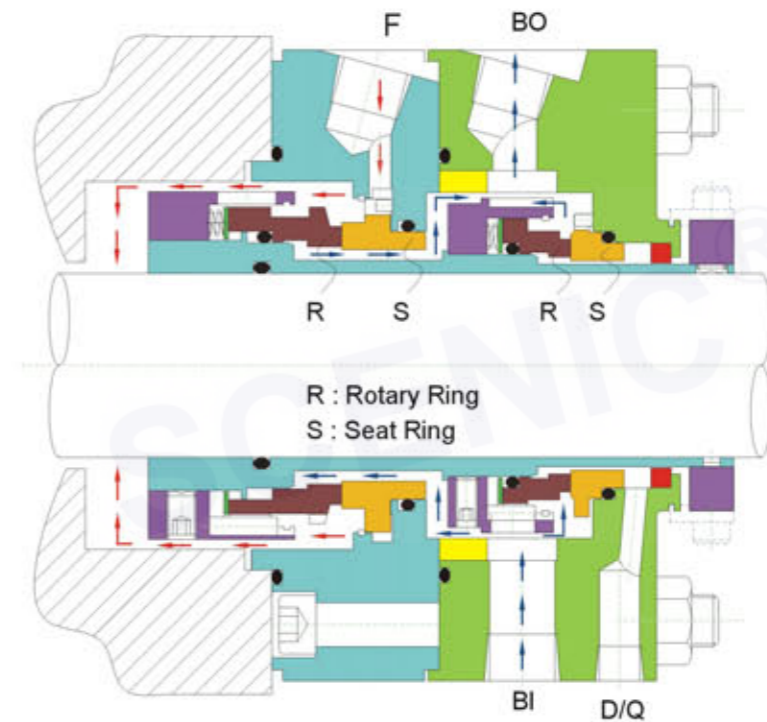
- 卡夾易裝式設計結構依API-682規範設計、製造、測試。
- 縱列式設計，符合API 3CW-FB的排列方式。結構強。
- 內側的固定環為耐高壓式的設計，使得O-RING的耐用性更持久。相對磨面的磨耗所產生的熱容易被沖洗液帶走。
- 外側軸封有高性能的pumping ring構件。冷卻液輸送到儲罐桶(Seal Pot)流量大，熱交換效果佳。
- 密封面特殊設計，能承受偏擺振幅。

FEATURES:

- Complies with API-682 technical design, manufacture and test requirements.
- Tandem design, meets to API "3CW-FB" Contacting wet seals in a face-to-back configuration. The structure is very strong.
- The seat ring of inboard seal is high pressure resistant design that prolongs the usage of o-ring. The heat produced by the friction components will be taken easily by the flush fluid.
- Outboard seal with maximize pumping ring design. The flow volume of coolant to the reservoir is big that presents excellent heat exchange.
- Sealing faces are special designs can resist run-out movement.
- Standard materials per API-682.



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R : Rotary Ring
S : Seat Ring