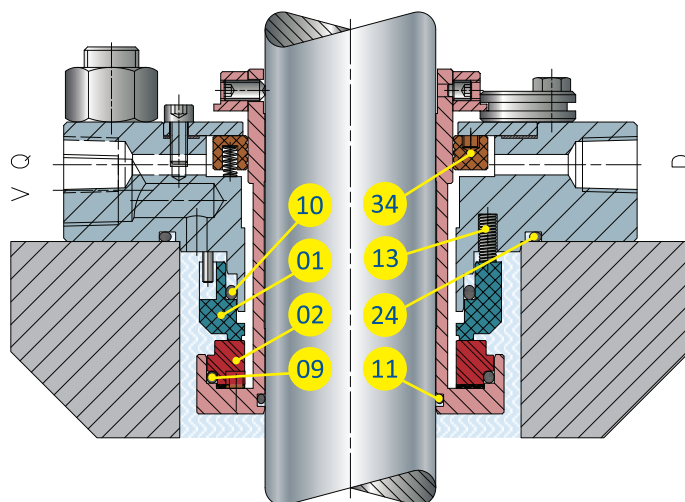




COMPONENTS KEY (standard materials)

- 01** Stationary ring: graphite impregnated resin for dry running (ZD71)
- 02** Rotary ring: reaction bonded silicon carbide (U41), sintered silicon carbide (U31)
- 09** Rotary ring gasket: fluoroelastomer (V), EPDM (D), FFKM (G720)
- 10** Stationary ring gasket: fluoroelastomer (V), EPDM (D), FFKM (G720)
- 11** Sleeve gasket: fluoroelastomer (V), EPDM (D), FFKM (G720)
- 13** Springs: Hastelloy (I)
- 16** Bushing: graphite (Z3)
- 24** Flange gasket: graphite (G5)

ADVANTAGES

Single cartridge seal designed in compliance with standard API 682 4th, suitable for dry running contacting especially recommended on vertical side delivery pumps for containment of the vapours of the pumped product. Also suitable as an ancillary safety solution in magnetic driven pumps to avoid leakage of liquid in case of breakage of the shell.

The secondary mechanical containment seal is the stationary type for high peripheral speeds. Fluiten's Fluigrad technology reduces the heat generated by the seal faces to a minimum.

FEATURES

- Standard solution resulting from tested designs and made in compliance with standard API 682 4th edition
- Dual direction of rotation
- Connections for flushing or vent and control of physiological leakages of the seal on the process side
- Possibility of sizing the shaft's flange and sleeve according to customer request
- Solution developed for installation in existing machines
- Recommended for vertical API pumps
- Usable as a containment seal for magnetic driven pumps API 685
- Can be installed on fans and process blowers

RECOMMENDED PLANS

Product side: 02.

Atmosphere side: 61.

Operating limits

DIAMETER [mm]	FROM 20 TO 110
SPEED [m/s]	≤ 23
TEMPERATURE [°C]	FROM -40 TO 176
PRESSURE PROCESS [bar]	FROM VACUUM TO 1

Operating limits differing from those reported can be defined and approved by our Sales Technical Department. The indicated speed and pressure values are not absolute limits but are evaluated by calculating their P V product and also by taking into account the temperature and chemical/physical features of the fluid. For this reason, maximum pressure, speed, temperature and shaft diameter values cannot be combined together.