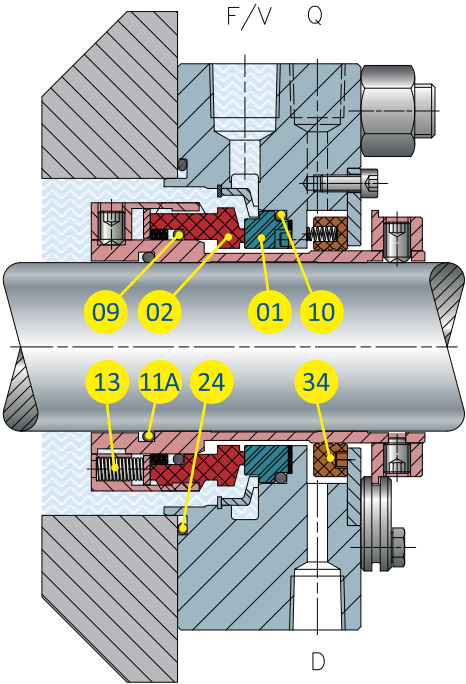


COMPONENTS KEY
(standard materials)

- 01 Stationary ring: reaction bonded silicon carbide (U41), sintered silicon carbide (U31), integral tungsten carbide bound nickel (K21)
- 02 Integral rotary ring: graphite antimony impregnated (Z11), inserted sintered silicon carbide (U32), inserted tungsten carbide bound nickel (K22)
- 09 Rotary ring gasket: fluoroelastomer (V), EPDM (D), FFKM (G720)
- 10 Stationary ring gasket: fluoroelastomer (V), EPDM (D), FFKM (G720)
- 11A Sleeve gasket: fluoroelastomer (V), EPDM (D), FFKM (G720)
- 13 Springs: Hastelloy (I)
- 24 Flange gasket: fluoroelastomer (V), EPDM (D), FFKM (G720)
- 34 Floating: bushing carbon



ADVANTAGES

Single cartridge seal designed in compliance with standard API 682 4th edition. Seal widely used and appreciated thanks to its sturdiness and capability to withstand high mechanical stress. Very versatile and also suitable for applications with hot water or feed pumps with plan 23. Possibility of exceeding the limits set forth by the standard of reference when assessed by Fluiten.

Operating limits

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

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.

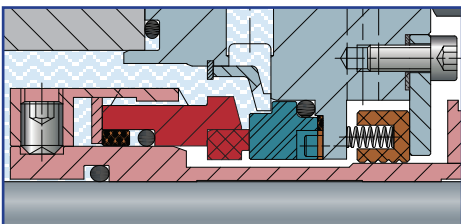
FEATURES

- Standard solution resulting from tested designs and made in compliance with standard API 682 4th edition
- Single cartridge seal, balanced and flange with floating bushing
- Dual direction of rotation
- Solid sealing rings
- Drive system with three “Fluiten designed spine” recognised as being the only one reliable and resistant to vibrations and shaft misalignments
- Connections for flushing, quench and/or drain
- Uniform distribution system of multipoint injection flushing
- Possibility of sizing the shaft flange and sleeve according to customer request
- Recommended for API horizontal and vertical pumps

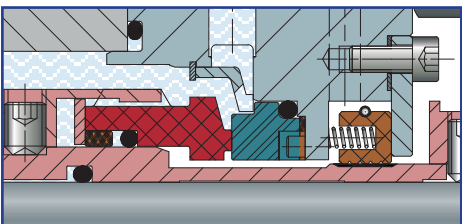
RECOMMENDED PLANS

Product side: 01, 02, 03, 11, 12, 13, 14, 21, 22, 23, 31, 32, 41.

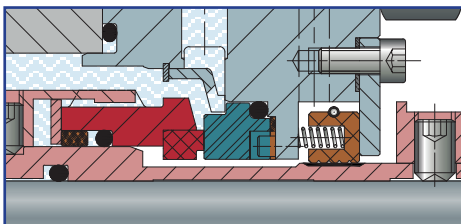
Atmosphere side: 51, 61, 62, 65A/B, 66A/B.



Version with inserted ring



BM6Q version with segmental bushing (1CW-FL)



BM6Q version with inserted ring