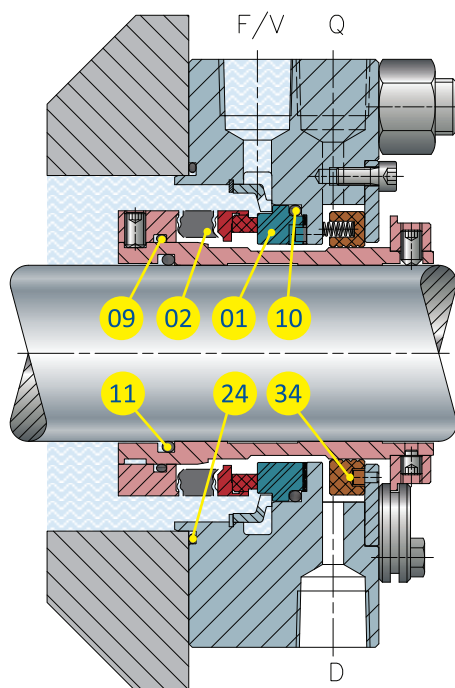




COMPONENTS KEY (standard materials)

- 01** Stationary ring: reaction bonded silicon carbide (U41), sintered silicon carbide (U31), integral tungsten carbide bound nickel (K21)
- 02** Rotary bellows in AISI 316+Hastelloy (xl) and *inserted rotary ring*: graphite antimony impregnated (Z12), inserted silicon carbide (K32), 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)
- 11** Sleeve gasket: fluoroelastomer (V), EPDM (D), FFKM (G720)
- 24** flange gasket: fluoroelastomer (V), EPDM (D), FFKM (G720)
- 34** Floating: bushing carbon

ADVANTAGES

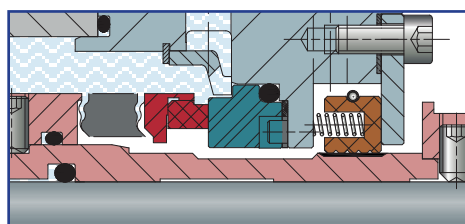
Single cartridge seal with metal bellows designed in compliance with standard API 682 4th edition. The gaskets of the seal are static and flexibility is guaranteed by the metal bellows. This makes TR6S especially suitable with liquids which crystallize or solidify in contact with the atmosphere and when the nature of the pumped liquid is not clear or defined. Solution also available with special materials resistant to chemically aggressive fluids.

FEATURES

- Standard solution resulting from tested designs and made in compliance with standard API 682 4th edition
- Rotary metal bellows and flange with floating bushing
- Dual direction of rotation
- Uniform distribution system of multipoint injection flushing
- The bellows solution in category 2, with O-rings as secondary gaskets, is especially suitable for fluids which tend to crystallize in contact with the atmosphere where the possibility of an external wash is not guaranteed.
- Connections for flushing, washing and/or drain of any leaks
- 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.



TR6Q version with segmental bushing. (1CW-FL)

Operating limits

DIAMETER [mm]	FROM 20 TO 110
SPEED [m/s]	≤ 23
TEMPERATURE [°C]	FROM -60 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.