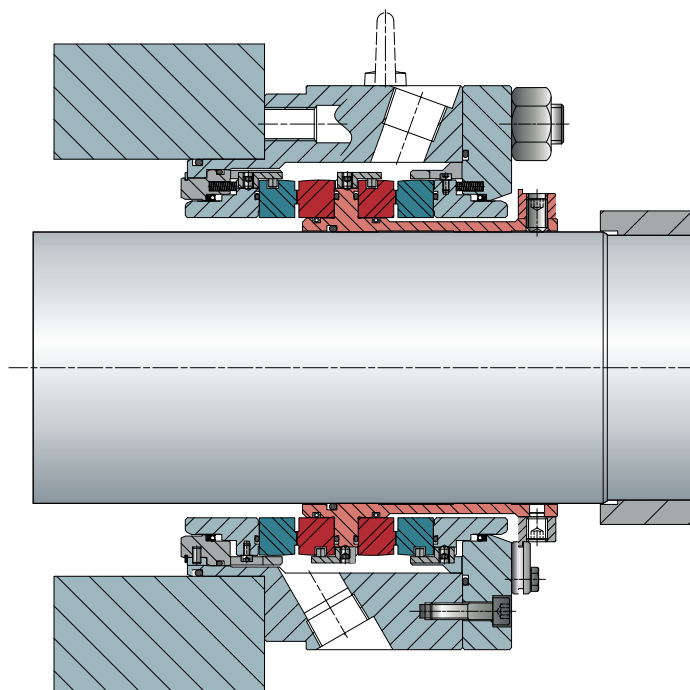




FEATURES

1. Double face to face seal (3CW-FF) “engineered” pre-assembled unit with flange and sleeve, for quick and easy installation
2. Monolithic sliding faces and geometry developed with FEM to minimize deformations at high pressures and temperature variations. Patented drive system, which does not have bad influence on ring structure
3. Insensitive to shaft deflections due to stationary design
4. Increase operational performance and reduce maintenance cost
5. Different materials available for mechanical seals and metal parts
6. Zero pumped product emissions to atmosphere

RECOMMENDED PLAN

Product side: 02,03,11*,32*

Barrier side: 53B,54

*To be provided by pump manufacturer

Operating Conditions

DIAMETER [mm]	30-150
SPEED [m/s]	0-40
TEMPERATURE [°C]	-40 - 300
PRESSURE PROCESS [bar]	Vacuum ÷ 150

Materials

Sliding Face: Silicon Carbide (U31, U41); Carbon (Z11, Z31); Carbon impregnated silicon carbide (ZU3)

Secondary Seal: FKM (V); EPDM (D); FFKM (G720); Energized PTFE (T3)

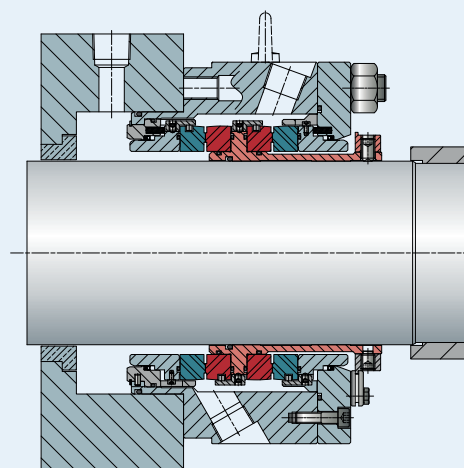
Springs: Hastelloy C (I)

Other metal parts: 316 ss (E), Duplex (E3), Superduplex (E7), Hastelloy (I)

Recommended applications

- Oil & Gas
- Petrochemical
- Chemical
- Power

Product variant



HPKF PLAN 11-32