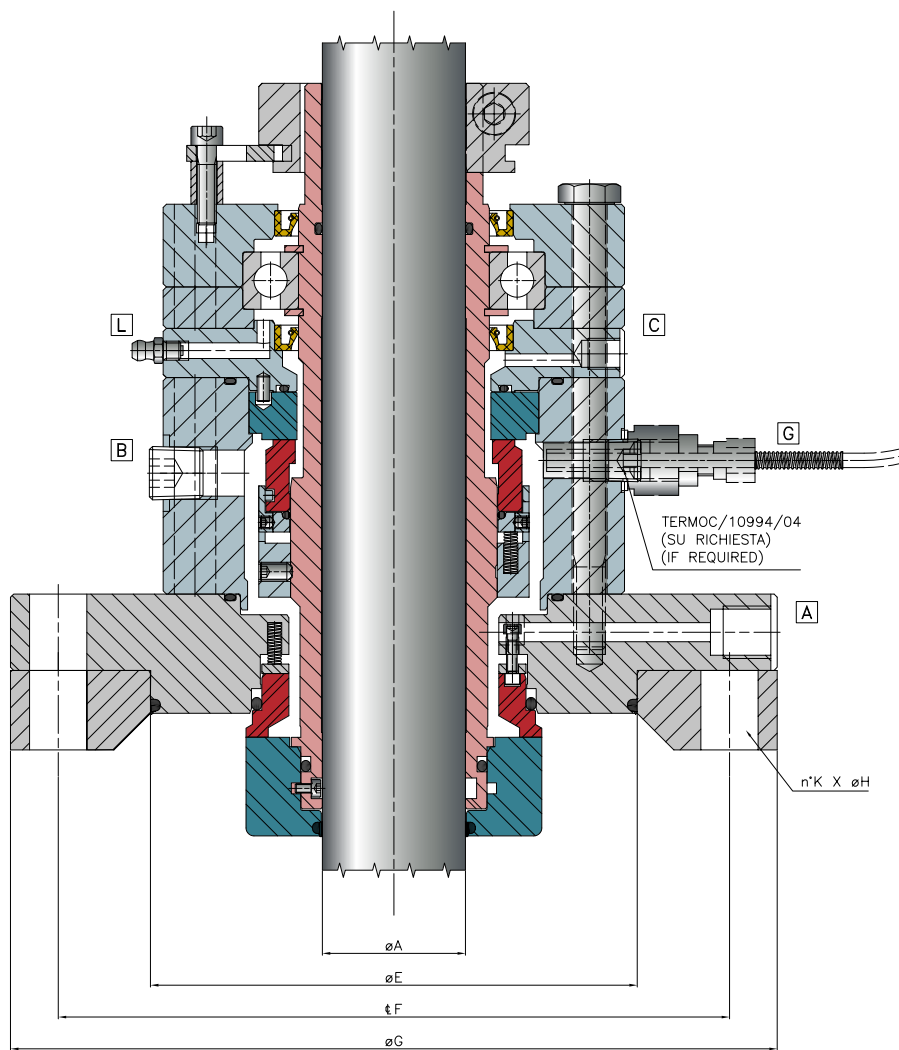


GT1960F

GT1960F seal meets all the requirements laid down by the pharmaceutical industry. Its special shape allows perfect cleaning and sterilization in place (CIP and SIP). So it can be installed in aseptic environments. Double sealing involves pressurization with a barrier gas that separates the process from the atmosphere, thus preventing process contamination and equipment leakage. The materials are FDA-certified, and the cartridge version with built-in bearing keeps maintenance and operating costs to a minimum. The dimensions of the connecting flange comply with DIN 28138, but can be engineered according to the dimensions of the equipment.



MATERIALS

PRODUCT SIDE

- U51/U51: pressurized gas lift-off
- U31/U31: pressurized wet

ATMOSPHERIC SIDE

- U51/U51: pressurized gas lift-off
- Z51/U31: pressurized wet
- U31/U31: pressurized wet

FDA APPROVED SECONDARY GAS

- V4; D3; G731 or G718

METAL PARTS

- AISI316; others on request

MATERIALS DESCRIPTION

U51: Fluidiamond

U31: Alpha sintered silicon carbide

Z51: FDA carbon - wet application

ZD51: FDA carbon - gas dry running

V4: FKM, FDA approved fluoroelastomer

D3: EPDM, FDA approved

G731 or G718: FFKM, Perfluoroelastomer

T33: PTFE energized FDA approved for

OPERATIONAL LIMITS

Speed (m/s): 10

Temperature (°C): -40°÷ -200°

Process pressure (bar): V÷6

Barrier pressure: 2 bar > process

øA h8	ø	E e8	F	G	K	H ø
40	50	110	145	175	4	18
50	60	176	210	240	8	18
60	70	176	210	240	8	18
80	95	204	240	275	8	22
100	120	234	270	305	8	22
125	140	260	295	330	8	22
140	160	313	350	395	12	22
160	180	313	350	395	12	22