Characteristics

a) Seal rings designed using FEA to ensure correct flatness in all operating conditions.

b) Springs outside the product for high reliability even with viscous media. Clean profile enables seal to tolerate products that crystalise during manufacture.

c) Increased sleeve thickness and space under the seal rings to prevent deformation and enable the seal to tolerate higher run-out levels.

d) Connection for gas flushing.

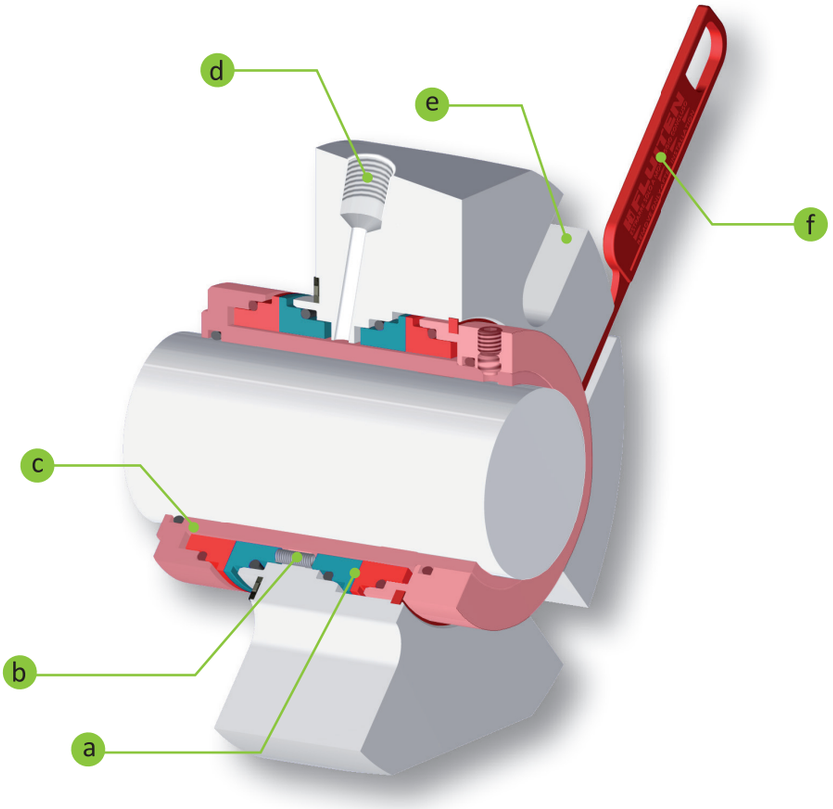
e) Slotted flange for greater versatility.

f) Flui*strip:* seal setting device easily pulled clear after seal is installed.

*NOTE: barrier fluid pressure must always be higher than the process pressure with ΔP as per operating limits.

CB4F

Gas lubricated double seal developed to safeguard the environment and eliminate process contamination. The seal is designed with "Fluilift" (see pg.10) non contacting face technology and is pressurised with an inert gas that lubricates the faces and provides a gas barrier between process and atmosphere. The seal incorporates laser etched grooves that maintain a controlled gap between the faces, even at low rotating speeds, eliminating friction, heat generation and process contamination. Power consumption is also reduced.



Operating limits

DIAMETER *(mm)*	**FROM 20 TO 90**
SPEED *(m/s)*	**≤ 25**
TEMPERATURE *(°C)*	**FROM -20 TO 150**
ΔP= minimum 2 - 2.5 *bar See NOTE**	
PROCESS PRESSURE *(bar)*	**VACUUM TO 25**

For operating limits other than those specified, please consult our Technical Department. The pressure and speed values indicated are not absolute limits, but should be evaluated by calculating the pressure x velocity value (PV) and considering the temperature, chemical and physical characteristics of the fluid to be sealed.

FOOD INDUSTRY | CHEMICAL INDUSTRY | PHARMACEUTICAL INDUSTRY | GAS NON-CONTACTING | BI-DIRECTIONAL | BOTTOM ENTRY | SIDE ENTRY | TOP ENTRY

Images and dimensions may contain elements differing from the standard configuration or refer to different markets. The product may be subjected to technical or commercial modifications.