

TYPES

Clean profile seals

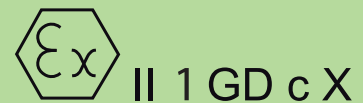
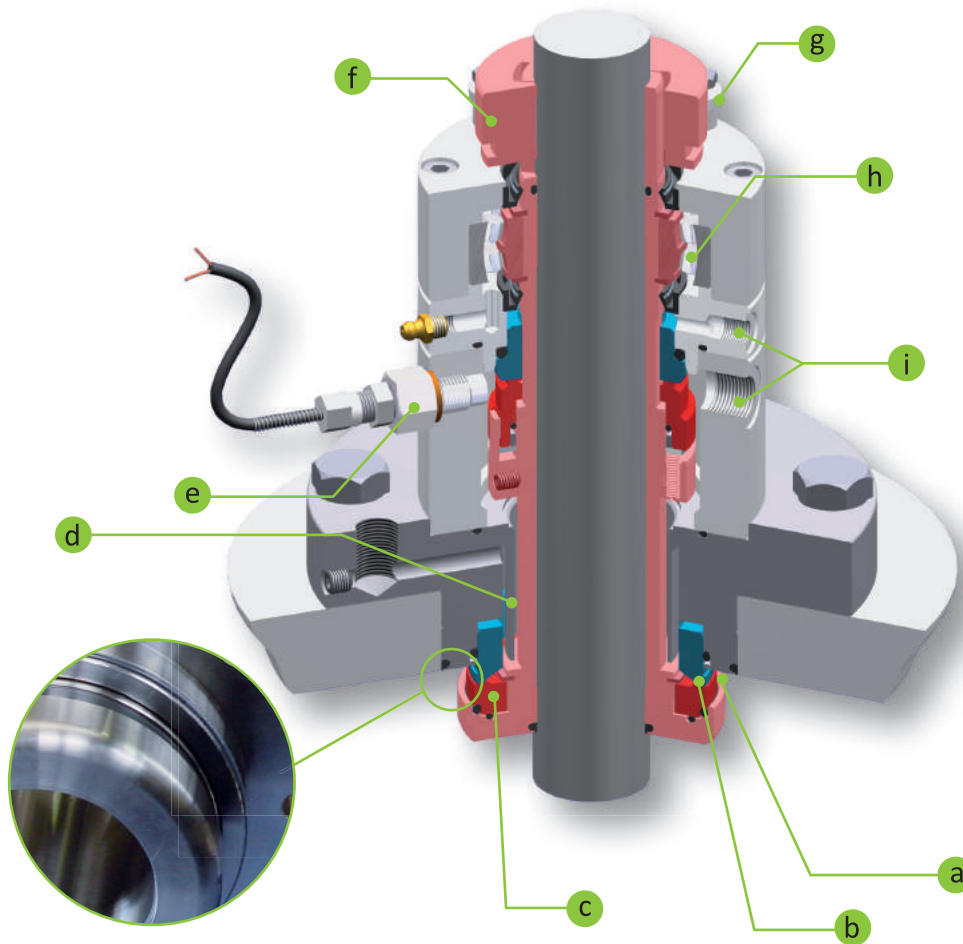


GTAW - GTAF - GTAD

Double cartridge seal with clean profile suitable for hygienic applications, slurries, high viscosity liquids and polymeric solutions. The cartridge includes an integrated roller bearing to minimise seal run-out for improved reliability. The seal can be supplied with custom designed flange and shaft sleeve and can be configured as wet running, dry contacting or lift off.

Characteristics

- a) Process side clean profile without bug traps and designed for cleaning and sterilization in accordance with CIP&SIP directives.
- b) Double balanced seal that can tolerate unexpected reverse pressure.
- c) High performance solid rotary seal ring.
- d) Flushing fluid circulation circuit with deflector for effective heat removal.
- e) Optional thermocouple for ATEX applications.
- f) Drive system that allows shaft expansion whilst maintaining the correct axial position of the seal.
- g) Positioning device for easy, precise installation.
- h) Ball or roller bearing to ensure minimum seal run-out.
- i) Flushing connections designed to ensure air is always vented.

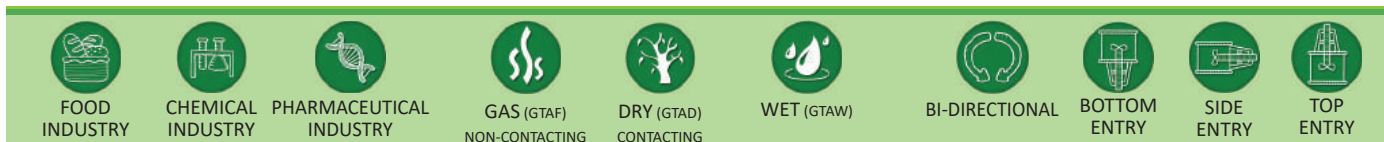
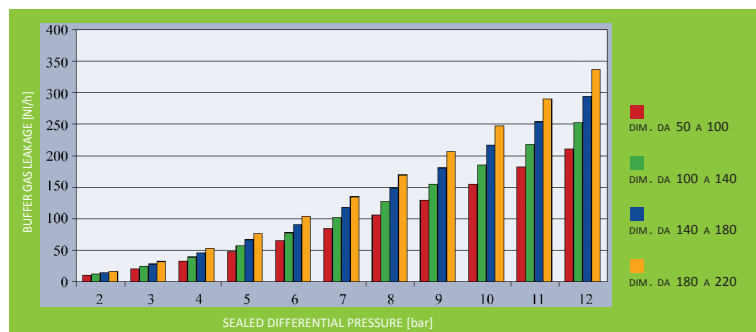


Model GTA is available ATEX certified for Zone 0 Cat. 1 (see pg. 8). Request for this particular configuration should be referred to the Technical Sales Department during the offer negotiation phase.

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

	GTAF (non contacting)	GTAD (dry contacting)	GTAW (wet lubricated)
Temperature	-50 up to 200	-50 up to 150	-50 up to 250
Peripheral velocity (m/s)	10	3	10
ΔP See NOTE*	2 ÷ 2,5 minimum	2 ÷ 2,5	1 ÷ 2 minimum
Process Pressure (bar)	Vacuum - 10	Vacuum - 6	Vacuum - 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.



Images and dimensions may differ slightly from the standard configuration or refer to different markets. The product may be subjected to technical or commercial modifications without notification.