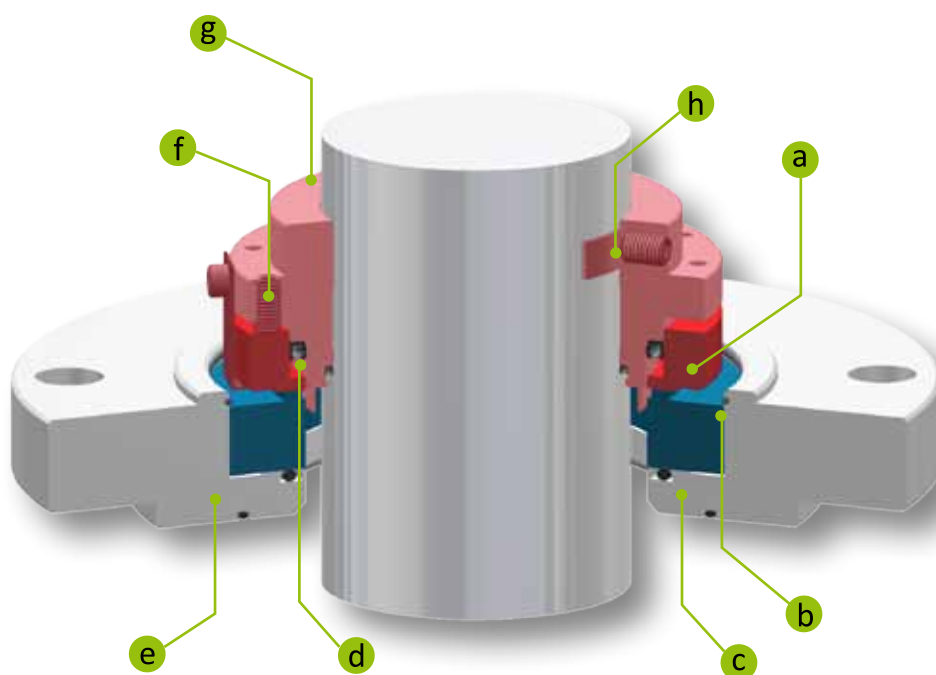


GT 2888A

Single external seal suitable for dry running. The rotating component is pre-assembled to optimal working length. The stationary seal ring is supplied complete with mounting flange. "Fluigrig" technology (see pg.10) ensures superior operating performance and its construction details ensure high shaft run-out values.



Characteristics

- a) Solid rotary seal ring in silicon carbide with "Fluigrig" technology and solid stationary seal ring in premium grade graphite suitable for dry running.
- b) Retained stationary ring to prevent blow out during reverse pressure.
- c) Flange designed to guarantee correct alignment of stationary seal ring.
- d) Optimised sliding diameter to ensure reliable performance of dynamic elastomer.
- e) Optional: sanitary flange to prevent product contamination and cooling flange for high temperature applications.
- f) Multiple springs outside of the product for uniform seal face loading.
- g) External configuration for simple installation and effective heat dissipation.
- h) Drive collar designed to prevent locking screws damaging the shaft.

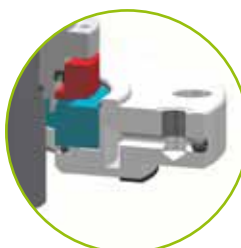
NOTE: A high pitched squealing sound may occur temporarily under certain operating conditions. This does not indicate a seal defect and does not compromise correct operation.

Operating limits

DIAMETER (mm)	FROM 50 TO 240
SPEED (m/s)	≤ 3
TEMPERATURE (°C)	FROM -50 TO 150
PROCESS PRESSURE (bar)	VACUUM TO 6

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.

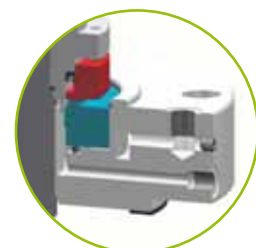
OPTIONAL FLANGES (see pg. 40)



Flange with cooling chamber



Sanitary flange



Sanitary flange with cooling chamber



FOOD
INDUSTRY



CHEMICAL
INDUSTRY



PHARMACEUTICAL
INDUSTRY



DRY
CONTACTING

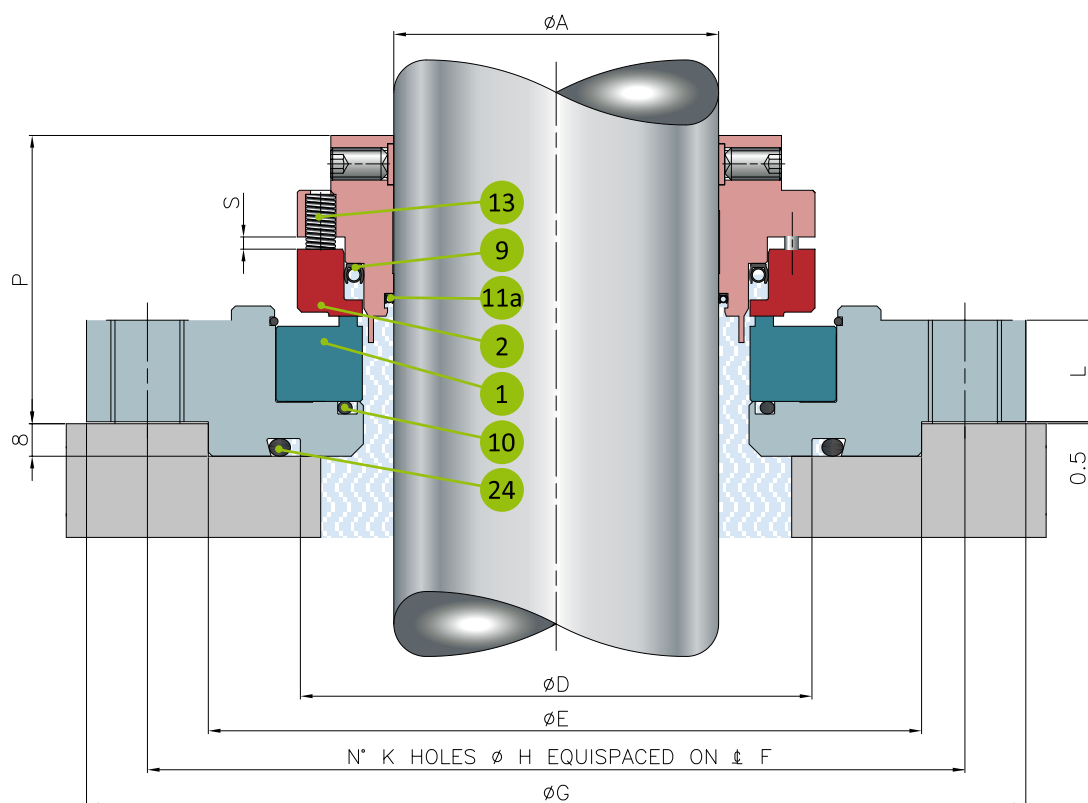


BI-DIRECTIONAL



TOP
ENTRY

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.


COMPONENT KEY
(standard materials)

1 Stationary ring in special graphite for dry running (ZD71) or FDA approved graphite for dry running (ZD51)

2 Silicon carbide rotating ring (U31)

9 Rotating seal gasket in FKM (V), EPDM (D) or Fluigam: energized PTFE (T3)

10 Stationary ring gasket in FKM (V), EPDM (D) or FFKM (G720)

11 Sleeve gasket in FKM (V), EPDM (D) or Fluigam: energized PTFE (T3)

11a Sleeve gasket in FKM (V), EPDM (D) or Fluigam: energized PTFE (T3)

13 Springs and other metal parts in AISI 316

24 Flange gasket in PTFE (T)

A h8	SEAL Ø	D	E e8	F	G	K HOLES	H Ø	L	P	S
35	50	76	120	145	170	6	13	25	67	2
40										
45	60	89	130	155	180	6	13	25	67	2
50										
55	70	98	150	180	210	6	18	25	67	2
60										
65	80	111	165	195	225	6	18	25	71	3
70										
75	95	126	180	210	240	6	18	25	71	3
80										
85	100	130	180	215	245	8	18	25	71	3
90										
95	120	165	220	255	285	8	18	40	114	3
100										
105	130	175	230	265	295	8	18	40	114	3
110										
115	140	191	240	275	305	8	18	40	114	3
120										
125	150	201	250	285	315	8	18	40	114	3
130										
135	160	211	260	295	325	8	18	40	127	4
140										
145	170	218	270	305	335	10	18	40	127	4
150										
155	180	234	280	315	345	10	18	40	127	4
160										
165	190	239	290	325	355	10	18	40	127	4
170										
175	200	249	300	335	365	10	18	40	130	4
180										
185	210	255	310	345	375	10	18	40	130	4
190										
195	220	261	320	355	385	12	18	40	130	4
200										
210	230	271	330	365	395	12	18	40	130	5
220	240	286	340	375	405	12	18	40	130	5

Measurements are expressed in millimetres. For measurements differing from those listed or measurements in inches, please contact our Technical Sales Department at info@fluiten.it

Every mechanical seal can be equipped with optional flanges for specific applications.

A cooled flange is available for higher temperature applications, identified with the letter C in the seal code.

A sanitary flange is available for hygienic applications to prevent particles or leakage from entering the process and potentially contaminating the product. This flange is identified with letter D in the seal code.

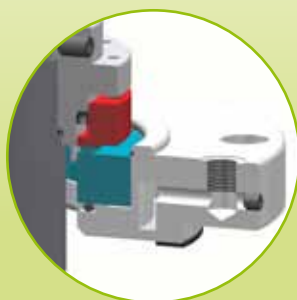
A cooled sanitary flange has both features and is suitable for applications having both high temperature and hygienic requirements. This flange is identified with the letter E in the seal code. The standard flange is identified with the letter A in the seal code.

GT 2888/GT 2887

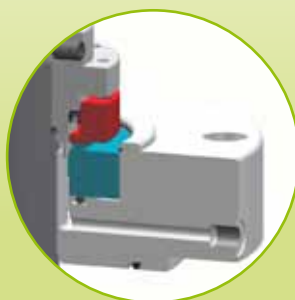
Alternative flanges for single mechanical seal suitable for dry running.

The cooling chamber flange is recommended for temperatures exceeding 80°C.

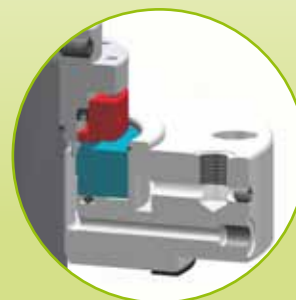
Flange with
cooling chamber (C)



Sanitary flange (D)



Sanitary flange
with cooling
chamber (E)



GT 1855

Alternative flange for single mechanical seal suitable for dry running.

Sanitary flange (D)

