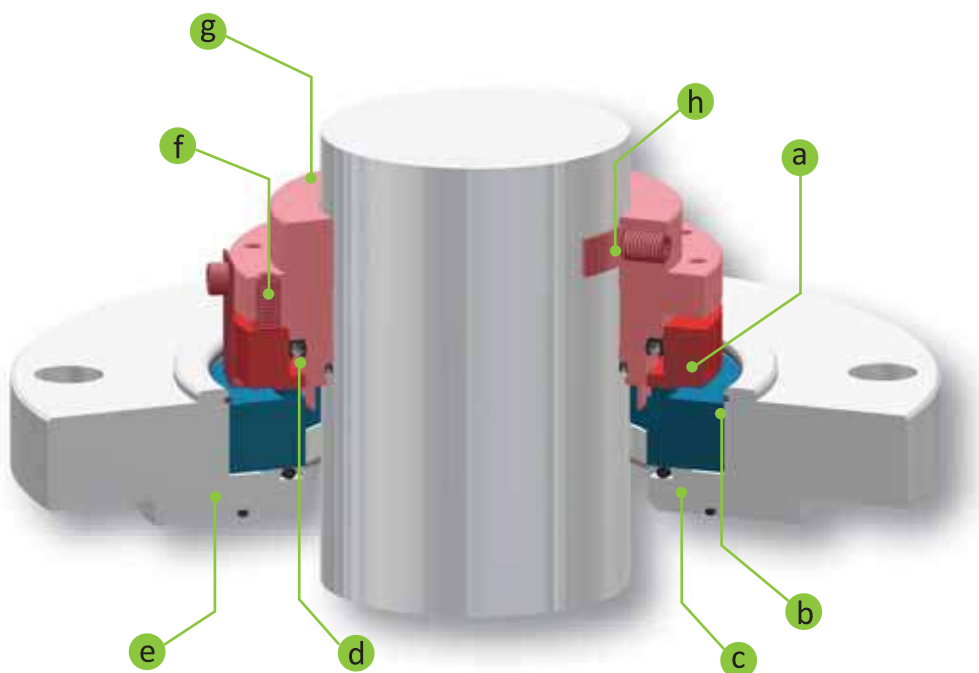


GT 2888A

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



Characteristics

a) Rotating silicon carbide monolith ring with "Fluigrad" technology and stationary monolith ring in anti-friction material suitable for dry running.

b) Axial anti-extrusion locking on the stationary ring.

c) Flange designed to guarantee correct stationary ring alignment.

d) Dynamic gasket fixed on corrected and suitably prepared surfaces.

e) Optional: sanitary flange for avoiding product contamination and stationary ring cooling chamber for conditions that are beyond standard.

f) Multiple springs outside of the product for uniform load on the seal surfaces.

g) External configuration to better dissipate generated heat and to simplify assembly and verification after start-up.

h) Collar with locking dowels and piston ring to drag the rotating part without creating tracing on the shaft.

NOTE: A hissing sound may be caused in particular 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

Operating limits other than those specified can be defined and approved by our Technical Sales Department. The speed and pressure values indicated are not absolute limits but should be evaluated by calculating their product $P \cdot V$ and also keeping in mind the temperature and chemical and physical characteristics of the fluid to be held.

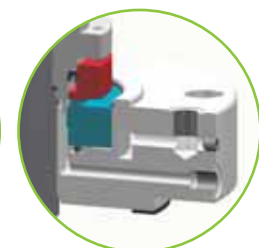
OPTIONAL FLANGES (see pg. 40)



Flange with cooling chamber



Sanitary flange



Sanitary flange with cooling chamber



FOOD
INDUSTRY



CHEMICAL
INDUSTRY



PHARMACEUTICAL
INDUSTRY



DRY CONTACTING
RUNNING



BI-DIRECTIONAL



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.



- 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 FORI	H Ø	L	P	S
<u>35</u> 40	50	76	120	145	170	6	13	25	67	2
<u>45</u> 50	60	89	130	155	180	6	13	25	67	2
<u>55</u> 60	70	98	150	180	210	6	18	25	67	2
<u>65</u> 70	80	111	165	195	225	6	18	25	71	3
<u>75</u> 80	95	126	180	210	240	6	18	25	71	3
<u>85</u> 90	100	130	180	215	245	8	18	25	71	3
<u>95</u> 100 105	120	165	220	255	285	8	18	40	114	3
<u>110</u> 115	130	175	230	265	295	8	18	40	114	3
<u>120</u> 125	140	191	240	275	305	8	18	40	114	3
<u>130</u> 135	150	201	250	285	315	8	18	40	114	3
<u>140</u> 145	160	211	260	295	325	8	18	40	127	4
<u>145</u> 150	170	218	270	305	335	10	18	40	127	4
<u>155</u> 160	180	234	280	315	345	10	18	40	127	4
<u>165</u> 170	190	239	290	325	355	10	18	40	127	4
<u>175</u> 180	200	249	300	335	365	10	18	40	130	4
<u>185</u> 190	210	255	310	345	375	10	18	40	130	4
<u>195</u> 200	220	261	320	355	385	12	18	40	130	4
<u>210</u> 220	230	271	330	365	395	12	18	40	130	5
<u>220</u>	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, contact our Technical Sales Department at info@fluiten.it

Every mechanical seal can be equipped with optional flanges for higher performance and use. The flange with a cooling chamber allows for use of the mechanical seal with process temperatures higher than general limits. This flange is identified with the letter C in the seal code.

The sanitary flange allows for the collection and removal of any particles or leakages on the seal toward the product, allowing use in those hygienic application. This flange is identified with the letter D in the seal code.

The sanitary flange with cooling chamber keep the features of both flanges described, useful for uses at high temperatures and with high sterility parameters. This flange is identified with the letter E in the seal code.

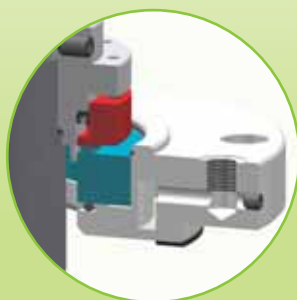
The standard flange is instead identified with the letter A in the seal code.

GT 2888/GT 2887

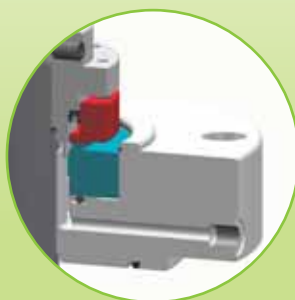
Alternative flanges for single mechanical seal suitable for dry running.

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

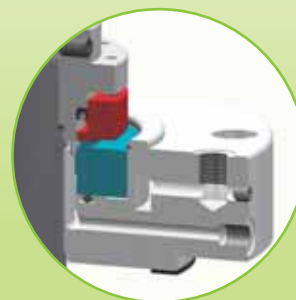
Flange with
cooling chamber (C)



Sanitary flange (D)



Sanitary flange
with cooling
chamber (E)



GT 1855

Alternative flange for single mechanical seal suitable for dry running.

Sanitary flange (D)

