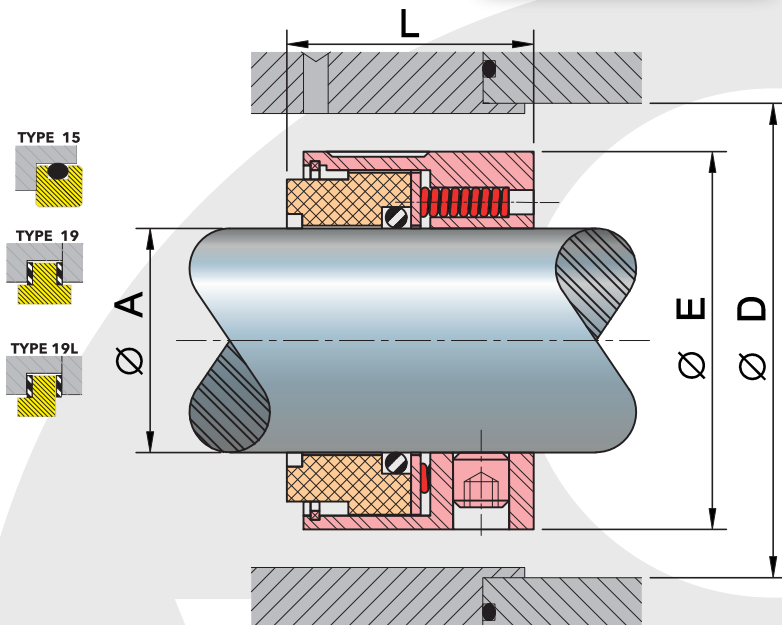







# LINE 50R



## Dimensions (Inches)

SIZE	A	D	E	L
No.	±0.002	MIN.	±0.015	±0.015
8	0.500	1.156	1.031	0.812
10	0.625	1.312	1.187	0.750
12	0.750	1.437	1.312	0.875
14	0.875	1.562	1.437	0.937
15	0.937	1.750	1.562	1.000
16	1.000	1.750	1.562	1.000
18	1.125	1.875	1.687	1.062
20	1.250	2.000	1.875	1.062
22	1.375	2.125	2.000	1.125
24	1.500	2.250	2.125	1.125
26	1.625	2.500	2.375	1.375
28	1.750	2.625	2.500	1.375
30	1.875	2.750	2.625	1.375
32	2.000	2.875	2.750	1.375
34	2.125	3.125	3.000	1.687
36	2.250	3.250	3.125	1.687
38	2.375	3.375	3.250	1.687
40	2.500	3.500	3.375	1.687
42	2.625	3.625	3.500	1.687
44	2.750	3.750	3.625	1.687
46	2.875	3.875	3.750	1.687
48	3.000	4.000	3.812	1.687
50	3.125	4.062	3.937	1.687
52	3.250	4.250	4.125	1.687
54	3.375	4.375	4.250	1.687
56	3.500	4.500	4.375	1.687
58	3.625	4.625	4.500	1.687
60	3.750	4.750	4.625	1.687
62	3.875	4.875	4.750	1.687
64	4.000	5.000	4.875	1.687

## Materials

-  Metallic Parts > Stainless Steel 316.
-  Spring > Hastelloy "C"
-  Rotary Face > Graphite Carbide, PTFE/Fiberglass
-  Bellow > NBR (Nitrile®), FKM (Viton®), CR (Neoprene®), E.P.R (EPDM) Kalrez (FFKM), Aflas (TFE/P), Creavey (PTFE/FKM) y Silicon (VMQ)
-  Seat > Ceramic, Silicon Carbide, Tungsten Carbide, Stainless Steel, Ni-Resist.

## Operation limits

Velocity	Max. 3,600 R.P.M*
Pressure	325 PSI (22.8Kg/cm²)**
Temperature limits	-57 °C to 316 °C***

\*Depends on the diameter of the shaft.

\*\*It depends on the combination of material of the faces.

\*\*\*Depends on the material of the elastomer.

## Applications:

The VAZEL line "50R" mechanical seal is used in industrial equipments such as pumps, reactors, agitators, etc.; and in equipments that handle clean fluids used in the chemical industry, petrochemical industry, paper industry and water treatment.

For any variation regarding what is described in this technical specification, please send an email to [sales@vazel.com](mailto:sales@vazel.com)