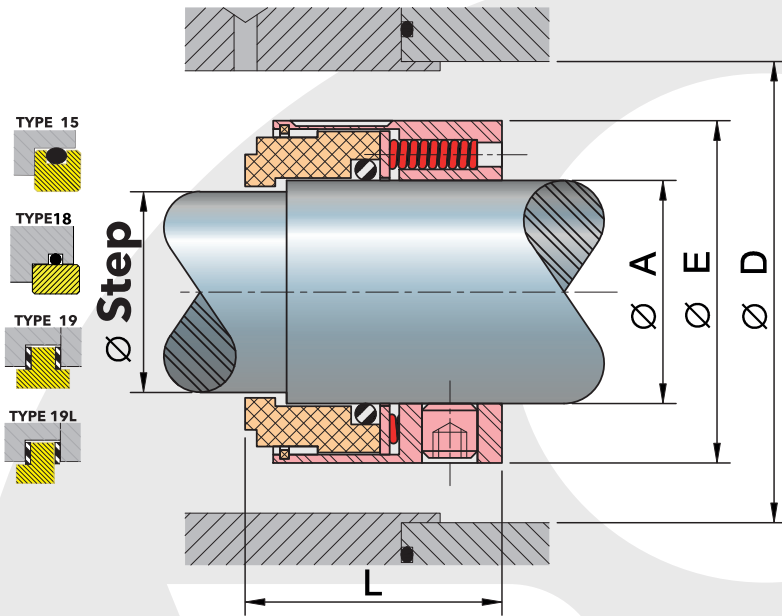






# LINE 50B



## Dimensions (Inches)

SIZE	A	Step	D	E	L
No.	±0.002	±0.002	±0.002	±0.015	±0.015
16	1.000	0.875	1.625	1.437	1.312
18	1.125	1.000	1.750	1.562	1.375
20	1.250	1.125	1.875	1.687	1.375
22	1.375	1.125	2.125	1.937	1.687
24	1.500	1.250	2.125	1.937	1.437
26	1.625	1.375	2.437	2.250	1.593
28	1.750	1.500	2.500	2.312	1.750
30	1.875	1.625	2.687	2.500	1.750
32	2.000	1.750	2.812	2.625	1.750
34	2.125	1.875	3.000	2.812	2.062
36	2.250	2.000	3.031	2.843	1.750
38	2.375	2.125	3.187	3.000	2.062
40	2.500	2.250	3.312	3.125	1.750
42	2.625	2.375	3.437	3.250	2.062
44	2.750	2.500	3.562	3.375	2.062
46	2.875	2.625	3.687	3.500	2.062
48	3.000	2.750	3.812	3.625	2.062
50	3.125	2.875	3.937	3.750	2.062
52	3.250	3.000	4.062	3.875	2.062
54	3.375	3.125	4.187	4.000	2.062
56	3.500	3.250	4.312	4.125	2.062
58	3.625	3.375	4.437	4.250	2.062
60	3.750	3.500	4.562	4.375	2.062
62	3.875	3.625	4.687	4.500	2.062
64	4.000	3.750	4.812	4.625	2.062

## Materials

-  Metallic Parts > Stainless Steel 316.
-  Spring > Hastelloy "C"
-  Rotary Face > Graphite Carbide
-  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	300 PSI (21.0Kg/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 "50B" 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)