



\*For rotating part, please consult the manufacturer.

### Dimensions (Inches)

SIZE	A	E	L
No.	±0.002	+0.002 -0.000	± 0.020
16	1.000	1.626	0.531
18	1.125	1.751	0.531
20	1.250	1.876	0.531
22	1.375	2.063	0.563
24	1.500	2.188	0.563
26	1.625	2.313	0.563
28	1.750	2.501	0.593
30	1.875	2.626	0.593
32	2.000	2.751	0.593
34	2.125	2.938	0.750
36	2.250	3.064	0.750
38	2.375	3.189	0.750
40	2.500	3.377	0.813

### Materials

- Metallic Parts > Stainless Steel 316.
- Spring > Stainless Steel 316.
- Stationary Face > Graphite Carbide
- Bellow > NBR (Nitrile®), FKM (Viton®), E.P.R (EPDM)
- Rotary Seat > Ceramic, Silicon Carbide, Tungsten Carbide, Stainless Steel, Ni-Resist

Operation limits	
Velocity	Max. 10,000 R.P.M*
Pressure	200 PSI (14.0Kg/cm²)**
Temperature limits	-57 °C to 204 °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 "18" mechanical seal can be used in gear boxes, pumps and compressors. For equipment with reduced axial space and high revolutions.