



Dimensions (Inches)

SIZE No.	A ±0.002	D MIN.	E ±0.015	L ±0.015
8	0.500	1.062	0.937	0.937
10	0.625	1.187	1.062	0.937
12	0.750	1.312	1.187	0.937
14	0.875	1.437	1.312	0.937
15	0.937	1.562	1.437	1.000
16	1.000	1.562	1.437	1.000
18	1.125	1.687	1.562	1.000
20	1.250	1.812	1.687	1.000
22	1.375	2.062	1.937	1.375
24	1.500	2.062	1.937	1.125
26	1.625	2.375	2.250	1.156
28	1.750	2.437	2.312	1.375
30	1.875	2.625	2.500	1.375
32	2.000	2.750	2.625	1.375
34	2.125	2.937	2.812	1.687
36	2.250	2.968	2.843	1.375
38	2.375	3.125	3.000	1.687
40	2.500	3.250	3.125	1.375
42	2.625	3.375	3.250	1.687
44	2.750	3.500	3.375	1.687
46	2.875	3.625	3.500	1.687
48	3.000	3.750	3.625	1.687
50	3.125	3.875	3.750	1.687
52	3.250	4.000	3.875	1.687
54	3.375	4.125	4.000	1.687
56	3.500	4.250	4.125	1.687
58	3.625	4.375	4.250	1.687
60	3.750	4.500	4.375	1.687
62	3.875	4.625	4.500	1.687
64	4.000	4.750	4.625	1.687

Materials

- Metallic Parts > Stainless Steel 316.
- Spring > Hastelloy "C"
- Rotary Face > Graphite Carbide, PTFE/fiberglass
- Bellows > Teflon (PTFE)
- Seat > Silicon Carbide, Ceramic, Tungsten Carbide, Stainless Steel, Ni-Resist
- Seat Bellows > Teflon (PTFE)

Operation limits

Velocity	Max. 3,600 R.P.M*
Pressure	350 PSI (24.6Kg/cm²)**
Temperature limits	-59°C to 260°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 "51" mechanical seal is used in industrial equipment such as pumps, reactors, agitators, etc.; and for those equipments that handle corrosive fluids used in the chemical industry, petrochemical industry, paper industry and water treatment.