



Dimensions (Inches)

COMPONENTS (INCHES)

A	E	D	L	L ₁	L ₃
±0.002	±0.002	±0.010	±0.015	±0.005	±0.015
1/2	1.130	1.320	0.188	0.345	0.210
1/2	1.185	1.385	0.188	0.345	0.210
1/2	1.315	1.503	0.188	0.345	0.210
5/8	1.440	1.625	0.265	0.345	0.200
5/8	1.504	1.718	0.265	0.345	0.200
5/8	1.540	1.740	0.265	0.345	0.200

INTEGRATED (INCHES)

A	E	D	L	L ₁	L ₂
±0.002	±0.002	±0.010	±0.015	±0.005	±0.015
1/2	1.130	1.320	0.188	0.345	0.405
1/2	1.185	1.385	0.188	0.345	0.405
1/2	1.315	1.503	0.144	0.345	0.361
5/8	1.440	1.625	0.265	0.345	0.485
5/8	1.504	1.818	0.265	0.345	0.485
5/8	1.554	1.740	0.265	0.345	0.485

INTEGRATED (MM)

A	E	D	L	L ₁	L ₂
±0.05	±0.05	±0.25	±0.38	±0.13	±0.38
12	28.70	33.53	5.08	8.76	10.11
12	30.10	35.18	5.08	8.76	10.11

Materials

- Metallic Parts > Stainless Steel 304, Brass.
- Spring > Stainless Steel 304.
- Rotary Face > Phenolic Carbon, Graphite Carbide, Sintered Silicon Carbide.
- Bellow > NBR (Nitrile®), FKM (Vitón®), E.P.R (EPDM)
- Seat > Stainless Steel, Ceramic, Sintered Steel, Ceramic, Silicon Carbide

Operation limits

Velocity	Max. 10,000 R.P.M*
Pressure	100 PSI (7.0Kg/cm²)**
Temperature limits	-57 °C a 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:

Mechanical seal VAZEL line "C", is used in automotive water pumps.