



OPERATING CONDITIONS

Speed: Up to 10,000 RPM.

Pressure: 100 PSI (8.8Kg/cm²)

Temperature: -57 °C a 204 °C

**Depends on elastomer material*

- **Metal Parts:** 304 Stainless Steel, Brass
- **Seat:** Sintered Steel, Ceramic
Silicon Carbide
- **Elastomer:** NBR (Nitrile), FKM (Viton®),
EPR (EPDM)
- **Rotary Face:** Ceramic, Silicon Carbide,
Tungsten Carbide
- **Spring:** 304 Stainless Steel

DIMENSIONAL DATA (MM)

COMPONENTS (INCHES)

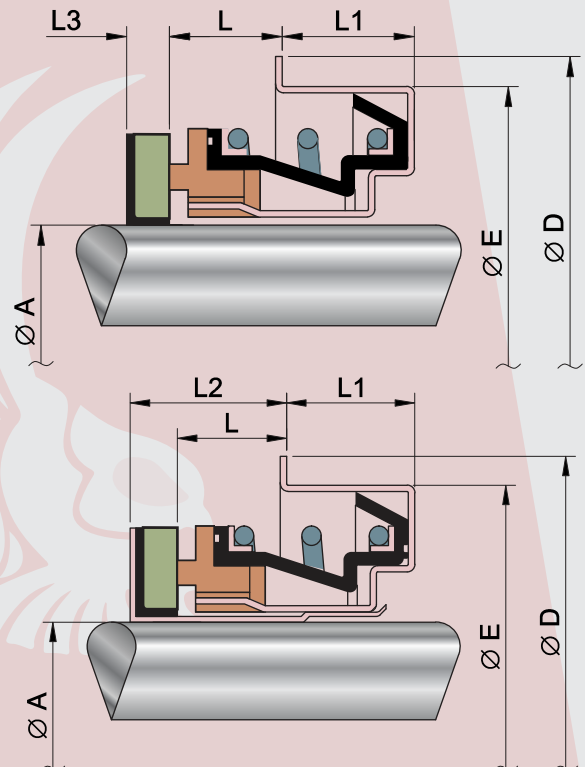
A	E	D	L	L ₁	L ₃
±0.002	±0.002	±0.010	±0.015	±0.005	±0.015
1/2	1.130	1.320	0.188	0.345	0.210
1/2	1.185	1.385	0.188	0.345	0.210
1/2	1.315	1.503	0.188	0.345	0.210
5/8	1.440	1.625	0.265	0.345	0.200
5/8	1.504	1.718	0.265	0.345	0.200
5/8	1.540	1.740	0.265	0.345	0.200

INTEGRATED (INCHES)

A	E	D	L	L ₁	L ₃
±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 ₃
±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



"If you have any questions regarding the materials and/or dimensions, please contact us at sales@total-seals.com

