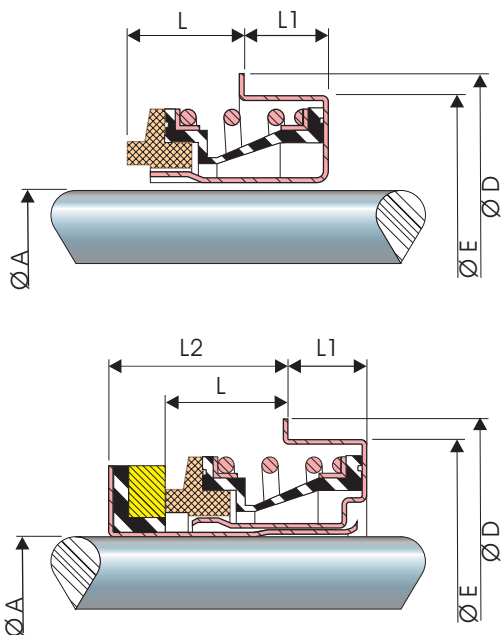


LINE "C" AUTOMOTIVE



CHARACTERISTICS






Applications:

VAZEL mechanical seal Line "C" is used in automotive water pumps, specially useful for applications where vibrations are a problem.

Design:

One piece mechanical seal, without contact with the shaft; statically clamped by a metallic retainer that avoids damage by tensions due to the velocity or vibrations; also available in cartridge (integrated).

Materials:

	1	304 Stainless Steel, Brass
	2	Metallic parts..... 304 Stainless Steel
	3	Springs..... Graphite Carbon, Phenolic Carbon, Silicon Carbide, Phenolic Carbon / PTFE
	4	Nitrile, Viton®, Neoprene®, E.P.R.
	5	Packing..... Alumina, Silicon Carbide, Tungsten Carbide, 316 Stainless Steel, Ni-Resist, Sinterized Steel

Dimintions

A	E	D	L	L1	L2
±0.002	±0.002	±0.010	±0.015	±0.005	±0.015
1/2	1.130	1.320	0.188	0.345	--
1/2	1.185	1.385	0.188	0.345	--
1/2	1.315	1.503	0.188	0.345	--
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	--
5/8	1.504	1.718	0.265	0.345	--
5/8	1.554	1.740	0.265	0.345	--
5/8	1.440	1.625	0.265	0.345	0.485
5/8	1.504	1.718	0.265	0.345	0.485
5/8	1.554	1.740	0.265	0.345	0.485

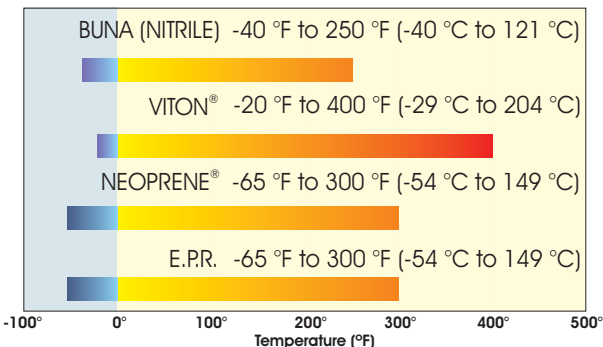
NOTE: All measurements are in inches.

Dimintions

A	E	D	L	L1	L2
±0.05	±0.05	±0.25	±0.38	±0.13	±0.005
12	28.70	33.53	5.08	8.76	10.11
12	30.10	35.18	5.08	8.76	10.11

NOTE: All measurements are in millimeters.

TEMPERATURE LIMITS



OPERATIONAL LIMITS

OPERATION	LIMITS
SHAFT SPEED	3,600 RPM.*
PRESSURE	100 PSI (7.0 kg/cm ²)

*Depending on shaft's diameter

INSTALLATION CRITERIA

SHAFT	LIMITS
SURFACE FINISH	32 a 63 Ra
OUT OF ROUNDNESS	± 0.051mm / 0.002"
EXTREME AXIAL MOVEMENT	± 0.013mm / 0.005"