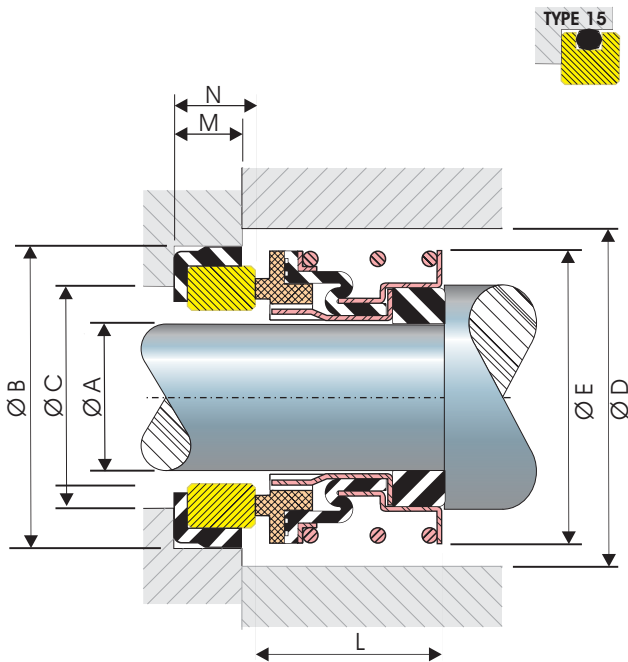


LINE "B"



CHARACTERISTICS

Applications:

VAZEL mechanical seal Line "B" is used in domestic water pumps, it can also be used in motorized speed reducer, trash crushers and injectors. It works with hydraulic fluids and aqueous solutions.

Dimensions

A	B	C	D	E	L	M	N
±0.002	±0.002	REF.	Min.	±0.015	±0.005	±0.005	±0.015
3/8	0.875	0.438	1.062	0.937	0.625	0.250	0.312
1/2	1.000	0.563	1.187	1.062	0.656	0.250	0.312
5/8	1.187	0.688	1.343	1.218	0.719	0.282	0.344
5/8	1.250	0.688	1.343	1.218	0.719	0.344	0.406
5/8	1.250	0.688	1.343	1.218	0.812	0.344	0.406
3/4	1.375	0.813	1.468	1.343	0.719	0.344	0.406
3/4	1.375	0.813	1.468	1.343	0.812	0.344	0.406
7/8	1.625	1.063	1.750	1.687	0.812	0.375	0.438
1	1.625	1.063	1.750	1.687	0.812	0.375	0.438

NOTE: All measurements are in inches.
Dimensions as specified in the ASTM norm

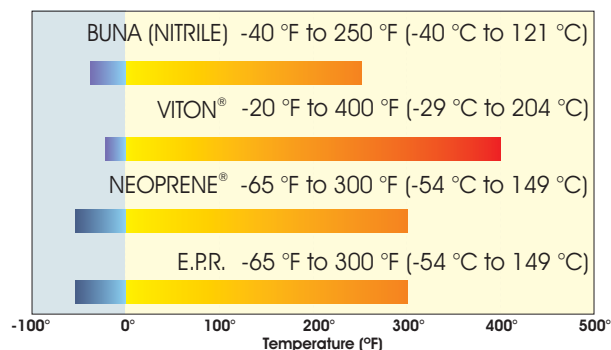
Design:

Mechanical seal with rubber bellows, with maximum creases that compensates the wear and movements of the shaft, in addition the seal has a low cost, with stainless steel 300 series metallic parts and easy to install.

Materials:

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

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"