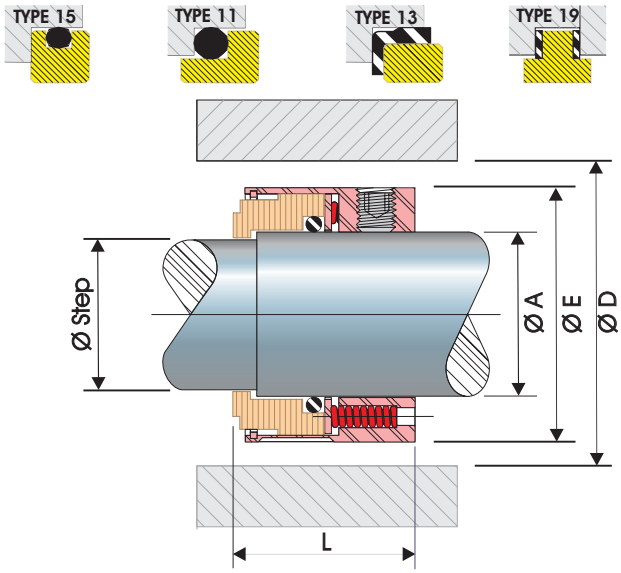
LINE "50B"



Dimentions

MEASURE	A	Step	D	E	L
Size	±0.002	±0.002	Mín.	Máx.	±0.010
16	1.000	0.875	1.562	1.438	1.312
18	1.125	1.000	1.688	1.562	1.375
20	1.250	1.125	1.812	1.688	1.375
22	1.375	1.125	2.062	1.938	1.687
24	1.500	1.250	2.062	1.938	1.437
26	1.625	1.375	2.312	2.188	1.593
28	1.750	1.500	2.438	2.312	1.750
30	1.875	1.625	2.625	2.500	1.750
32	2.000	1.750	2.750	2.625	1.750
34	2.125	1.875	2.875	2.750	2.062
36	2.250	2.000	2.968	2.843	1.750
38	2.375	2.125	3.125	3.000	2.062
40	2.500	2.250	3.250	3.125	1.750
42	2.625	2.375	3.375	3.250	2.062
44	2.750	2.500	3.500	3.375	2.062
46	2.875	2.625	3.625	3.500	2.062
48	3.000	2.750	3.750	3.625	2.062
50	3.125	2.875	3.875	3.750	2.062
52	3.250	3.000	4.000	3.875	2.062
54	3.375	3.125	4.125	4.000	2.062
56	3.500	3.250	4.250	4.125	2.062
58	3.625	3.375	4.375	4.250	2.062
60	3.750	3.500	4.500	4.375	2.062
62	3.875	3.625	4.625	4.500	2.062
64	4.000	3.750	4.750	4.625	2.062

NOTE: All measurements are in inches.

INSTALLATION CRITERIA & OPERATIONAL LIMITS

SHAFT	LIMITS
SURFACE FINISH	32 a 63 Ra
OUT OF ROUNDNESS	± 0.051mm / 0.002"
EXTREME AXIAL MOVEMENT	± 0.013mm / 0.005"
OPERATION	**LIMITS**
SHAFT SPEED	3,800 RPM*
PRESSURE	350 PSI (24.6 kg/cm²)

*Depending on shaft´s diameter

CHARACTERISTICS

Applications:

VAZEL mechanical seal Line "50B" with a viton® o´ring covered with PTFE, plus is constructed with stainless steel 300 series and a staggered face of graphite carbon, making this seal ideal for all services with high pressures.

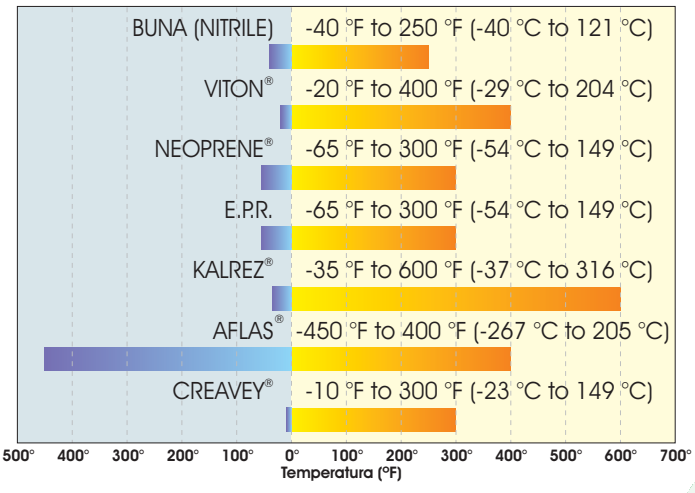
Design:

By its compact and balanced design, the ***VAZEL*** mechanical seal line "50B" can be used in any pump, with pressures up to 350 psi.
Its fastening system to the shaft by setscrews provide to the seal assembly a positive drag; reason why there is no axial movement or damage to the shaft.

Materials:

1	Metallic parts.....	316 Stainless Steel
2	Springs.....	Hastelloy "C"®
3	Faces.....	Graphite Carbon, PTFE / Fiber Glass
4	Packing.....	Nitrile, Viton®, Neoprene®, E.P.R., Kalrez®, Aflas®, Creavey®
5	Seat.....	Alumina, Silicon Carbide, Tungsten Carbide, 316 Stainless Steel, Ni-Resist

TEMPERATURE LIMITS



Mechanical seals of high precision for all applications