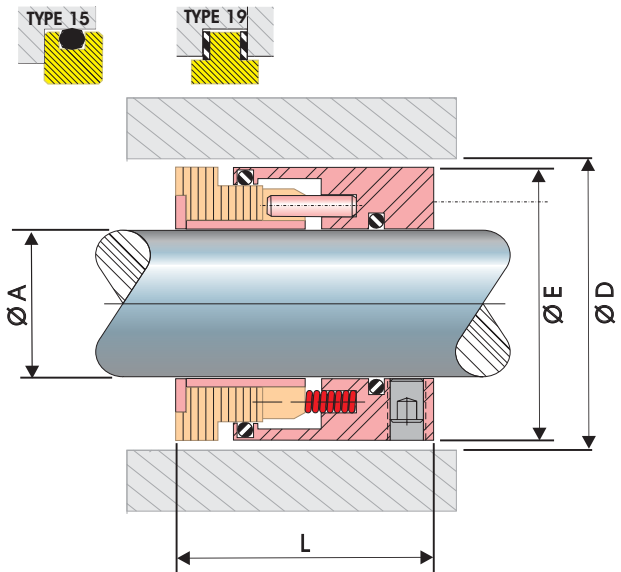


# LINE "55"



## CHARACTERISTICS

### Dimensions

MEASURE	A	D	E	L
Size	±0.002	Min.	Máx.	±0.010
16	1.000	1.562	1.687	1.750
18	1.125	1.687	1.812	1.750
20	1.250	1.812	1.937	1.750
22	1.375	1.937	2.062	1.750
24	1.500	2.062	2.187	1.750
26	1.625	2.250	2.375	1.750
28	1.750	2.375	2.500	1.750
30	1.875	2.500	2.625	1.750
32	2.000	2.625	2.750	1.750
34	2.125	2.750	2.875	1.750
36	2.250	2.875	3.000	1.750
38	2.375	3.000	3.125	1.750
40	2.500	3.125	3.250	1.750
42	2.625	3.250	3.375	1.750
44	2.750	3.375	3.500	1.750
46	2.875	3.500	3.625	1.750
48	3.000	3.812	3.937	1.750
50	3.125	3.937	4.062	1.750
52	3.250	4.062	4.187	1.750
54	3.375	4.187	4.312	1.750
56	3.500	4.312	4.437	1.750
58	3.625	4.437	4.562	1.750
60	3.750	4.562	4.687	1.750
62	3.875	4.687	4.812	1.750
64	4.000	4.812	4.937	1.750

NOTE: All measurements are in inches.

### Applications:

VAZEL mechanical seal Line "55" is recommended in the use of rotary equipments such as pumps, reactors, mixers, just to mention some and generally for those equipments that handle viscous and abrasive fluids used in Chemical, Petrochemical, Paper and Water Treatment Industries.

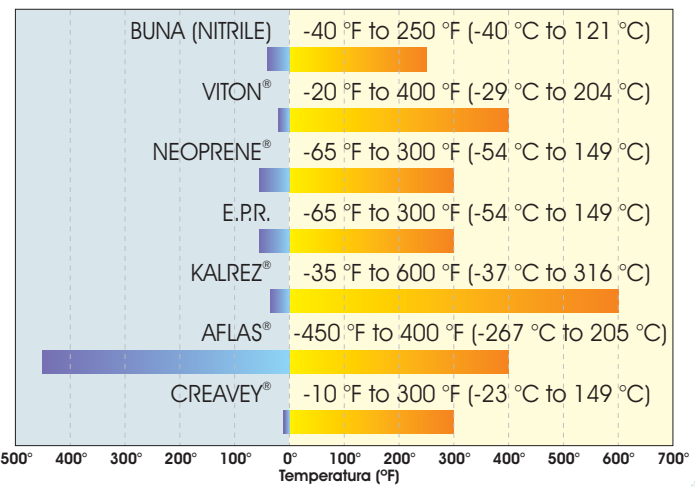
### Design:

Balanced seal, with springs insulated of the handled fluid, it has a monolithic face design, which allows to support pressure changes without suffering any alteration in the contact faces.

### Materials:

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

## TEMPERATURE LIMITS



### 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	3,600 RPM*
PRESSURE	300 PSI (21.1 kg/cm <sup>2</sup> )

\*Depending on shaft's diameter