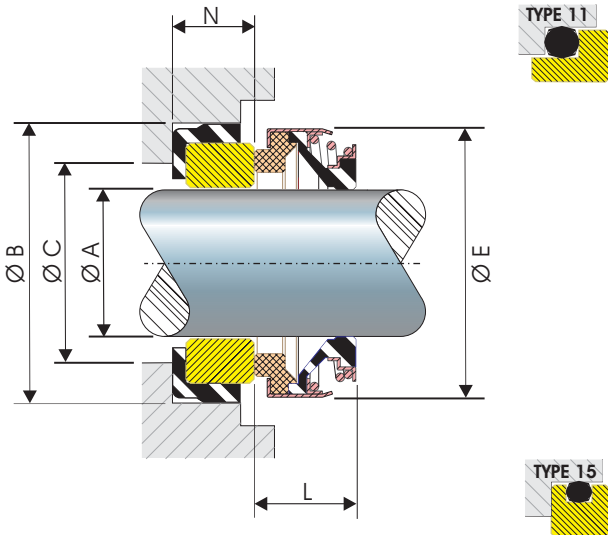


LINE "AR"



Dimensions

A	B	C	E	L	N
±0.05	±0.05	REF.	±0.38	±0.38	±0.38
6	18.0	8.0	18.0	10	4.0
8	22.0	10.0	18.0	11.0	4.0
8	22.0/26.0	10.0	20.0	11.0/9.5	4.0/5.5
8	26.0	10.0	24.0	9.5	5.5
10	26.0	12.0	24.0	13.0	8.0
11	26.0	13.0	24.0	13.0	8.0
12	25.0/26.0	14.0	24.0	13.0	8.0
13	26.0	15.0	24.0	14.0/11.5	5.5/8.0
13	28.0	16.0	28.0	13.0	8.0
13	29.5	16.0	32.0	22.5	8.0
14	28.0/28.5	16.0	28.0	13.0	8.0
14	29.5	16.0	32.0	13.0	8.0
15	28.5/30.0	16.0	28.0	13.0	8.0
15	30.0/29.5	16.0	32.0	13.0	8.0
15	38.0	18.0	39.0	13.0	8.0
16	29.5/30.0	16.0	28.0	13.0	8.0
16	29.5	18.0	32.0	13.0	8.0
16	38.0	18.0	39.0	13.0	8.0
16	30.0	16.0	32.0	21.0	10.0
17	42.0	19.0	39.0	13.0	8.0
18	42.0	20.0	39.0	13.0	8.0
19	42.0	21.0	39.0	13.0	8.0
20	42.0	22.0	39.0	13.0	8.0
20	45.0	24.0	42.0	13.0	10.0
22	45.0	24.0	36.0	16.5	10.0
22	45.0	24.0	42.0	13.0	10.0
23	50.0	25.0	47.0	13.5	10.0
24	50.0	26.0	47.0	13.5	10.0
25	50.0	27.0	42.0	13.5	10.0
25	50.0	27.0	47.0	13.5	10.0
26	50.0	29.0	47.0	13.5	10.0
27	50.0	30.0	47.0	13.5	10.0
28	57.0	31.0	54.0	15.0	10.0
30	57.0	33.0	54.0	15.0	10.0
32	57.0	35.0	54.0	15.0	10.0
35	63.0	38.0	60.0	16.0	10.0
38	68.0	41.0	65.0	18.0	12.0
40	68.0	43.0	65.0	18.0	12.0
45	73.0	48.0	70.0	20.0	12.0
50	88.0	52.0	85.0	23.0	15.0
55	88.0	58.0	85.0	23.0	15.0
60	110.0	63.0	105.0	30.0	15.0

NOTE: All measurements are in millimeters.



CHARACTERISTICS

Applications:

VAZEL mechanical seal Line "AR" is used in pumps of rotary turbines and outward-flow turbine with millimetric axles. Is ideal in pumps with extremely small operation length (specially european), it works with any fluid that don't attack the sintetic rubber.

Design:

Mechanical seal with rubber bellows, not balanced, with stainless steel 300 series metallic parts, with a single spring that's independent of the rotary direction.

Materials:

	1	Metallic parts.....	304 & 316 Stainless Steel
	2	Springs.....	304 & 316 Stainless Steel
	3	Faces.....	Graphite Carbon, Silicon Carbide, Tungsten Carbide
	4	Packing.....	Nitrile, Viton®, E.P.R.
	5	Seat.....	Alumina, Silicon Carbide, Tungsten Carbide

OPERATIONAL LIMITS

OPERATION	LIMITS
SHAFT SPEED	up to 32.8 ft/seg*
PRESSURE	87 PSI (6.1 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"

TEMPERATURE LIMITS

