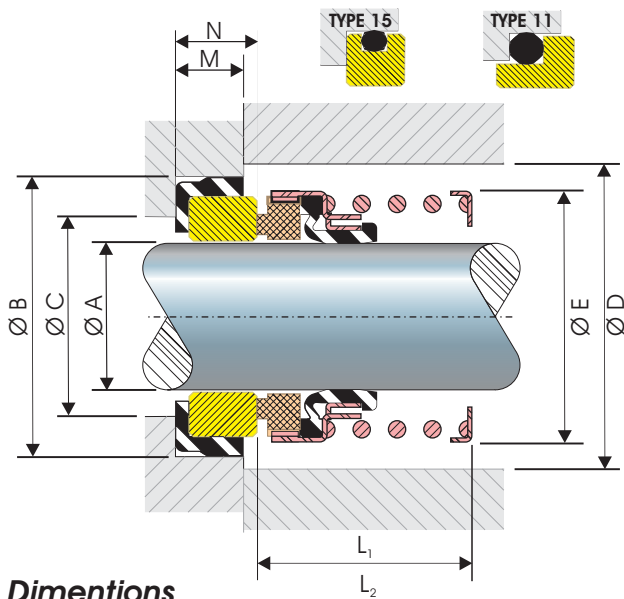


LINE "AM"



Dimensions

A	B	C	D	E	L ₁	L ₂	M	N
±0.05	±0.05	REF.	Min.	Máx.	±0.05	±0.05	±0.12	±0.38
10	22.23	11.13	26.97	23.80	30.18	20.62	6.35	7.92
11	25.40	14.30	30.15	26.97	30.18	20.62	6.35	7.92
12	25.40	14.30	30.15	26.97	30.18	20.62	6.35	7.92
13	25.40	14.30	30.15	26.97	30.18	20.62	6.35	7.92
14	25.40	14.30	30.15	26.97	30.18	20.62	6.35	7.92
15	31.75	17.48	34.11	30.94	33.32	22.22	8.74	10.31
16	31.75	17.48	34.11	30.94	33.32	22.22	8.74	10.31
18	34.93	20.65	37.29	34.11	33.32	22.22	8.74	10.31
19	34.93	20.65	37.29	34.11	33.32	22.22	8.74	10.31
20	34.93	20.65	37.29	34.11	33.32	22.22	8.74	10.31
22	38.10	23.83	42.06	38.89	34.93	23.80	8.74	10.31
24	41.28	27.00	44.45	41.28	39.67	25.40	9.53	11.13
25	41.28	27.00	44.45	41.28	39.67	25.40	9.53	11.13
26	44.45	30.18	47.50	44.32	41.28	26.97	9.53	11.13
28	44.45	30.18	47.50	44.32	41.28	26.97	9.53	11.13
30	47.63	33.35	50.80	47.63	41.28	26.97	9.53	11.13
32	47.63	33.35	50.80	47.63	41.28	26.97	9.53	11.13
33	50.80	36.53	53.98	50.80	42.85	28.58	9.53	11.13
35	50.80	36.53	53.98	50.80	42.85	28.58	9.53	11.13
38	53.98	39.70	57.15	53.98	42.85	28.58	9.53	11.13
40	60.33	42.88	63.50	60.33	50.80	34.93	11.13	12.70
42	60.33	42.88	63.50	60.33	50.80	34.93	11.13	12.70
43	63.50	46.05	66.68	63.50	50.80	34.93	11.13	12.70
45	63.50	46.05	66.68	63.50	50.80	34.93	11.13	12.70
48	66.68	49.23	69.85	66.68	53.98	38.10	11.13	12.70
50	69.85	52.40	74.60	71.42	53.98	38.10	11.13	12.70
52	76.20	55.58	79.38	76.20	60.33	42.85	12.70	14.30
53	76.20	55.58	79.38	76.20	60.33	42.85	12.70	14.30
55	76.20	55.58	79.38	76.20	60.33	42.85	12.70	14.30
58	82.55	61.93	85.73	82.55	63.50	46.02	12.70	14.30
60	82.55	61.93	85.73	82.55	63.50	46.02	12.70	14.30
63	85.73	65.10	88.90	85.73	63.50	46.02	12.70	14.30
65	85.73	68.28	92.08	92.08	69.85	49.20	14.27	15.88
68	88.90	71.45	98.43	95.25	69.85	49.20	14.27	15.88
70	88.90	71.45	98.43	95.25	69.85	49.20	14.27	15.88
75	98.43	79.38	106.35	103.17	73.03	52.37	14.27	15.88

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

CHARACTERISTICS

Applications:

VAZEL mechanical seal Line "AM" is used in water pumps, it can also be used in pumps of rotary turbines and outward-flow turbine, mixers, motorized speed reducer and similar rotary equipments.

Design:

Mechanical seal with rubber bellows, low cost, with 304 stainless steel metallic parts, with non-clogging single spring.

Materials:

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

OPERATIONAL LIMITS

OPERATION	LIMITS
SHAFT SPEED	2,500 R.P.M.*
PRESSURE	125 PSI (8.8 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

