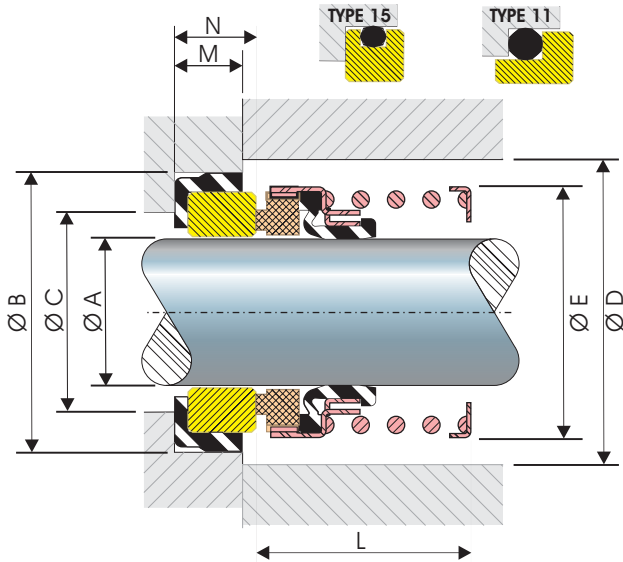


LINE "AME" DIN



CHARACTERISTICS

Applications:

VAZEL mechanical seal Line "AME" DIN 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. Dimensions of seal are referenced in the DIN 24960 norm.

Design:

Mechanical seal with rubber bellows, 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

Dimensions

A	B	C	D	E	L	M	N
±0.05	±0.05	REF.	Min.	±0.38	±0.05	±0.12	±0.38
10	21.00	17.00	22.00	20.24	23.90	5.50	8.60
12	23.00	19.00	24.00	23.42	23.90	5.50	8.60
14	25.00	21.00	26.00	24.00	26.40	5.50	8.60
16	27.00	23.00	28.00	26.42	26.40	5.50	8.60
18	33.00	27.00	34.00	29.49	27.50	7.00	10.00
20	35.00	29.00	36.00	31.34	27.50	7.00	10.00
22	37.00	31.00	38.00	32.92	27.50	7.00	10.00
24	39.00	33.00	40.00	38.10	30.00	7.00	10.00
25	40.00	34.00	41.00	38.10	30.00	7.00	10.00
28	43.00	37.00	44.00	41.28	32.50	7.00	10.00
30	45.00	39.00	46.00	45.24	32.50	7.00	10.00
32	48.00	42.00	48.00	45.24	32.50	7.00	10.00
33	48.00	42.00	49.00	47.90	32.50	7.00	10.00
35	50.00	44.00	51.00	47.90	32.50	7.00	10.00
38	56.00	49.00	58.00	52.37	34.00	8.00	11.00
40	58.00	51.00	60.00	57.15	34.00	8.00	11.00
43	61.00	54.00	63.00	60.76	34.00	8.00	11.00
45	63.00	56.00	65.00	60.76	34.00	8.00	11.00
48	66.00	59.00	68.00	63.91	34.00	8.00	11.00
50	70.00	62.00	70.00	65.91	34.50	8.50	13.00
53	73.00	65.00	73.00	70.87	34.50	8.50	13.00
55	75.00	67.00	75.00	70.87	34.50	8.50	13.00
58	78.00	70.00	83.00	77.70	39.50	8.50	13.00
60	80.00	72.00	85.00	77.70	39.50	8.50	13.00
63	83.00	75.00	88.00	81.10	39.50	8.50	13.00
65	85.00	77.00	90.00	85.65	39.50	8.50	13.00
68	90.00	81.00	93.00	89.69	37.20	9.50	15.30
70	92.00	83.00	95.00	89.69	44.70	9.50	15.30
75	97.00	88.00	104.00	96.82	44.70	9.50	15.30

NOTE: All measurements are in millimeters.

OPERATIONAL LIMITS

OPERATION	LIMITS
SHAFT SPEED	2,500 RPM*
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

