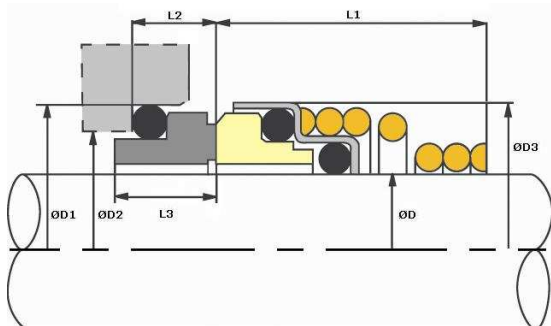


Type 13



STANDARD SIZES



Metric Size D	Size Code	D1	D2	D3	L1	L2	L3	L TOT
10	0100	18.10	14.00	19.50	15.00	5.50	7.00	20.50
11	0110	20.60	16.50	22.00	18.00	5.50	7.00	23.50
12	0120	20.60	16.50	22.00	18.00	5.50	7.00	23.50
13	0130	23.10	19.00	24.00	22.00	6.00	7.50	28.00
14	0140	23.10	19.00	24.00	22.00	6.00	7.50	28.00
15	0150	26.90	21.00	26.00	22.00	7.00	9.20	29.00
16	0160	26.90	21.00	26.00	23.00	7.00	9.20	30.00
17	0170	26.90	21.00	26.00	23.00	7.00	9.20	30.00
18	0180	30.90	25.00	32.00	24.00	8.00	10.00	32.00
19	0190	30.90	25.00	32.70	25.00	8.00	10.00	33.00
20	0200	30.90	25.00	32.70	25.00	8.00	10.00	33.00
21	0210	35.40	30.00	36.00	25.00	8.00	10.00	33.00
22	0220	35.40	30.00	36.00	25.00	8.00	10.00	33.00
23	0230	35.40	30.00	36.00	27.00	8.00	10.00	35.00
24	0240	35.40	30.00	37.40	27.00	8.00	10.00	35.00
25	0250	38.20	33.00	38.00	27.00	8.50	10.00	35.50
28	0280	43.30	38.00	42.00	29.00	9.00	11.00	38.00
29	0290	43.30	38.00	44.00	30.00	9.00	11.00	39.00
30	0300	43.30	38.00	44.00	30.00	9.00	11.00	39.00
32	0320	43.30	38.00	45.50	30.00	9.00	11.00	39.00
33	0330	53.50	45.00	46.50	39.00	11.50	13.00	50.50
35	0350	53.50	45.00	49.00	39.00	11.50	13.00	50.50
38	0380	60.50	52.00	56.00	39.00	11.50	13.00	50.50
40	0400	60.50	52.00	58.00	39.00	11.50	13.00	50.50

'O'-ring mounted, directional dependant, conical spring seal with pressed-steel head. The face is retained by an 'O'-ring, allowing for quick changes.

This widely utilised seal design is highly suitable for light duties, especially in centrifugal pumps.

STANDARD FACE MATERIALS
 Rotary Face: Carbon, Silicon Carbide or Tungsten Carbide.
 Seat Ring: Ceramic, Silicon Carbide or Tungsten Carbide.

OTHER FACE MATERIALS TO ORDER.

Suggested Operating Limits

Pressure 160psi Speed 15m/s
 Temperature -40 to +180°C
 Limits are dependant upon shaft size, shaft speed, temperature, and media to be sealed.