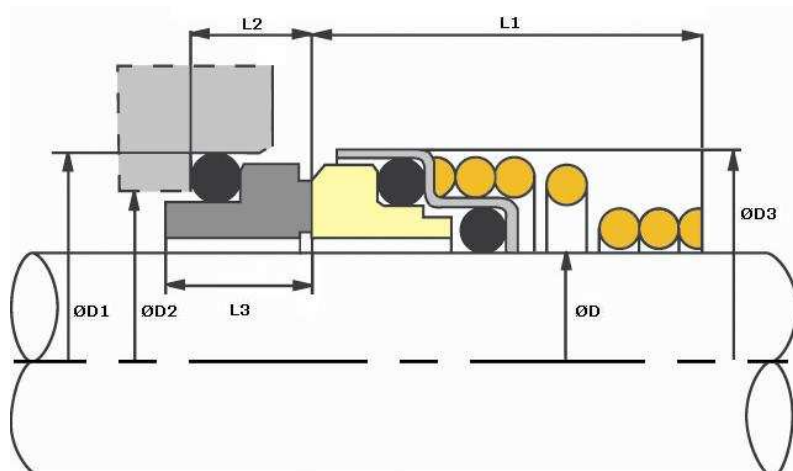


# Type 13.DIN



## STANDARD SIZES

'O'-ring mounted, directional dependant, conical spring seal with pressed-steel head and seat to DIN 24960 housing sizes. 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.	

Metric Size D	Size Code	D1	D2	D3	L1	L2	L3	L TOT
10	0100	21.00	17.00	19.50	15.00	7.00	8.00	22.00
12	0120	23.00	19.00	22.00	18.00	7.00	8.00	25.00
14	0140	25.00	21.00	24.00	22.00	7.00	8.00	29.00
16	0160	27.00	23.00	26.00	23.00	7.00	9.20	30.00
18	0180	33.00	27.00	32.00	24.00	10.00	12.00	34.00
20	0200	35.00	29.00	32.70	25.00	10.00	12.00	35.00
22	0220	37.00	31.00	36.00	25.00	10.00	12.00	35.00
24	0240	39.00	33.00	37.40	27.00	10.00	12.00	37.00
25	0250	40.00	34.00	38.00	27.00	10.00	12.00	37.00
28	0280	43.00	37.00	42.00	29.00	10.00	12.00	39.00
30	0300	45.00	39.00	44.00	30.00	10.00	12.00	40.00
32	0320	48.00	42.00	45.50	30.00	10.00	12.00	40.00
33	0330	48.00	42.00	46.50	39.00	10.00	12.00	49.00
35	0350	50.00	44.00	49.00	39.00	10.00	12.00	49.00
38	0380	56.00	49.00	56.00	42.00	13.00	15.00	55.00
40	0400	58.00	51.00	58.00	42.00	13.00	15.00	55.00