

LRB03 - LRB03A - LRB03B



TYPE LRB03

COMPONENTS:

- 1 Rotating contact surface
- 2 Stationary contact surface
- 3 Bellows
- 3a Elastomeric cup
- 4 Spring
- 5 Metal frame

SECTORS:



CHARACTERISTICS:

- Unbalanced.
- Not dependent on the rotation direction.
- Single cylindrical spring.

OPERATING LIMITS:

$d_1 = 10 \div 30 \text{ mm}$ $p = 6 \text{ kg/cm}^2$

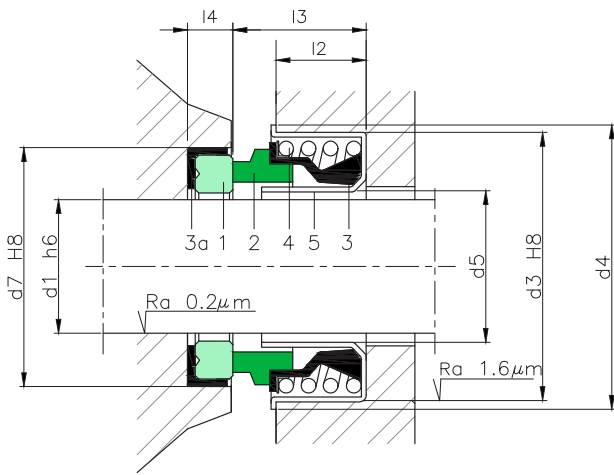
$v = 10 \text{ m/s}$ $t = -20 \div +100^\circ\text{C} (*)$

(*) The temperature resistance depends on the material of the secondary seals used.

The operating limits are defined by the PV factor which is determined for the sealing system characteristics and those of the application.

DESCRIPTION:

Mechanical seal with a compact design and small dimensions which is ideal for simple hydromassage or drinking water pumps. The rotating part is attached to the pump impeller, rotates together with it. The stationary part is secured to the housing on its external diameter.



DIMENSIONS CHART LRB03

Dimensions in mm

Shaft		Rotary part		Stationary part				
(")	mm	d ₇	l ₄	d ₃	d ₄	d ₅	l ₂	l ₃
1/2	13	25.0	7.5	28.5	32.0	14.5	8.0	13.2
1/2 B	13	25.0	5.0	28.5	32.0	14.5	8.0	13.2
1/2 C	13	25.0	5.0	30.0	34.5	14.0	7.5	13.2
5/8	16	31.7	10.0	36.5	41.0	17.5	8.5	16.3
5/8 B	16	31.0	5.0	36.5	41.0	17.5	8.5	16.3
3/4	19	35.0	10.0	40.0	43.0	21.5	9.5	16.0
3/4 B	19	35.0	5.0	40.0	43.0	21.5	9.5	16.0
1	25	41.0	11.0	47.0	51.0	26.5	11.0	18.0
1 1/8	29	48.0	8.5	52.0	57.0	31.0	11.0	18.5

Dimensions subject to changes or modifications.