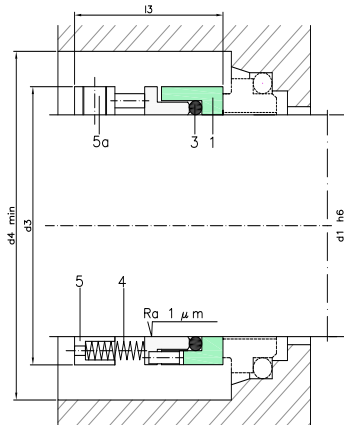


LMS22



COMPONENTS:

- 1 Rotating contact surface
- 3a O-rings
- 4 Springs
- 5 Metal frame
- 5a Set screws

SECTORS:



CHARACTERISTICS:

- Unbalanced.
- System attached to the shaft by allen screws.
- Not dependent on the rotation direction

OPERATING LIMITS:

$d_1 = 20 \div 100 \text{ mm}$ $p = 12 \text{ kg/cm}^2$

$v = 20 \text{ m/s}$ $t = -40 \div +200^\circ\text{C} (*)$

(*) 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:

The contact surface of the rotating part can be detached, which makes this model extremely versatile as it is easy to exchange contact surfaces made of different materials.

DIMENSIONS CHART

Dimensions in mm

| Shaft mm | Rotary part | | |
|-------------|----------------|----------------|----------------|
| | d ₃ | d ₄ | l ₃ |
| 20 | 34 | 39 | 35 |
| 22 | 36 | 41 | 35 |
| 24 | 38 | 43 | 35 |
| 25 | 39 | 44 | 35 |
| 28 | 42 | 47 | 35 |
| 30 | 44 | 49 | 35 |
| 32 | 46 | 51 | 35 |
| 33 | 47 | 52 | 35 |
| 35 | 49 | 54 | 35 |
| 38 | 54 | 59 | 38 |
| 40 | 56 | 61 | 38 |
| 43 | 59 | 64 | 38 |
| 45 | 61 | 66 | 38 |
| 48 | 64 | 69 | 38 |
| 50 | 66 | 71 | 39 |
| 53 | 69 | 74 | 40 |
| 55 | 71 | 76 | 40 |
| 58 | 76 | 81 | 41 |
| 60 | 78 | 83 | 41 |
| 63 | 81 | 86 | 41 |
| 65 | 83 | 88 | 41 |
| 68 | 86 | 91 | 41 |
| 70 | 90 | 95 | 42 |
| 75 | 95 | 100 | 42 |
| 80 | 100 | 105 | 42 |
| 85 | 105 | 110 | 43 |
| 90 | 110 | 115 | 45 |
| 95 | 115 | 120 | 45 |
| 100 | 120 | 125 | 45 |

Dimensions subject to changes or modifications.

Dimensions in inches

| Shaft (") | Rotary part | | | |
|--------------|-------------|----------------|----------------|----------------|
| | mm | d ₃ | d ₄ | l ₃ |
| 1,00 | 25,40 | 39,70 | 44,70 | 41,28 |
| 1,13 | 28,58 | 42,85 | 47,85 | 41,28 |
| 1,19 | 30,15 | 44,45 | 49,45 | 41,28 |
| 1,25 | 31,75 | 46,02 | 51,02 | 41,28 |
| 1,38 | 34,93 | 49,20 | 54,20 | 41,28 |
| 1,44 | 36,50 | 50,80 | 55,80 | 41,28 |
| 1,50 | 38,10 | 52,37 | 57,37 | 41,28 |
| 1,63 | 41,28 | 58,72 | 63,72 | 44,45 |
| 1,75 | 44,45 | 60,33 | 65,33 | 44,45 |
| 1,88 | 47,63 | 65,07 | 70,07 | 44,45 |
| 2,00 | 50,80 | 68,25 | 73,25 | 44,45 |
| 2,13 | 53,98 | 71,42 | 76,42 | 44,45 |
| 2,25 | 57,15 | 74,60 | 79,60 | 44,45 |
| 2,38 | 60,33 | 77,77 | 82,77 | 44,45 |
| 2,50 | 63,50 | 80,95 | 85,95 | 44,45 |
| 2,63 | 66,68 | 84,12 | 89,12 | 44,45 |
| 2,75 | 69,85 | 87,30 | 92,30 | 44,45 |
| 2,88 | 73,03 | 90,47 | 95,47 | 44,45 |
| 3,00 | 76,20 | 93,65 | 98,65 | 44,45 |
| 3,13 | 79,38 | 101,60 | 106,60 | 44,45 |
| 3,25 | 82,55 | 104,78 | 109,78 | 44,45 |
| 3,38 | 85,73 | 107,95 | 112,95 | 44,45 |
| 3,50 | 88,90 | 111,13 | 116,13 | 44,45 |
| 3,63 | 92,08 | 114,30 | 119,30 | 44,45 |
| 3,75 | 95,25 | 117,48 | 122,48 | 46,02 |
| 3,88 | 98,43 | 120,65 | 125,65 | 46,02 |
| 4,00 | 101,60 | 123,83 | 128,83 | 46,02 |
| 4,25 | 107,95 | 130,18 | 135,18 | 52,37 |
| 4,50 | 114,30 | 136,53 | 141,53 | 52,37 |