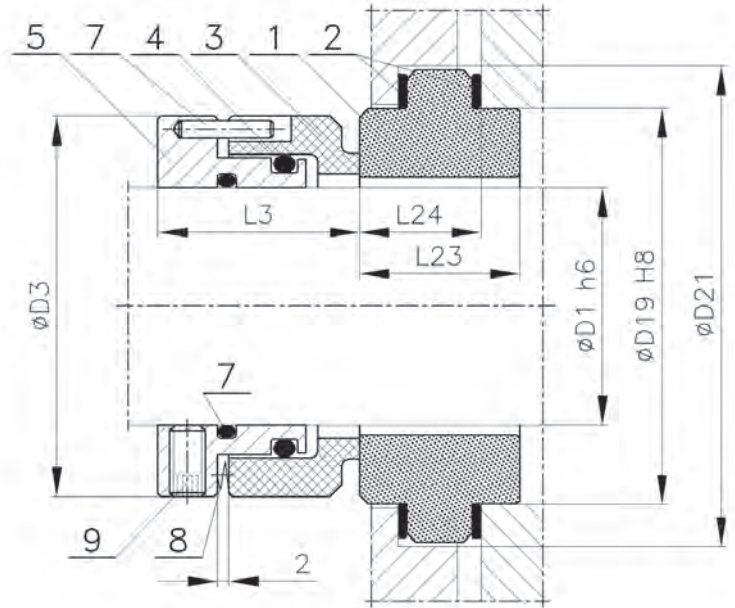


| Operating limits* |           |                   |
|-------------------|-----------|-------------------|
| Pressure          | $p_{max}$ | 1.0 MPa           |
| Temperature       | $t_{max}$ | 100 °C            |
| Speed             | $v_{max}$ | 10 m/s (3000 rpm) |

\* - see note on page 3.

- Single mechanical seal
- Outside mounted
- Balanced
- Multispring
- Dual directional



## Dimensions (mm)

| D1 | D3  | D19 <sub>(otwór)</sub> | D21 | L3* | L23  | L24  | L25  |
|----|-----|------------------------|-----|-----|------|------|------|
| 22 | 44  | 39,7                   | 51  | 34  | 17,6 | 13,8 | 10   |
| 24 | 48  | 42,9                   | 54  | 34  | 17,6 | 13,8 | 10   |
| 25 | 48  | 42,9                   | 54  | 34  | 17,6 | 14,3 | 11   |
| 28 | 52  | 50,8                   | 65  | 34  | 27   | 20,5 | 14   |
| 30 | 55  | 54                     | 68  | 34  | 27   | 20,5 | 14   |
| 32 | 55  | 54                     | 68  | 34  | 27   | 20,5 | 14   |
| 33 | 58  | 57,2                   | 71  | 34  | 27   | 20,5 | 14   |
| 35 | 59  | 57,2                   | 71  | 34  | 27   | 20,5 | 14   |
| 38 | 63  | 63,5                   | 78  | 34  | 27   | 20,5 | 14   |
| 40 | 64  | 66,7                   | 81  | 34  | 27   | 20,5 | 14   |
| 43 | 68  | 69,9                   | 84  | 34  | 27   | 20,5 | 14   |
| 45 | 70  | 69,9                   | 84  | 43  | 27   | 20,5 | 14   |
| 48 | 77  | 79,4                   | 97  | 43  | 33,3 | 25,3 | 17,3 |
| 50 | 77  | 79,4                   | 97  | 43  | 33,3 | 25,3 | 17,3 |
| 53 | 80  | 82,6                   | 100 | 43  | 33,3 | 25,8 | 18,3 |
| 55 | 80  | 85,8                   | 103 | 43  | 33,3 | 25,8 | 18,3 |
| 58 | 84  | 88,9                   | 106 | 43  | 33,3 | 25,8 | 18,3 |
| 60 | 86  | 88,9                   | 106 | 43  | 33,3 | 25,8 | 18,3 |
| 63 | 88  | 92,1                   | 110 | 43  | 33,3 | 25,8 | 18,3 |
| 65 | 91  | 95,3                   | 113 | 43  | 33,3 | 25,8 | 18,3 |
| 68 | 93  | 98,5                   | 116 | 43  | 33,3 | 25,8 | 18,3 |
| 70 | 98  | 98,5                   | 116 | 43  | 33,3 | 25,8 | 18,3 |
| 75 | 105 | 103,2                  | 121 | 43  | 33,3 | 25,8 | 18,3 |
| 80 | 111 | 114,3                  | 132 | 43  | 33,3 | 25,8 | 18,3 |
| 85 | 116 | 120,7                  | 138 | 43  | 33,3 | 25,8 | 18,3 |
| 90 | 121 | 127                    | 144 | 43  | 33,3 | 25,8 | 18,3 |

\* tolerance of L<sub>3</sub> dimension is ± 0.5 mm  
Other dimensions are available as an option. Please contact ANGA.

## Legend

- |                    |              |
|--------------------|--------------|
| 1. Stationary ring | 6. O-ring    |
| 2. Flat gasket     | 7. Drive pin |
| 3. Rotating ring   | 8. Springs   |
| 4. O-ring          | 9. Set screw |
| 5. Seal housing    |              |

## Application

This outside mounted mechanical seal is designed for poorly aggressive chemical substances and liquids containing solid particles. Used mostly in centrifugal pumps in purification plants, pulp & paper, chemical and sugar industries.

## Materials

| Part                      | Code        |
|---------------------------|-------------|
| Rotating ring             | B, U2, Q    |
| Stationary ring           | U2, Q, V, S |
| Secondary, flexible seals | E, P, K, V  |
| Spring                    | M           |
| Other metal parts         | G           |