

BT-A2

Mechanical seals | Mechanical seals for pumps | Elastomer bellows seals



Features

- Rubber bellows mechanical seal
- Unbalanced
- Single spring
- Independent of direction of rotation
- Stationary design

Advantages

Stationary mechanical seal in inch dimensions. Spread throughout the world, this type of mechanical seal has reached an unsurpassed quality level. The BT-A2 features all carbon or high quality resin impregnated carbon, aluminium oxide 96 %, is stationary and the rubber bellows are glued on collar. Static air pressure test to 100 % production. Excellent solution for swimming pool pumps.

Operating range

Shaft diameter: $d_1 = 1/2", 5/8", 3/4"$
 Pressure: $p_1^* = 4 \text{ bar (58 PSI)}$
 Temperature:
 $t^* = -20 \text{ °C ... } +90 \text{ °C (-4 °F ... } +194 \text{ °F)}$
 Sliding velocity: $v_g = 10 \text{ m/s (33 ft/s)}$

* Dependent on medium, size and materials

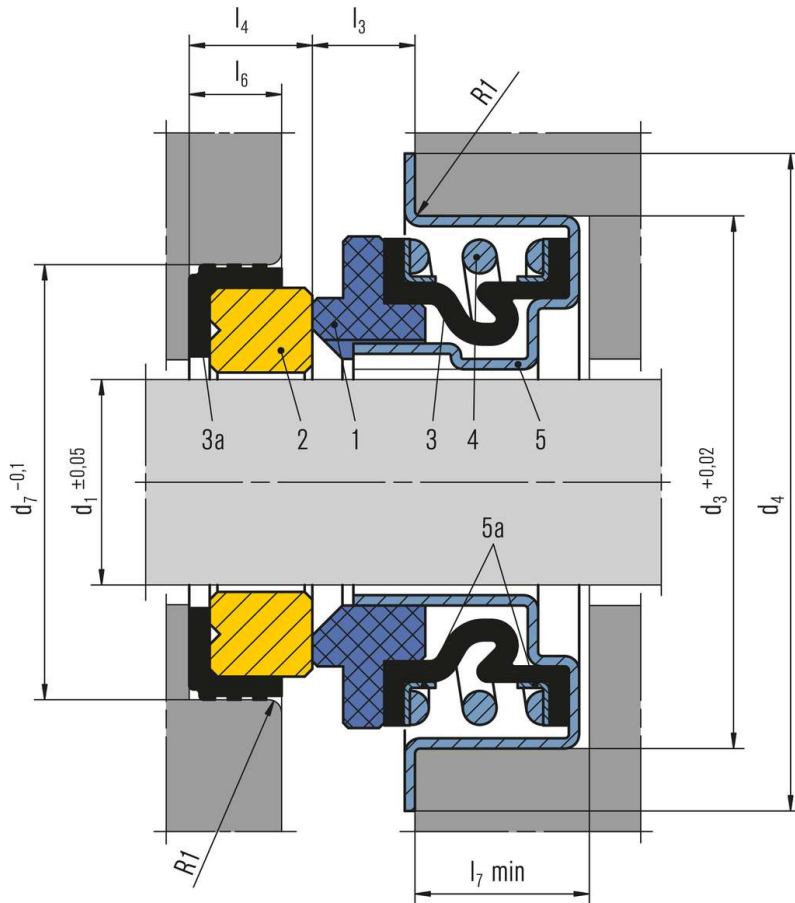
Materials

Seal face: Carbon graphite resin impregnated (B), Carbon graphite, full carbon (B3)
 Seat: Aluminium oxide (V1), Silicon carbide (Q1)
 Elastomers: NBR (P), EPDM (E), FKM (V)
 Metal parts: CrNi steel (F), CrNiMo steel (G)

Recommended applications

- Pool and spa applications
- Household appliances
- Domestic and garden pumps
- Clean water pumps
- Swimming pool pumps
- Whirlpool pumps

RELY ON EXCELLENCE



Item Description

- 1 Seal face
- 2 Seat
- 3 Bellows
- 3a Gasket
- 4 Spring
- 5 Collar
- 5a L-ring

Dimensions

d_1	d_1	d_3	d_4	d_7	l_3	tol	l_4	l_6	l_7
0.500"	12.70	28.55	35	25.40	5.2	+0.5	8.00	6.00	10
0.625"	15.88	36.45	41	31.75	6.8	+0.5	10.30	8.50	10
0.750"	19.05	40.00	44	34.95	6.5	+0.5	10.30	8.00	11

BT-A2 - Dimensions in inch / millimeter

All technical specifications are based on extensive tests and our many years of experience. The diversity of possible applications, however, means that they can serve only as guide values.

We must be notified of the exact conditions of application before we can provide any guarantee for a specific case. This is subject to change.