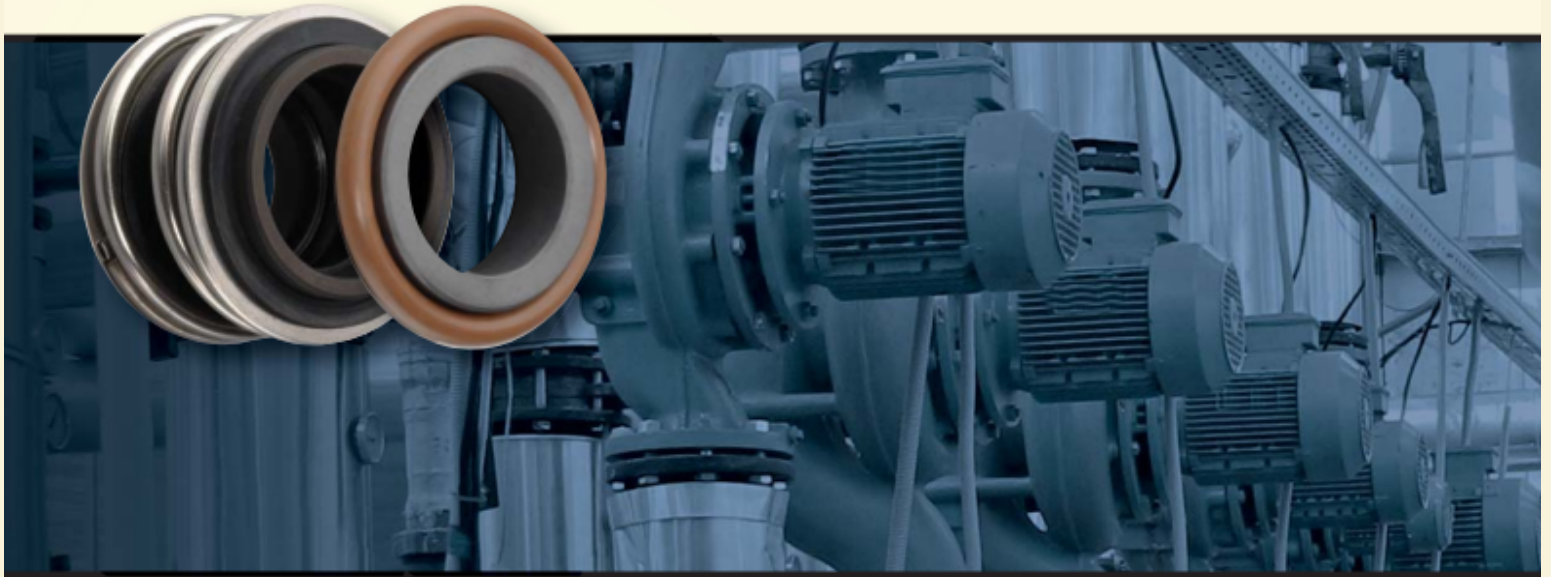


RBS SINGLE COMPONENT SEAL

ELASTOMER BELLOWS SEAL FOR GENERAL PURPOSE APPLICATIONS



Features

- Bidirectional seal with short axial length—fits most small pumps
- Robust frictional drive makes seal tolerant to unfavorable conditions
- Versatile to meet the needs of many applications
- Features a large spring that does not clog—suitable for media containing solids

RBS Single Component Seal for General Purpose Sealing

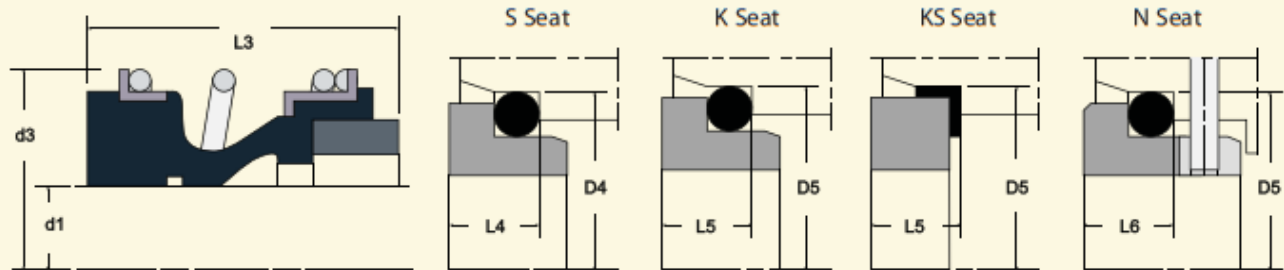
With proven Chesterton® quality, the RBS seal is the ideal choice for sealing small pumps where axial space is limited. Designed with a robust friction drive and large spring format, the RBS provides reliable sealing for a large range of fluids.

Pump Fit Flexibility

The RBS seal fits in seal chambers according to EN12756 (L_{1k}) standards as well as chambers with even shorter axial space. It comes with a choice of different mating stationary faces, allowing the RBS to fit in a wide pump population.

ELASTOMER BELLOWS

VERSATILE AND ROBUST



| d1 | d3 | D4 | D5 | L3 | L4 | L5 | L6 |
|----|------|------|----|------|------|-----|------|
| h6 | | H8 | H8 | | | | |
| 10 | 22.5 | 19.2 | 21 | 14.5 | 6.6 | 6.6 | 10 |
| 12 | 25 | 21.6 | 23 | 15 | 5.6 | 6.6 | 10 |
| 14 | 28.5 | 24.6 | 25 | 17 | 5.6 | 6.6 | 10 |
| 15 | 28.5 | 24.6 | | 17 | 6.6 | | |
| 16 | 28.5 | 28 | 27 | 17 | 7.5 | 6.6 | 10 |
| 18 | 32 | 30 | 33 | 19.5 | 8 | 7.5 | 11.5 |
| 20 | 37 | 35 | 35 | 21.5 | 7.5 | 7.5 | 11.5 |
| 22 | 37 | 35 | 37 | 21.5 | 7.5 | 7.5 | 11.5 |
| 24 | 42.5 | 38 | 39 | 22.5 | 7.5 | 7.5 | 11.5 |
| 25 | 42.5 | 38 | 40 | 23 | 7.5 | 7.5 | 11.5 |
| 28 | 49 | 42 | 43 | 26.5 | 9 | 7.5 | 11.5 |
| 30 | 49 | 45 | 45 | 26.5 | 10.5 | 7.5 | 11.5 |
| 32 | 53.5 | 48 | 48 | 27.5 | 10.5 | 7.5 | 11.5 |
| 33 | 53.5 | 50 | 48 | 27.5 | 11 | 7.5 | 11.5 |
| 35 | 57 | 52 | 50 | 28.5 | 11 | 7.5 | 11.5 |
| 38 | 59 | 55 | 56 | 30 | 10.3 | 9 | 14 |
| 40 | 62 | 58 | 58 | 30 | 10.8 | 9 | 14 |
| 43 | 65.5 | 62 | 61 | 30 | 12 | 9 | 14 |
| 45 | 68 | 64 | 63 | 30 | 11.6 | 9 | 14 |
| 48 | 70.5 | 68.4 | 66 | 30.5 | 11.6 | 9 | 14 |
| 50 | 74 | 69.3 | 70 | 30.5 | 11.6 | 9.5 | 15 |
| 53 | 78.5 | 72.3 | 73 | 33 | 12.3 | 11 | 15 |
| 55 | 81 | 75.4 | 75 | 35 | 13.3 | 11 | 15 |
| 58 | 85.5 | 78.4 | 78 | 37 | 13.3 | 11 | 15 |
| 60 | 88.5 | 80.4 | 80 | 38 | 13.3 | 11 | 15 |

Operating Parameters

| | |
|-------------|----------------|
| Sizes | 10 mm to 60 mm |
| Pressure | 12 bar g |
| Temperature | -15°C to 200°C |
| Speed | 10 m/s |

Materials of Construction

| | |
|------------------|-----------------|
| Rotary Faces | Carbon |
| | Silicon Carbide |
| Stationary Faces | Silicon Carbide |
| Bellows | FKM |
| | EPDM |
| O-rings | FKM |
| | EPDM |
| Springs | 304SS (1.4301) |

Chesterton ISO certificates available on www.chesterton.com/corporate/iso

Technical data reflects results of laboratory tests and is intended to indicate general characteristics only.

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