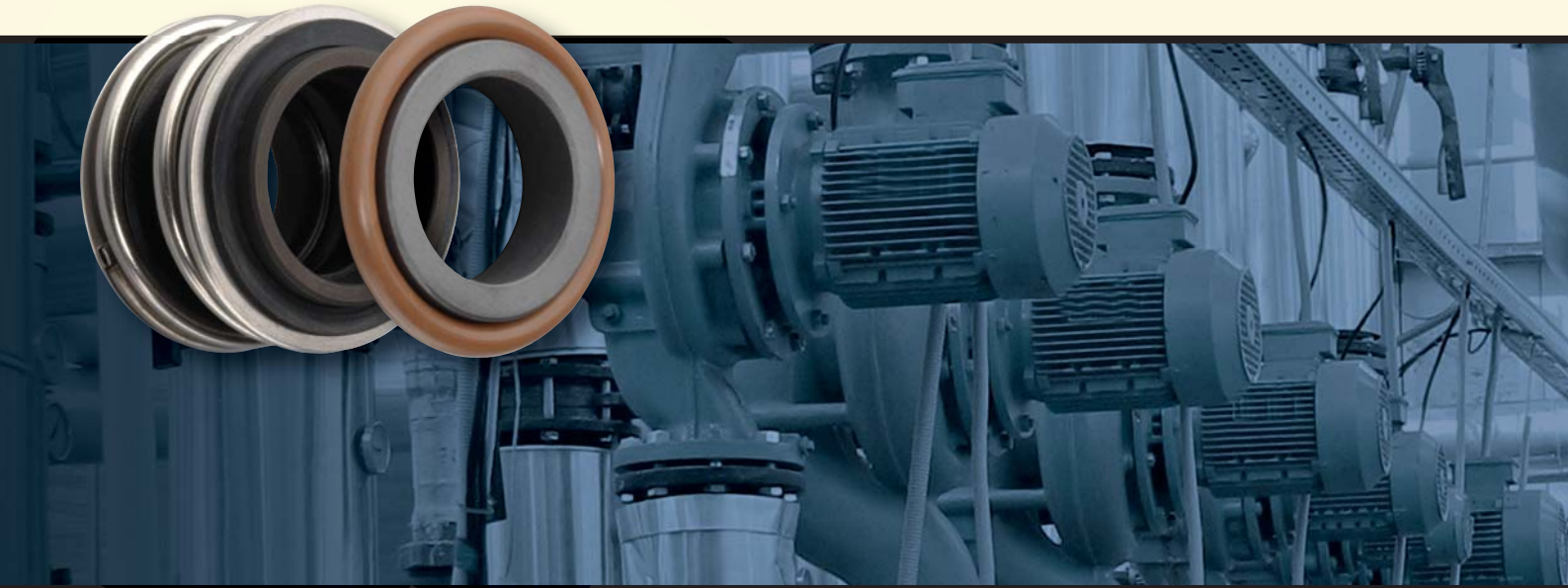


# RBS SINGLE COMPONENT SEAL

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

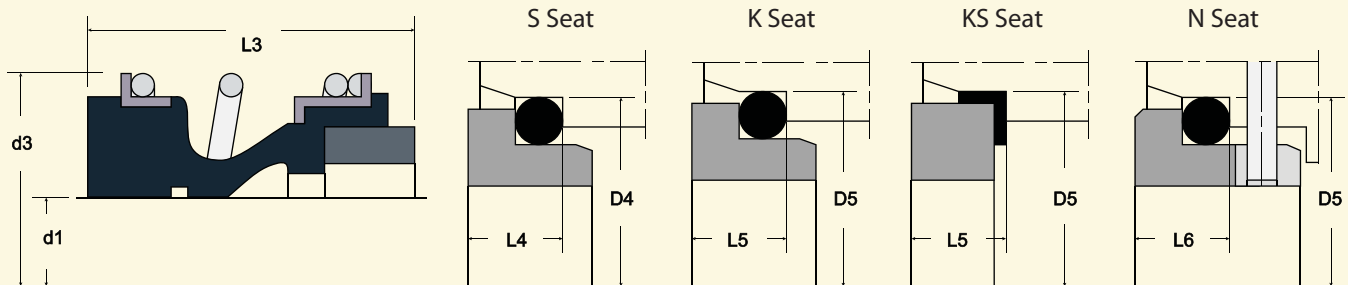
With proven Chesterton® quality, the RBS seal is the ideal choice for sealing small pumps where axial space is limited. Designed with a robust friction drive and large spring format, the RBS provides reliable sealing for a large range of fluids.

### Pump Fit Flexibility

The RBS seal fits in seal chambers according to EN12756 (L<sub>1k</sub>) 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](http://www.chesterton.com/corporate/iso)

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

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