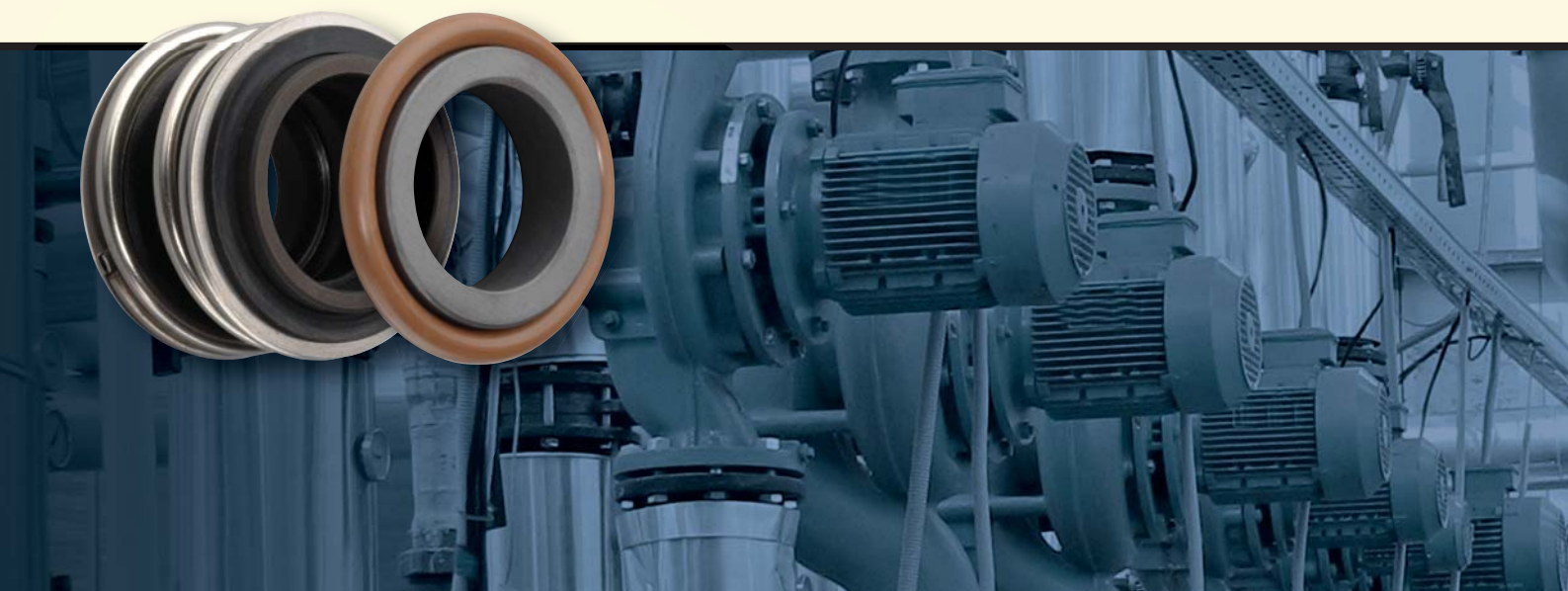


RBS SINGLE COMPONENT SEAL

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

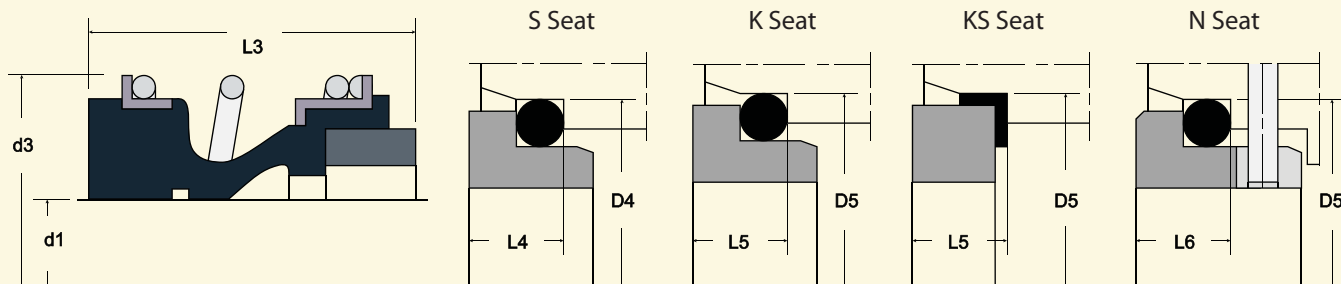
With proven Chesterton® quality, the RBS seal is the ideal choice for sealing small pumps where axial space is limited. Designed with a robust friction drive and large spring format, the RBS provides reliable sealing for a large range of fluids.

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.

A.W. CHESTERTON COMPANY DISCLAIMS ALL WARRANTIES EXPRESSED, OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE OR USE. LIABILITY, IF ANY, IS LIMITED TO PRODUCT REPLACEMENT ONLY. ANY IMAGES CONTAINED HEREIN ARE FOR GENERAL ILLUSTRATIVE OR AESTHETIC PURPOSES ONLY AND ARE NOT INTENDED TO CONVEY ANY INSTRUCTIONAL, SAFETY, HANDLING OR USAGE INFORMATION OR ADVICE RESPECTING ANY PRODUCT OR EQUIPMENT. PLEASE REFER TO RELEVANT MATERIAL SAFETY DATA SHEETS, PRODUCT DATA SHEETS, AND/OR PRODUCT LABELS FOR SAFE USE, STORAGE, HANDLING, AND DISPOSAL OF PRODUCTS, OR CONSULT WITH YOUR LOCAL CHESTERTON SALES REPRESENTATIVE.



860 Salem Street
Groveland, MA 01834 USA
Telephone: 781-438-7000
Fax: 978-469-6528
www.chesterton.com

© A.W. Chesterton Company, 2010. All rights reserved.
® Registered trademark owned and licensed by
A.W. Chesterton Company in USA and other countries.

DISTRIBUTED BY:



Area Tecnica Srl
Strada Banchette 3/1 - 10090 Rosta (TO)
Tel. (+39) 011 4035367 - Fax (+39) 011 4113564
info@areatecnica.it - www.areatecnica.it

FORM NO. EN22539

PRINTED IN USA 12/10