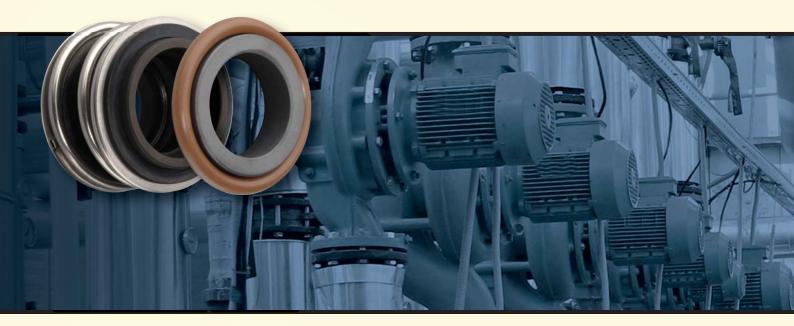
# RBS SINGLE COMPONENT SEAL

**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<sub>®</sub> 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.

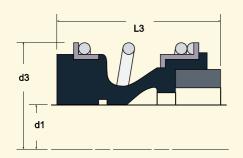
#### **Pump Fit Flexibility**

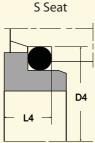
The RBS seal fits in seal chambers according to EN12756 ( $L_{1k}$ ) standards as well as chambers with even shorter axial space. It comes with a choice of different mating stationary faces, allowing the RBS to fit in a wide pump population.

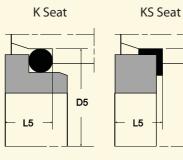


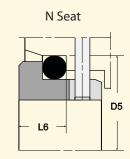
### **ELASTOMER BELLOWS**

#### **VERSATILE AND ROBUST**









d1	d3	D4	D5	L3	L4	L5	L6
h6		H8	Н8				
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

Sizes	10 mm to 60 mm		
Pressure	12 bar g		
Temperature	-15°C to 200°C		
Speed	10 m/s		
Materials of Consti	cuction		
iviateriais oi Consti	uction		
Rotary Faces	Carbon		
	Silicon Carbide		
Stationary Faces	Silicon Carbide		
	FIZAA		
Bellows	FKM		
Bellows	EPDM		
Bellows O-rings			
	EPDM		

D5

#### 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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