



SSAI™

Short Internal Balanced Component Seal



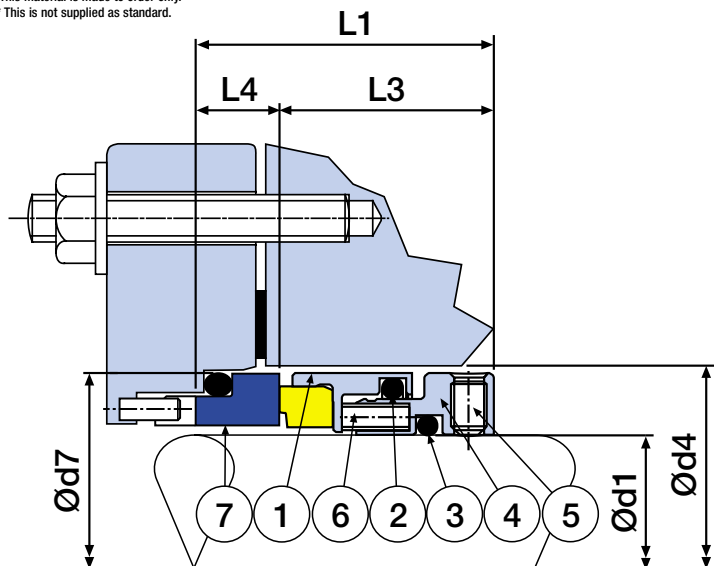
- **SHORT WORKING LENGTH**
- **FOR USE WITH AESSEAL® SO5 SEAT**
- **NO SHAFT FRETTING**
- **HYDRAULICALLY BALANCED
SEAL FACES**
- **SOLID DRIVE LUG DESIGN**

SSAI™ Short Internal Balanced Component Seal - technical information

The SSAI™ is a short internal balanced mechanical seal for use with the AESSEAL® SO5 seat.

Item	Description	Material
1	Rotary Face	316L SS - Carbon / TC* / SiC
2	Rotary O Ring	Viton® / EPR / Kalrez® / Aflas®
3	Inner Barrel O Ring	Viton® / EPR / Kalrez® / Aflas®
4	Inner Barrel	316 Stainless Steel
5	Drive Screw	Stainless Steel
6	Springs	Alloy 276
7	SO5 Stationary**	

* This material is made to order only.
** This is not supplied as standard.



SSAI™ - Dimensional Information (mm)

Ød1	L3	L4	L1	Ød7	Ød4min
20	20	10.0	30.0	35	36
22	20	10.0	30.0	37	38
24	22	10.0	32.0	39	40
25	23	10.0	33.0	40	41
28	23	10.0	33.0	43	44
30	24	10.0	34.0	45	46
32	24	10.0	34.0	48	48
33	24	10.0	34.0	48	49
35	24	10.0	34.0	50	51
38	27	11.0	38.0	56	58
40	28	11.0	39.0	58	60
43	28	11.0	39.0	61	63
45	28	11.0	39.0	63	65
48	28	11.0	39.0	66	68
50	27	13.0	40.0	70	70
53	27	13.0	40.0	73	73
55	27	13.0	40.0	75	75
58	29	13.0	42.0	78	83
60	29	13.0	42.0	80	85
63	32	13.0	45.0	83	88
65	32	13.0	45.0	85	90
68	32	15.3	47.3	90	93
70	32	15.3	47.3	92	95
75	32	15.3	47.3	97	104
80	32	15.7	47.7	105	109
85	32	15.7	47.7	110	114
90	38	15.7	53.7	115	119
95	38	15.7	53.7	120	124
100	38	15.7	53.7	125	129

Sizes in bold are available from stock. Other sizes available upon request and include an estimated 10 week delivery.

The features and benefits of the SSAI™

- Short Axial Length:** The SSAI™ is primarily designed for use with the AESSEAL® SO5 seat.
- Balanced Seal Faces:** The rotary seal is hydraulically balanced to close under product pressure.
- Solid Drive:** The SSAI™ has a robust machined drive design.
- Multi-springs:** Creates even seal face loading.
- Springs out of the product:** Helps to prevent spring clogging.
- Retained Rotary:** The special SSAI™ retention feature prevents the rotary seal face separating from the inner barrel during seal installation.
- No shaft fretting:** Eliminates shaft wear and expensive equipment refurbishment costs.



THIS DOCUMENT IS DESIGNED TO PROVIDE DIMENSIONAL INFORMATION AND AN INDICATION OF AVAILABILITY. FOR FURTHER INFORMATION AND SAFE OPERATING LIMITS CONTACT OUR TECHNICAL SPECIALISTS AT THE LOCATIONS BELOW.



USE DOUBLE MECHANICAL SEALS WITH HAZARDOUS PRODUCTS. ALWAYS TAKE SAFETY PRECAUTIONS:

- GUARD YOUR EQUIPMENT
- WEAR PROTECTIVE CLOTHING



WARNING

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