

SCMS-DWSB™

Reduced height mixer seal with ball bearing



- For Top and Side Entry Mixer Applications
- No shaft fretting
- Modular design

SCMS-DWSB™ Mixer Seal

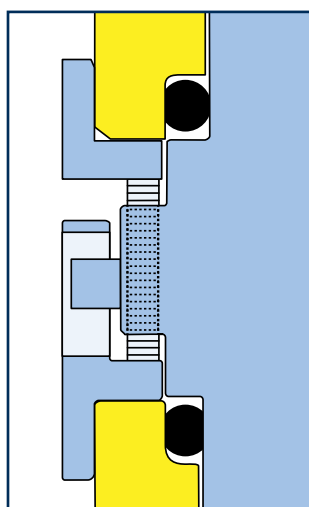
Designed specifically for Mixer, Agitator and Reactor applications.

Available from 40mm to 140mm (DIN or straight shafted)

- Double seal for both modern and mature mixer designs
- Suitable for both top or side entry applications
- Reduced height - ideal in situations where space is limited
- Dual balanced design - maintains containment through a range of process fluctuations
- Fail safe protection - Independent seal face loading using unique common multi-spring design (patent pending)
- Self adjusting axial movement compensation - common multi-spring design maintains precise face loading to both sets of seal faces
- Monolithic seal faces
- Supplied with integral steady bearing
- Process pressure up to 14 barg

SCMS-DWSB™ — Short Canister Mixer Seal Double Wet Steady Bearing version

The SCMS-DWSB™ mixer seal is specifically designed for use on a broad range of mixers, agitators and reactor applications. It is suitable for side entry (flooded) or top entry (running in vapour) mounting.



**Independent seal face loading
using common multi-spring design**



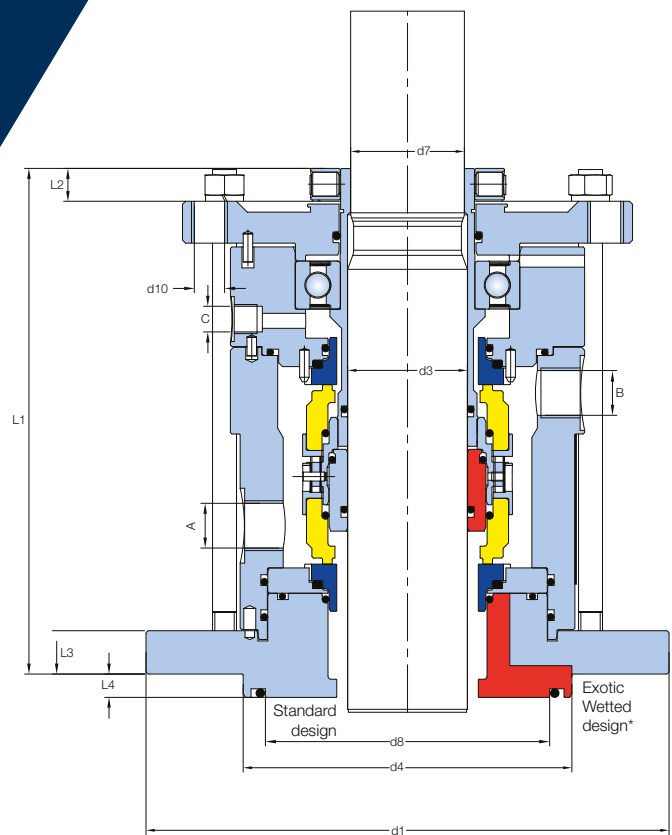
SCMS-DWSB™

The SCMS-DWSB™ uses the modular components of the SCMS-DW™.

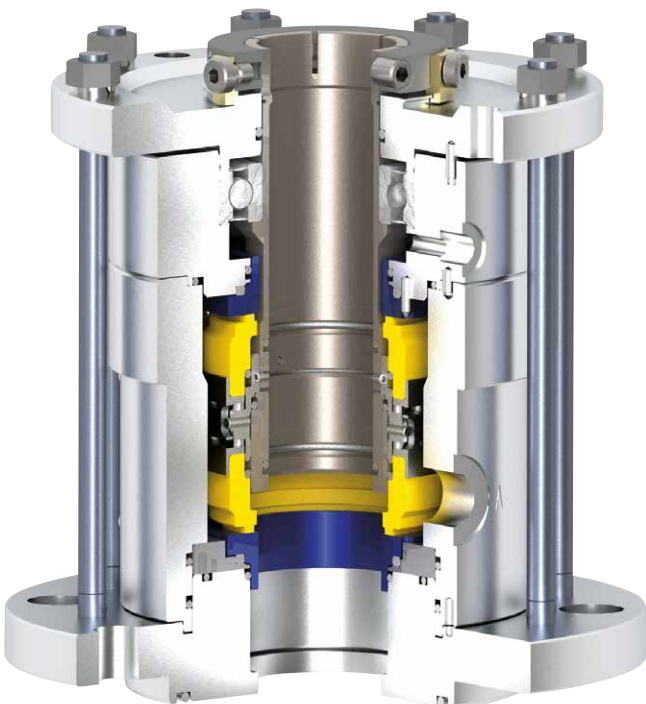
The seal offers designs in accordance with DIN 28 138. SCMS-DWSB™ Double Wet (liquid barrier) seal and integral Steady Bearing.

The seal is offered with the following features:

- Top entry seal design
- Designed for mixers, agitators and reactors
- Double balanced inboard seal faces
- Cartridge seal with integral steady bearing to DIN 28 138 and straight shafted designs
- No shaft fretting
- Modular design



d3	d7	nx d2	d4	d8	k	L1	L2	L3	L4	d10	d20	A,B	C
40	38	4*18	110	92	145	168.9	11	15	7.8	M8	M16	3/8" BSP	1/8" BSP
50	48	8*18	176	136	210	173.6	13.1	33	8.4	M10	M16	3/8" BSP	1/8" BSP
60	58	8*18	176	140	210	189.6	11.1	39	8.4	M10	M16	3/8" BSP	1/8" BSP
80	78	8*22	204	155	240	200.3	19.7	20	8.4	M10	M20	3/8" BSP	1/8" BSP
100	98	12*22	234	187	270	210.5	20.6	20	8.4	M10	M20	3/8" BSP	1/8" BSP
125	120	8*22	260	213	295	242.2	19.1	48	8.4	M10	M20	3/8" BSP	1/8" BSP
140	135	12*22	312.8	251	350	259.4	21.4	58	8.4	M12	M20	3/8" BSP	1/8" BSP



Inboard Face Options:

SiC/Resin Impregnated Carbon, SiC/SiC

Outboard Face Options:

Resin Impregnated Carbon/SiC

Elastomer Options:

AES-ELAST, EPDM, FFKM, FKM (Standard), TFE/P

Gasket Options:

O Ring (standard), AF1, GFT

Shaft Clamping:

Collet clamp ring with set screws (standard)

* Exotic Alloy options designed to order and are not inventoried
Contact AESSEAL® technical department for information and availability.



ENVIRONMENTAL TECHNOLOGY

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www.aesseal.com

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For further information and safe operating limits contact our technical specialists at the locations below.



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AESSEAL plc is certified to:

ISO 9001, ISO 14001, ISO/IEC 20000,
ISO/IEC 27001, ISO/TS 29001, ISO 37001,
ISO 45001 & ISO 50001

Use double mechanical seals with hazardous products. Always take safety precautions:

- Guard your equipment
- Wear protective clothing



SAFETY NOTICE

Containment Seals (2CW-CS or 2NC-CS)

Monitoring the containment seal's (CS) integrity is important. Review the guidance to understand risks, apply best practices & ensure safe, reliable operation.

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