

LabTecta® 66RDS

Radially Divided Bearing Protector



- Eliminate the cause of over 50% of bearing failures
- Extended bearing and equipment life
- LabTecta®66 contamination prevention technology
- No shaft wear or damage to equipment
- Easy installation

LabTecta®66RDS – Radially Divided Seal

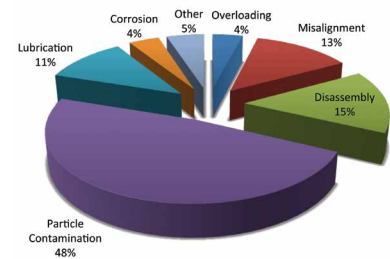


The AESSEAL® LabTecta®66RDS provides a quick and cost effective alternative to dismantling large equipment to fit bearing seals. It can be tailored to suit any specific application whether it is a new build project or retrofitted to existing equipment.

Eliminate the cause of over 50% of bearing failures

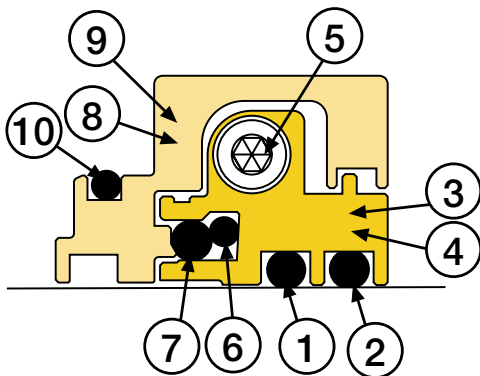
A major study into equipment reliability has shown **48%** of all bearing failures are due to particle contamination of the bearing oil, with an additional **4%** due to corrosion caused by water contamination.

This gives a total of **52% of bearing failures** caused by contamination of the bearing oil. The LabTecta®66 product family can prevent these failures.



Causes of Bearing Failure

The LabTecta®66RDS combines the hugely successful contamination prevention technology of the LabTecta®66 range, with the ease of installation of a split-seal. As well as keeping contamination out, it is effective at keeping oil in: this means you save time and money by needing fewer oil changes.



Item	Description	Material
1	Split Rotary O Ring	Viton®
2	Split Rotary O Ring	Viton®
3	Rotary Half	Phosphor Bronze
4	Rotary Half	Phosphor Bronze
5	Capscrew	Stainless Steel
6	Energizing O Ring	Viton®
7	Shut-off Rotary O Ring	Viton®
8	Stator Half	Phosphor Bronze
9	Stator Half	Phosphor Bronze
10	Body O Ring	Viton®



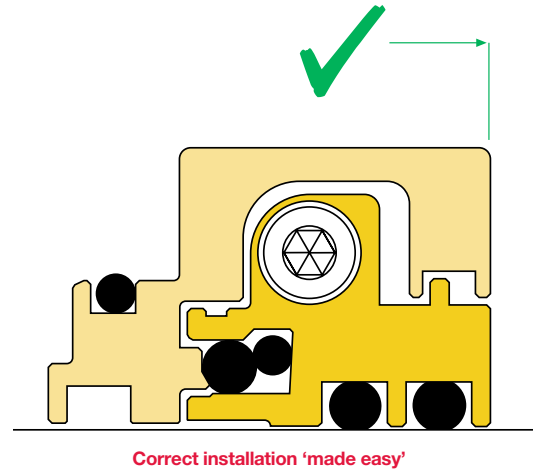
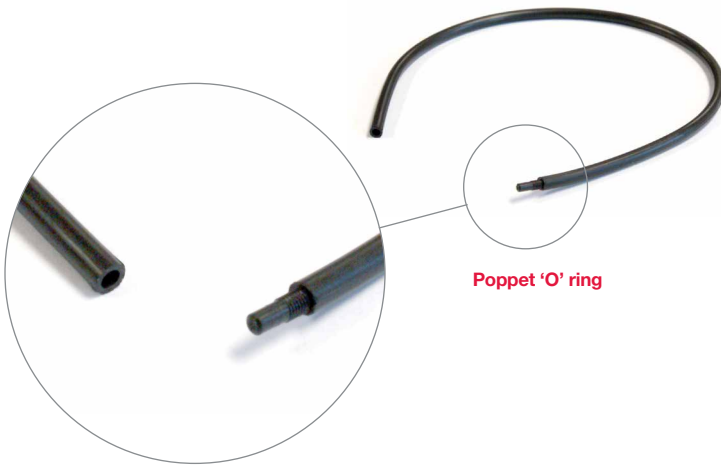
LabTecta®66RDS — Easy Installation

The unique design of the LabTecta®66RDS means installation problems are a thing of the past. The entire assembly comprises of only two split metal parts and five 'O' rings.

An additional option supplied by AESSEAL® is poppet type 'O' rings which means installation even in the tightest of places is relatively straight forward.

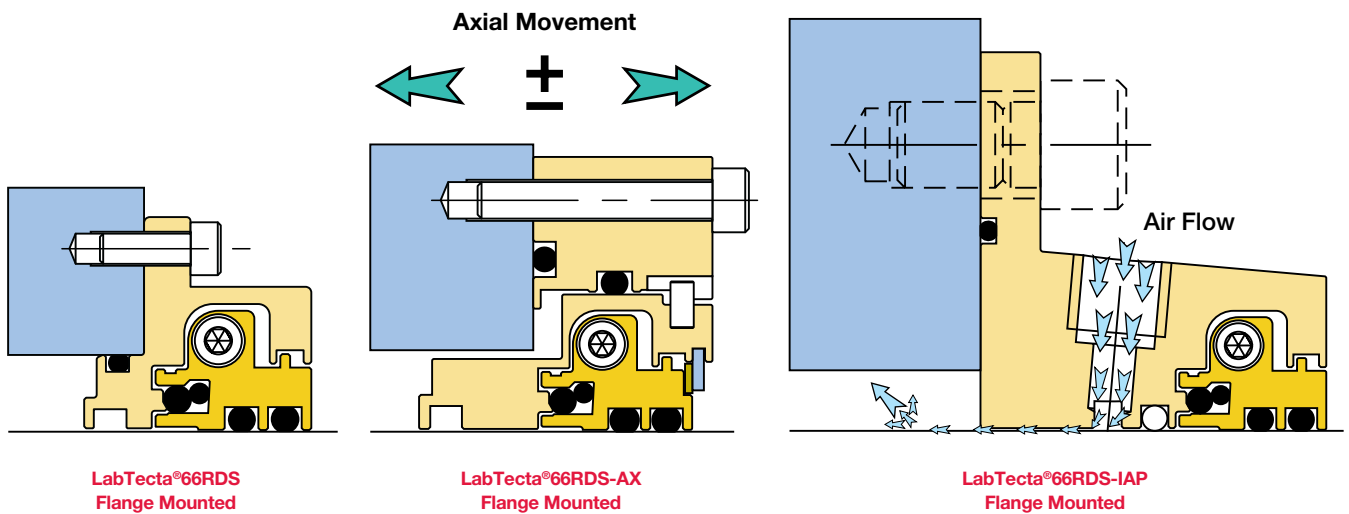
'No need for setting clips'

To ensure the LabTecta®66RDS is installed correctly, simply check the rotary face sits flush with the stator face.



LabTecta®66RDS — Alternative Designs

The LabTecta®66RDS is also available in several configurations including flange mounted, axial movement and internal air-purge, giving even greater flexibility for your application. For further technical information or to enquire about pricing and delivery contact the Bearing Protection Division.



LabTecta®66RDS – Designed for Your Equipment

Sketch Housing Dimensions:

Either use the “standard” diagram provided or sketch your own below.

Dimensions:

ØA (Shaft Ø):

ØB (Housing bore Ø):

ØC (First obstruction on face):

D (Max. insertion):

E (First obstruction):

Application Data:

Equipment type: Shaft horizontal or vertical:

Speed: Bearing type:

Lubrication type / system: Max. axial movement:

Complete the information above and send to:

UK Fax: **+44 (0) 1709 720788** USA Fax: **+1 865 531 0571** E-mail: sales@labtecta.com

Further information about the AESSEAL® LabTecta®66 range is available in the standard LabTecta®66 brochure.

E-mail: sales@labtecta.com to request a copy or download it from our website: www.labtecta.com

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:

WARNING

- Guard your equipment
- Wear protective clothing

UK Sales & Technical advice:

AESSEAL plc
 Mill Close
 Bradmarsh Business Park
 Rotherham, S60 1BZ
 United Kingdom
 Tel: +44 (0) 1709 369966
 Fax: +44 (0) 1709 720788
 E-mail: seals@aes seal.com

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USA Sales & Technical advice:

AESSEAL Inc.
 355 Dunavant Drive
 Rockford,
 TN. 37853
 USA
 Tel: +1 865 531 0192
 Fax: +1 865 531 0571
 E-mail: usa@aes seal.com

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