AESSEAL®
EXPERIENCE THE EXCEPTIONAL

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

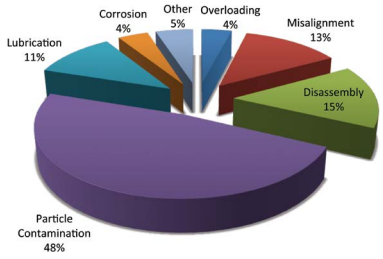
LabTecta®66RDS — Radially Divided Seal

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

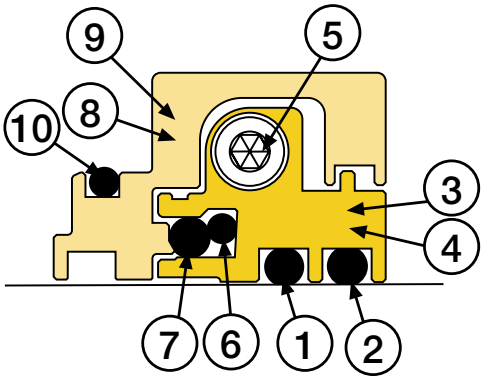
A major study into equipment reliability has shown **48%** of all bearing failures are due to particle contamination of the bearing oil, with an additional **4%** due to corrosion caused by water contamination.

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®





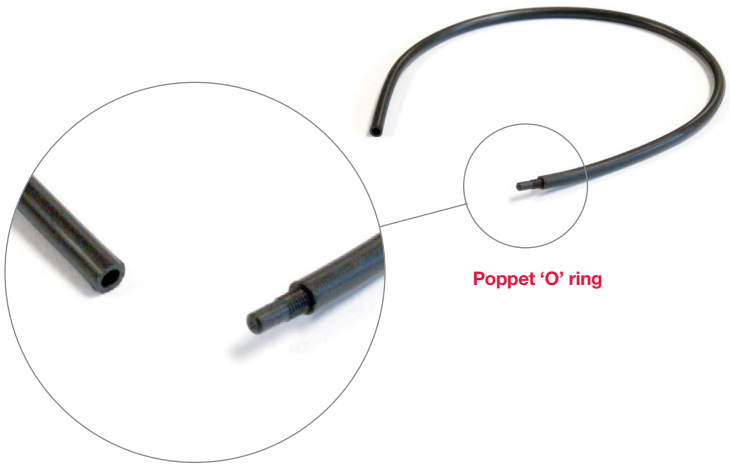
LabTecta®66RDS — Easy Installation

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.

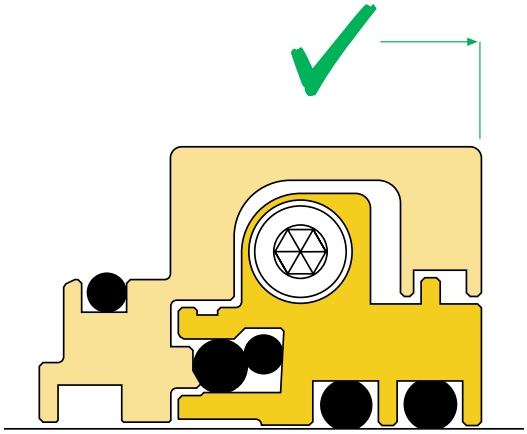
An additional option supplied by AESSEAL® is poppet type 'O' rings which means installation even in the tightest of places is relatively straight forward.

'No need for setting clips'

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



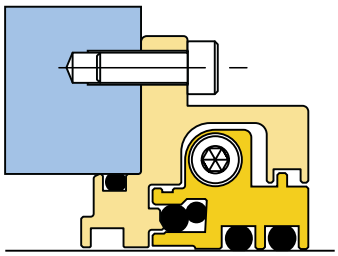
Poppet 'O' ring



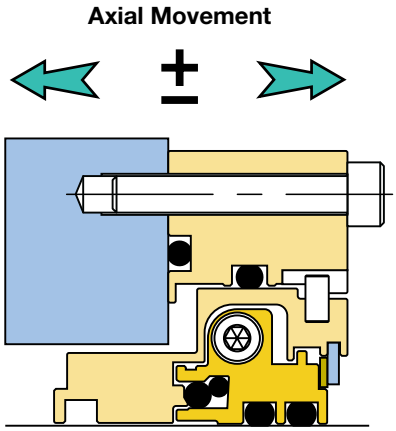
Correct installation 'made easy'

LabTecta®66RDS — Alternative Designs

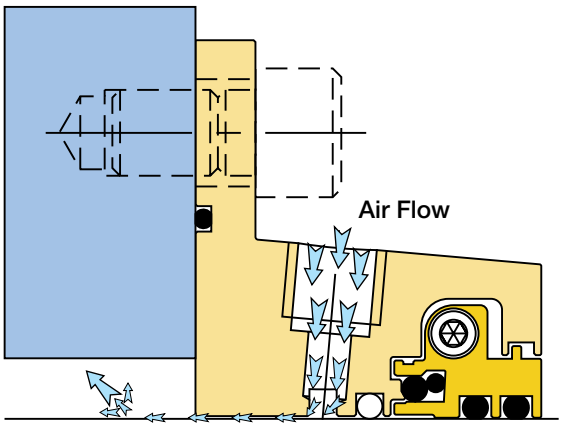
The LabTecta®66RDS is also available in several configurations including flange mounted, axial movement and internal air-purge, giving even greater flexibility for your application. For further technical information or to enquire about pricing and delivery contact the Bearing Protection Division.



LabTecta®66RDS
Flange Mounted



LabTecta®66RDS-AX
Flange Mounted

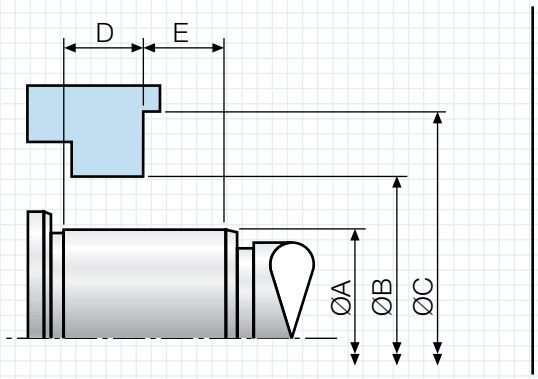


LabTecta®66RDS-IAP
Flange Mounted

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: .....

Speed: .....

Lubrication type / system: .....

Shaft horizontal or vertical: .....

Bearing type: .....

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**

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:

WARNING

- **Guard your equipment**
- **Wear protective clothing**

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