

# 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.

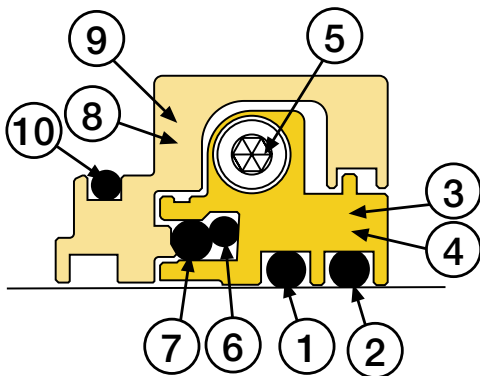
### Eliminate the cause of over 50% of bearing failures

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.



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	FKM
2	Split Rotary O Ring	FKM
3	Rotary Half	Phosphor Bronze
4	Rotary Half	Phosphor Bronze
5	Capscrew	Stainless Steel
6	Energizing O Ring	FKM
7	Shut-off Rotary O Ring	FKM
8	Stator Half	Phosphor Bronze
9	Stator Half	Phosphor Bronze
10	Body O Ring	FKM



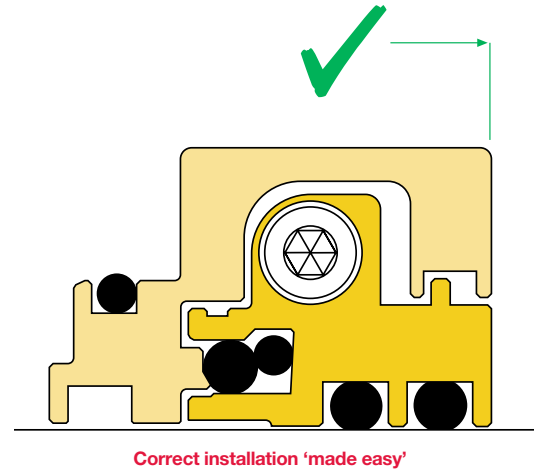
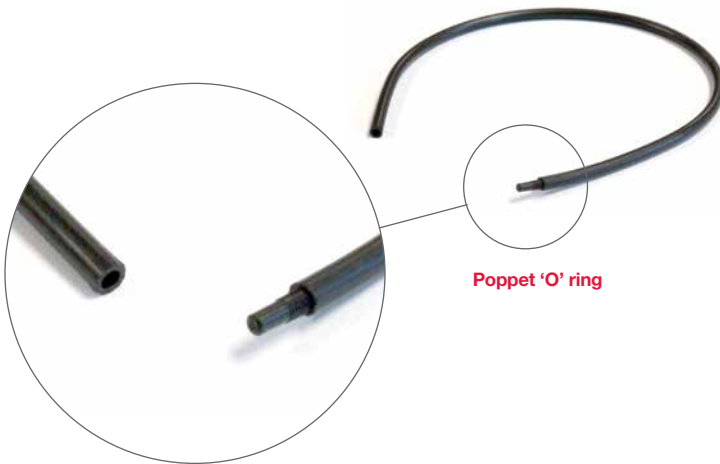
## LabTecta®66RDS — Easy Installation

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.

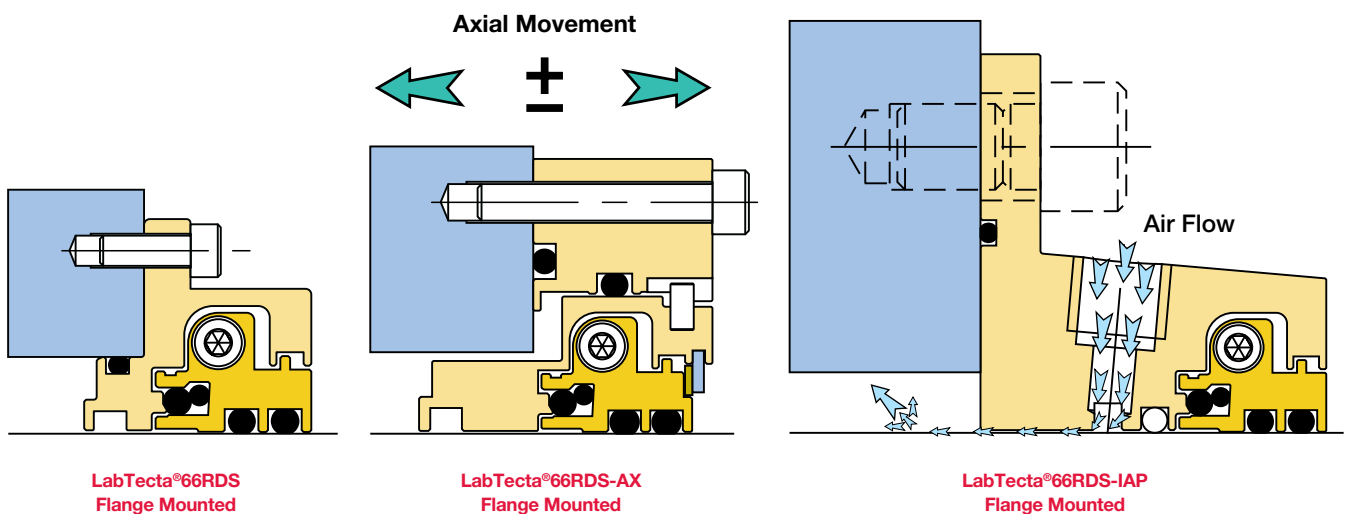
### 'No need for setting clips'

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:

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

E-mail: [sales@labtecta.com](mailto:sales@labtecta.com) to request a copy or download it from our website: [www.labtecta.com](http://www.labtecta.com)

This brochure is fully recyclable. When laminated, a sustainable, biodegradable and recyclable lamination is used.

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



Net Zero champions globally



Use double mechanical seals with hazardous products.

Always take safety precautions:

- Guard your equipment
- Wear protective clothing

### USA Sales & Technical advice:

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