

Factory-Verified Replacement

MERYDOM ROD01847-015DA15-900-000

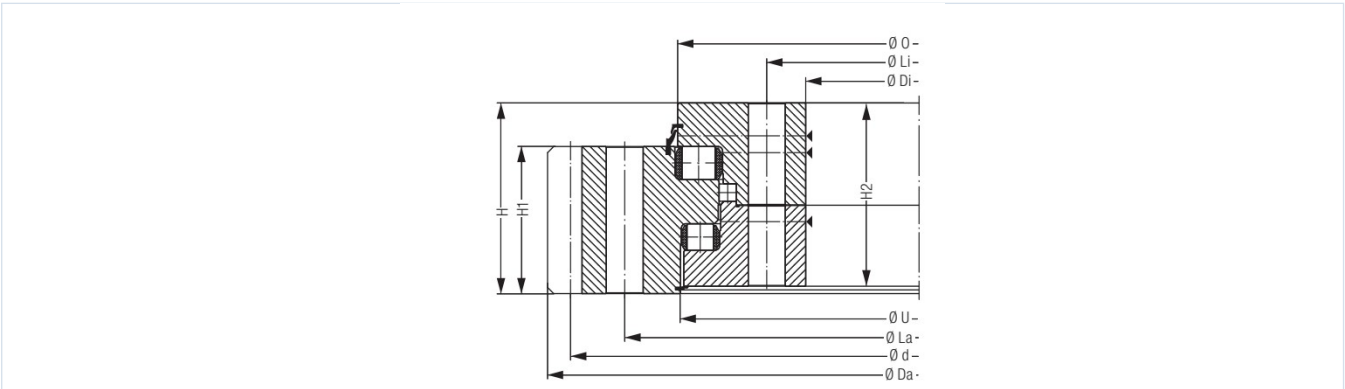
Certified for interchange with Liebherr ROD01847-015DA15-900-000. This document consolidates the public product record, complete published specifications, technical media, source traceability and engineering confirmation notes.

LEVEL 3 - MERYDOM ENGINEERING VERIFIED

Reviewed by MERYDOM Engineering Department. Final application approval must confirm loads, duty cycle, mounting rigidity, bolt capacity, lubrication and operating conditions.

MERYDOM MODEL	REFERENCE
ROD01847-015DA15-900-000	Liebherr ROD01847-015DA15-900-000
SERIES	STRUCTURE
ROD_15_DA Series	Rulli a tre file
OVERALL OD	OVERALL ID
2,050.2 mm	1,704 mm
OVERALL HEIGHT	GEAR
102 mm	Dentatura esterna

Published Technical Drawing



liebherr-page-130-drawing.webp

Complete Product Data

All values below are generated from the current public verified replacement record. Source values are retained and metric references are shown where available.

MERYDOM CERTIFIED PRODUCT	
Product brand	MERYDOM
MERYDOM model	ROD01847-015DA15-900-000
Certified interchangeable with	Liebherr ROD01847-015DA15-900-000
Verification status	Level 3 - MERYDOM Engineering Verified
Reviewed by	MERYDOM Engineering Department
Public record UID	RZMBXBMWTK5CA3TP6GK27FXF54
MATERIALS	
Configurable ring material options	42CrMo / 50Mn
Seal material	NBR - Nitrile rubber
Configurable spacer material options	Engineering nylon / Brass
IDENTIFICATION	
Reference brand	Liebherr
Reference series	ROD_15_DA Series
Reference model	ROD01847-015DA15-900-000
Bearing structure	Rulli a tre file
Gear arrangement	Dentatura esterna
DIMENSION	
Mass (Weight)	579 kg
Overall outside diameter (Da)	2.050,2 mm
Overall inside diameter (Di)	1.704 mm

Complete Product Data

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DIMENSION (CONTINUED)	
Overall height (H)	102 mm
Liebherr catalogue dimension O (O)	1.879 mm
Liebherr catalogue dimension U (U)	1.865 mm
Liebherr catalogue dimension H1 (H1)	80 mm
Liebherr catalogue dimension H2 (H2)	93 mm
MOUNTING	
Outer ring bolt circle (La)	1.955 mm
Inner ring bolt circle (Li)	1.761 mm
La/Li mounting-hole count (n)	72/73
Mounting fastener specification (M)	24
Liebherr catalogue count n1 (n1)	4
GEAR	
Gear pitch diameter (d)	2.025 mm
Gear module (m)	9 mm
Gear tooth count (z)	225
Addendum modification product x*m (x*m)	4,5 mm
Liebherr catalogue gear dimension k*m (k*m)	-0,9 mm
Gear face width (b)	75 mm
PERFORMANCE	
Standard tooth force (Fz standard)	65 kN

Complete Product Data

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PERFORMANCE (CONTINUED)	
Maximum tooth force (Fz maximum)	130 kN
Static load rating (Cstat)	16.006 kN
Dynamic load rating (Cdyn)	1.419 kN
PERFORMANCE RATINGS	
Rating Dynamic	1.419 kN Not simultaneous with other listed dynamic ratings
Rating Static	16.006 kN Not simultaneous with other listed dynamic ratings
Rating Tooth Force Max	130 kN Not simultaneous with other listed dynamic ratings
Rating Tooth Force Standard	65 kN Not simultaneous with other listed dynamic ratings
MOUNTING INTERFACES	
Outer ring mounting	72 holes - 24
Inner ring mounting	73 holes - 24
GEAR INTERFACE	
Pitch system	module
Module reference	9 mm
Number of teeth	225
SOURCE TRACEABILITY	
Source document code	LIEBHERR-SLEWING-BEARINGS-PRODUCT-CATALOGUE-2018
Source file	liebherr-slewing-bearings-product-catalogue-pt-metric-web.pdf
PDF page	130
Printed page	130

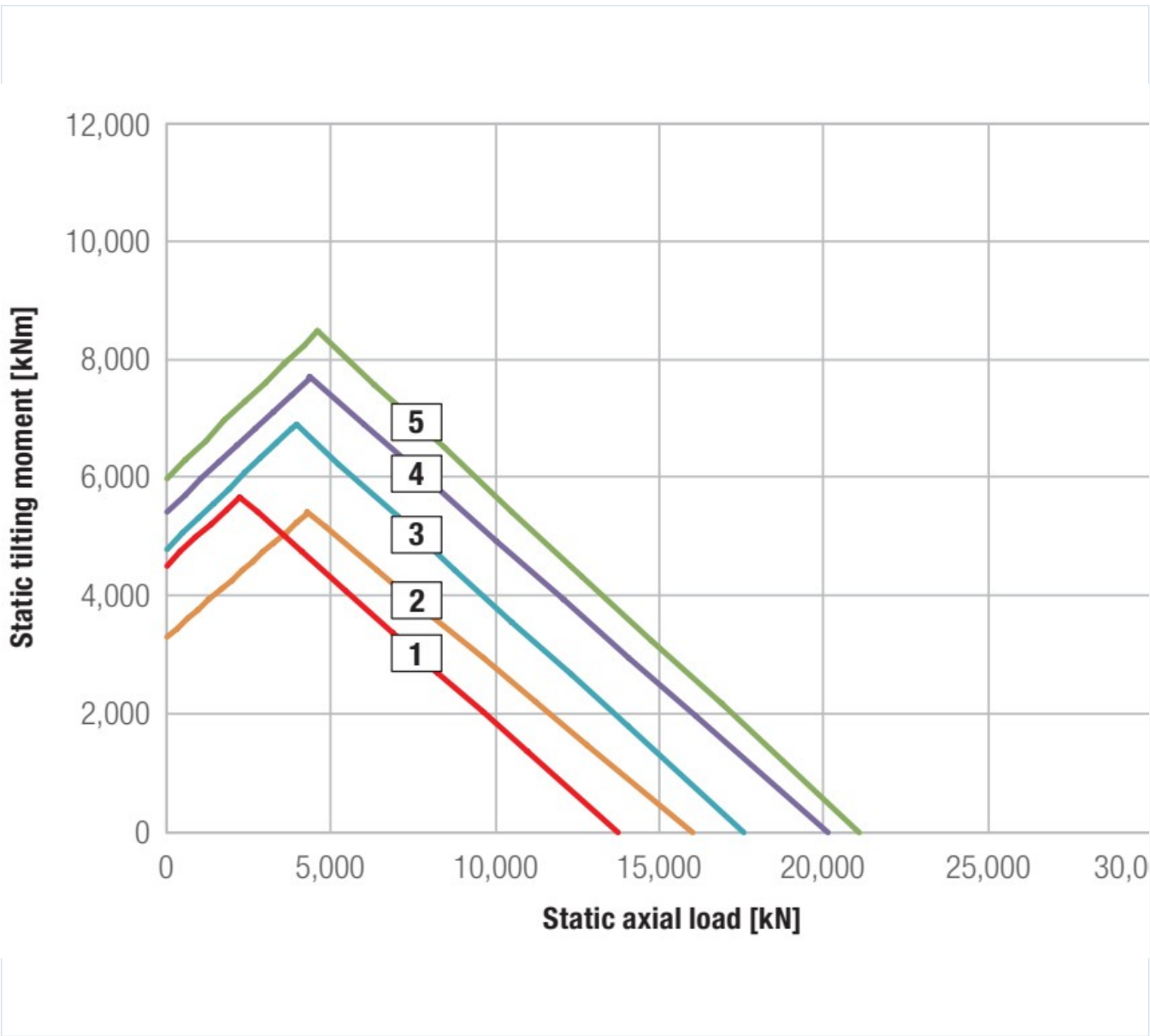
Complete Product Data

All values below are generated from the current public verified replacement record. Source values are retained and metric references are shown where available.

SOURCE TRACEABILITY (CONTINUED)	
Source language	EN
Original unit system	Mixed_metric_dp_threads
PUBLISHED TECHNICAL MEDIA	
Load Curve Chart	liebherr-page-130-curve.webp SHA-256: 113d7e815376187720d0b7c6c578171b924f2be099a58b9766aee5c1f9 ae078e
Outline Drawing	liebherr-page-130-drawing.webp SHA-256: dce2e2500a3daa3838b8ca5cdd27994184301f3b96c333e0288bb3af5f 2e59cb

Published Load / Performance Chart

Use the published chart as a preliminary selection aid only. The model legend, curve family and source document must be reviewed together with the operating load case.



liebherr-page-130-curve.webp | SHA-256: 113d7e815376187720d0b7c6c578171b924f2be099a58b9766aee5c1f9ae078e

Engineering note: final approval must also consider mounting rigidity, bolt capacity, duty cycle, lubrication, temperature, environment and installation conditions.

Source and Verification Traceability

PUBLIC RECORD UID

RZMBXBMWTK5CA3TP6GK27FXF54

SOURCE FILE

**liebherr-slewing-bearings-product-ca
talogue-pt-metric-web.pdf**

VERIFICATION

**Level 3 - MERYDOM Engineering
Verified**

SOURCE DOCUMENT

**LIEBHERR-SLEWING-BEARINGS-PRODUCT-CA
TALOGUE-2018**

SOURCE LOCATION

PDF page 130 | Printed page 130

REVIEWED BY

MERYDOM Engineering Department

Engineering Confirmation Boundary

- 1 Confirm the exact model designation and all installation-envelope dimensions.
- 2 Confirm mounting-hole quantity, bolt circle, hole specification, bolt grade and preload.
- 3 Confirm gear arrangement, pitch system, tooth count, backlash and mating-pinion data.
- 4 Confirm axial, radial and moment loads, load combinations, duty cycle and required life.
- 5 Confirm support flatness and stiffness, lubrication, sealing, temperature and environment.
- 6 Final drawing revision, manufacturing tolerances and documentation package are confirmed with the quotation.

Request Price, Delivery and Final Engineering Confirmation

Email: jovi@merydom.com | Email: andi@merydom.com | WhatsApp: +86 17705201170

Product page:
<https://rotnex.com/it/prodotti/cuscinetti-di-rotazione-sostitutivi/liebherr/rod01847-015da15-900-000/>

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