

Factory-Verified Replacement

MERYDOM ROD02025-015DA15-900-000

Certified for interchange with Liebherr ROD02025-015DA15-900-000. 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

ROD02025-015DA15-900-000

REFERENCE

Liebherr ROD02025-015DA15-900-000

SERIES

ROD_15_DA Series

STRUCTURE

Rolos de tr s carreiras

OVERALL OD

2,247 mm

OVERALL ID

1,882 mm

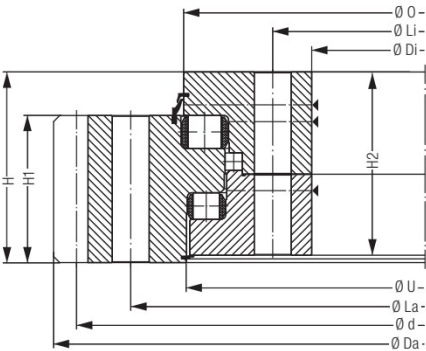
OVERALL HEIGHT

104 mm

GEAR

Engrenagem externa

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	ROD02025-015DA15-900-000
Certified interchangeable with	Liebherr ROD02025-015DA15-900-000
Verification status	Level 3 - MERYDOM Engineering Verified
Reviewed by	MERYDOM Engineering Department
Public record UID	O3AOJD6GEOQQ2GQPMMSDMSWXCR
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	ROD02025-015DA15-900-000
Bearing structure	Rolos de tr s carreiras
Gear arrangement	Engrenagem externa
DIMENSION	
Mass (Weight)	662 kg
Overall outside diameter (Da)	2.247 mm
Overall inside diameter (Di)	1.882 mm

Complete Product Data

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DIMENSION (CONTINUED)	
Overall height (H)	104 mm
Liebherr catalogue dimension O (O)	2.057 mm
Liebherr catalogue dimension U (U)	2.056 mm
Liebherr catalogue dimension H1 (H1)	82 mm
Liebherr catalogue dimension H2 (H2)	97 mm
MOUNTING	
Outer ring bolt circle (La)	2.133 mm
Inner ring bolt circle (Li)	1.939 mm
La/Li mounting-hole count (n)	96
Mounting fastener specification (M)	24
Liebherr catalogue count n1 (n1)	6
GEAR	
Gear pitch diameter (d)	2.212 mm
Gear module (m)	14 mm
Gear tooth count (z)	158
Addendum modification product x*m (x*m)	7 mm
Liebherr catalogue gear dimension k*m (k*m)	-1,4 mm
Gear face width (b)	77 mm
PERFORMANCE	
Standard tooth force (Fz standard)	104 kN

Complete Product Data

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PERFORMANCE (CONTINUED)	
Maximum tooth force (Fz maximum)	208 kN
Static load rating (Cstat)	17.560 kN
Dynamic load rating (Cdyn)	1.490 kN
PERFORMANCE RATINGS	
Rating Dynamic	1.490 kN Not simultaneous with other listed dynamic ratings
Rating Static	17.560 kN Not simultaneous with other listed dynamic ratings
Rating Tooth Force Max	208 kN Not simultaneous with other listed dynamic ratings
Rating Tooth Force Standard	104 kN Not simultaneous with other listed dynamic ratings
MOUNTING INTERFACES	
Outer ring mounting	96 holes - 24
Inner ring mounting	96 holes - 24
GEAR INTERFACE	
Pitch system	module
Module reference	14 mm
Number of teeth	158
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

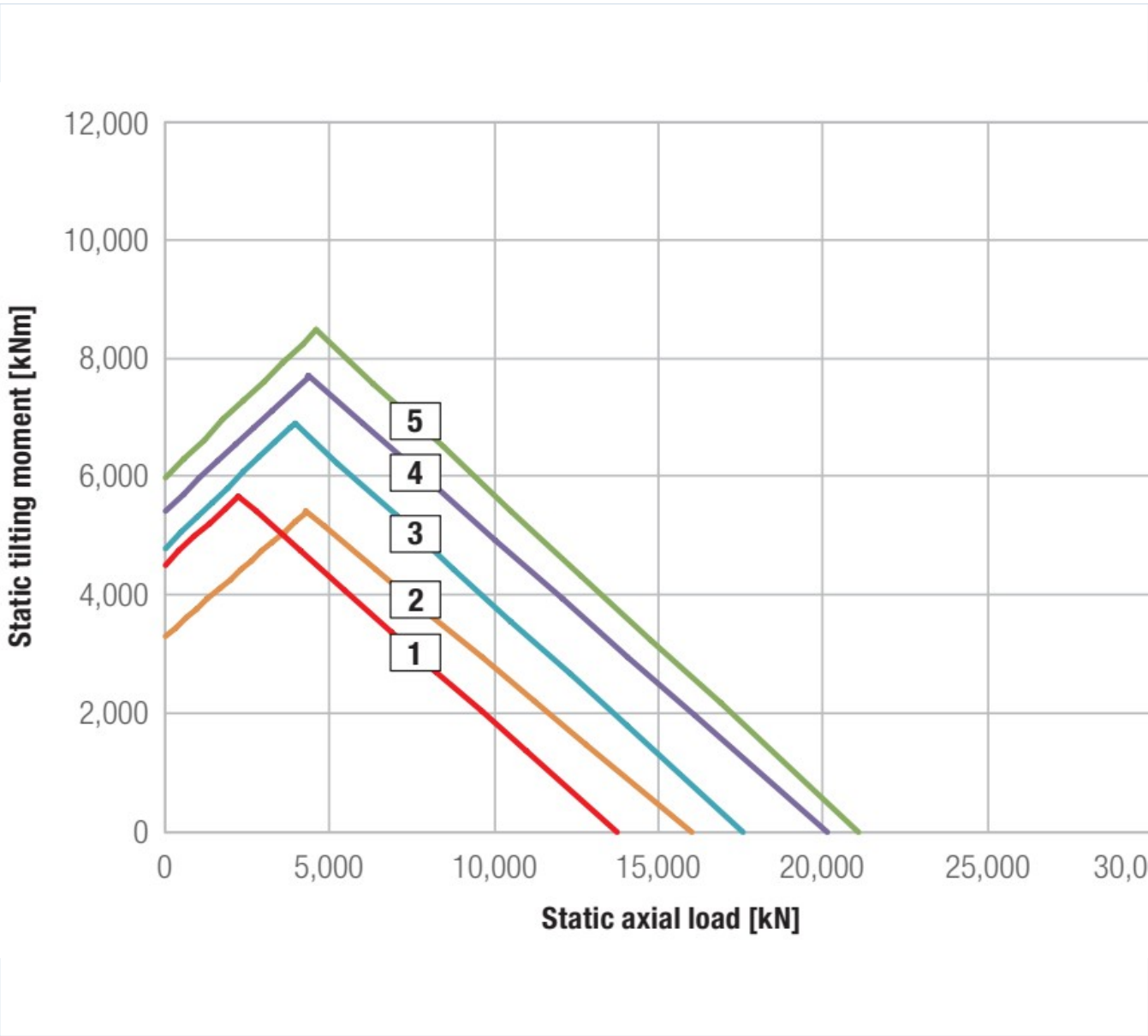
Complete Product Data

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 O3AOJD6GEOQQ2GQPMMSDMSWXCR	SOURCE DOCUMENT LIEBHERR-SLEWING-BEARINGS-PRODUCT-CA TALOGUE-2018
SOURCE FILE liebherr-slewing-bearings-product-ca talogue-pt-metric-web.pdf	SOURCE LOCATION PDF page 130 Printed page 130
VERIFICATION Level 3 - MERYDOM Engineering Verified	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

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Product page:
<https://rotnex.com/pt/produtos/rolamentos-de-giro-de-substituicao/liebherr/rod02025-015da15-900-000/>

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