

Factory-Verified Replacement

MERYDOM KUD02097-040WO15-900-000

Certified for interchange with Liebherr KUD02097-040WO15-900-000. 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

KUD02097-040WO15-900-000

REFERENCE

Liebherr KUD02097-040WO15-900-000

SERIES

KUD_40_WO Series

STRUCTURE

Esferas de contato de quatro pontos de duas carreiras

OVERALL OD

2,245 mm

OVERALL ID

1,946 mm

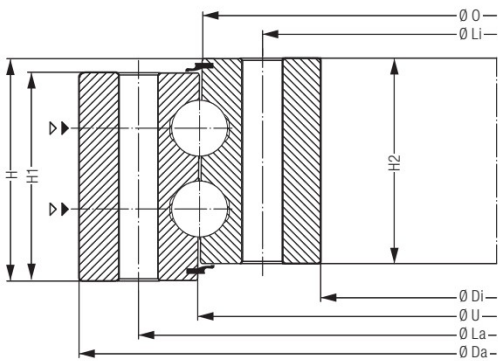
OVERALL HEIGHT

154 mm

GEAR

Sem engrenagem

Published Technical Drawing



liebherr-page-124-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	KUD02097-040WO15-900-000
Certified interchangeable with	Liebherr KUD02097-040WO15-900-000
Verification status	Level 3 - MERYDOM Engineering Verified
Reviewed by	MERYDOM Engineering Department
Public record UID	O2TZ3PX4UHB4AMM33ONXHP4C4R
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	KUD_40_WO Series
Reference model	KUD02097-040WO15-900-000
Bearing structure	Esferas de contato de quatro pontos de duas carreiras
Gear arrangement	Sem engrenagem
DIMENSION	
Mass (Weight)	976 kg
Overall outside diameter (Da)	2.245 mm
Overall inside diameter (Di)	1.946 mm

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.

DIMENSION (CONTINUED)	
Overall height (H)	154 mm
Liebherr catalogue dimension O (O)	2.095 mm
Liebherr catalogue dimension U (U)	2.099 mm
Liebherr catalogue dimension H1 (H1)	142 mm
Liebherr catalogue dimension H2 (H2)	142 mm
MOUNTING	
Outer ring bolt circle (La)	2.185 mm
Inner ring bolt circle (Li)	2.006 mm
La/Li mounting-hole count (n)	60
Mounting fastener specification (M)	27
Liebherr catalogue count n1 (n1)	8
PERFORMANCE	
Static load rating (Cstat)	24.444 kN
Dynamic load rating (Cdyn)	1.602 kN
PERFORMANCE RATINGS	
Rating Dynamic	1.602 kN Not simultaneous with other listed dynamic ratings
Rating Static	24.444 kN Not simultaneous with other listed dynamic ratings
MOUNTING INTERFACES	
Outer ring mounting	60 holes - 27
Inner ring mounting	60 holes - 27

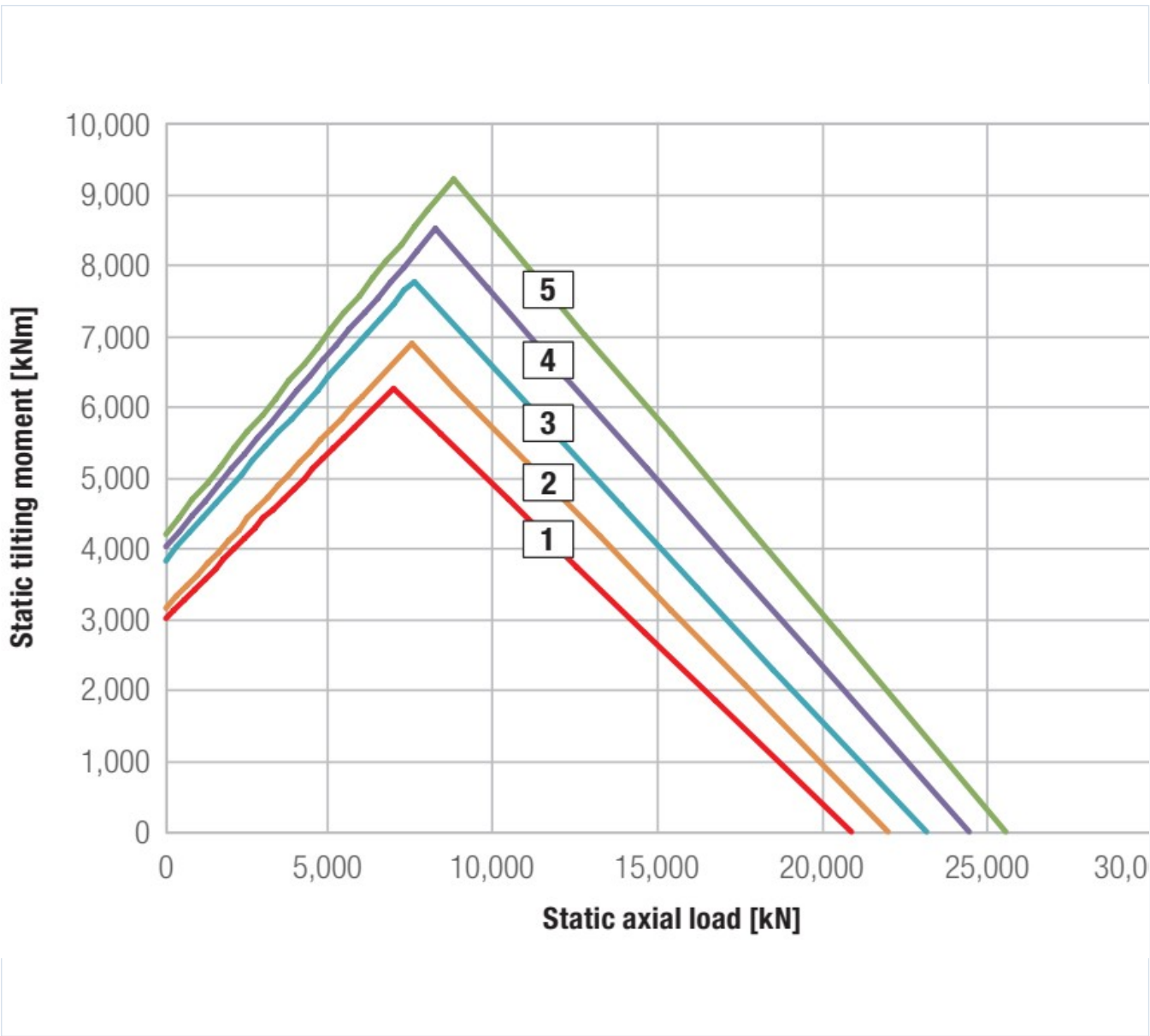
Complete Product Data

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

GEAR INTERFACE	
Integral gear	Not applicable - ungeared bearing
SOURCE TRACEABILITY	
Source document code	LIEBHERR-SLEWING-BEARINGS-PRODUCT-CATALOGUE-2018
Source file	liebherr-slewing-bearings-product-catalogue-pt-metric-web.pdf
PDF page	124
Printed page	124
Source language	EN
Original unit system	Mixed_metric_dp_threads
PUBLISHED TECHNICAL MEDIA	
Load Curve Chart	liebherr-page-124-curve.webp SHA-256: 7c4ad32795ac59039e1ab74ca95f6e61fc0b40448342214a938744407e877de7
Outline Drawing	liebherr-page-124-drawing.webp SHA-256: c03e8056afa84595b6672a8400b4a646e3eb42370e3d6b347e098453710b8bf7

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-124-curve.webp | SHA-256: 7c4ad32795ac59039e1ab74ca95f6e61fc0b40448342214a938744407e877de7

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 O2TZ3PX4UHB4AMM33ONXHP4C4R	SOURCE DOCUMENT LIEBHERR-SLEWING-BEARINGS-PRODUCT-CATALOGUE-2018
SOURCE FILE liebherr-slewing-bearings-product-catalogue-pt-metric-web.pdf	SOURCE LOCATION PDF page 124 Printed page 124
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/kud02097-040wo15-900-000/>

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