

Factory-Verified Replacement

MERYDOM KUD02247-045WO15-900-000

Certified for interchange with Liebherr KUD02247-045WO15-900-000. 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

KUD02247-045WO15-900-000

REFERENCE

Liebherr KUD02247-045WO15-900-000

SERIES

KUD_45_WO Series

STRUCTURE

Double-row four-point contact ball

OVERALL OD

2,411 mm

OVERALL ID

2,080 mm

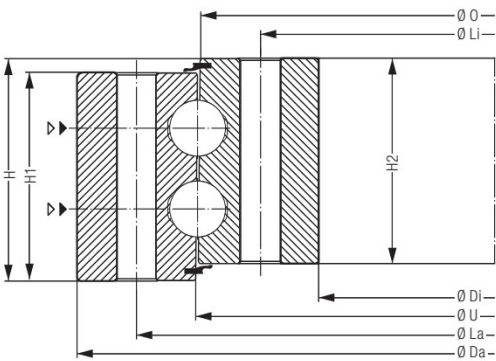
OVERALL HEIGHT

170 mm

GEAR

Ungeared

Published Technical Drawing



liebherr-page-125-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	KUD02247-045WO15-900-000
Certified interchangeable with	Liebherr KUD02247-045WO15-900-000
Verification status	Level 3 - MERYDOM Engineering Verified
Reviewed by	MERYDOM Engineering Department
Public record UID	P7NZYXT4LLDFLB13ROQPYPYRHKKY
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_45_WO Series
Reference model	KUD02247-045WO15-900-000
Bearing structure	Double-row four-point contact ball
Gear arrangement	Ungeared
DIMENSION	
Mass (Weight)	1,277 kg
Overall outside diameter (Da)	2,411 mm
Overall inside diameter (Di)	2,080 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)	170 mm
Liebherr catalogue dimension O (O)	2,245 mm
Liebherr catalogue dimension U (U)	2,249 mm
Liebherr catalogue dimension H1 (H1)	158 mm
Liebherr catalogue dimension H2 (H2)	158 mm
MOUNTING	
Outer ring bolt circle (La)	2,345 mm
Inner ring bolt circle (Li)	2,146 mm
La/Li mounting-hole count (n)	64
Mounting fastener specification (M)	30
Liebherr catalogue count n1 (n1)	9
PERFORMANCE	
Static load rating (Cstat)	29,298 kN
Dynamic load rating (Cdyn)	1,849 kN
PERFORMANCE RATINGS	
Rating Dynamic	1,849 kN Not simultaneous with other listed dynamic ratings
Rating Static	29,298 kN Not simultaneous with other listed dynamic ratings
MOUNTING INTERFACES	
Outer ring mounting	64 holes - 30
Inner ring mounting	64 holes - 30

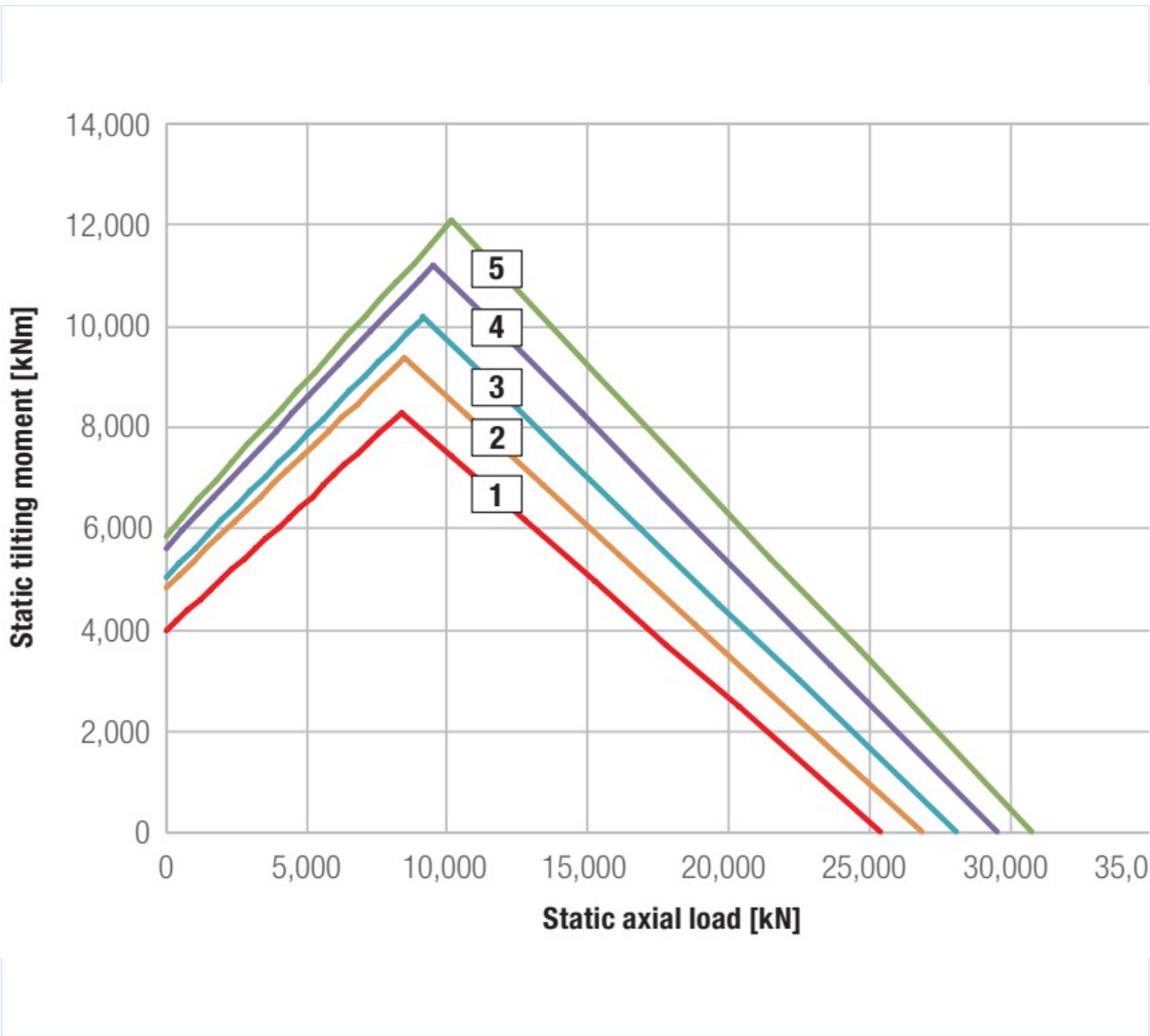
Complete Product Data

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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	125
Printed page	125
Source language	EN
Original unit system	Mixed_metric_dp_threads
PUBLISHED TECHNICAL MEDIA	
Load Curve Chart	liebherr-page-125-curve.webp SHA-256: 9c718fc1d2ff22da364fd5fc0e2d87936c64a673da6496ec900d199aa1a705f0
Outline Drawing	liebherr-page-125-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-125-curve.webp | SHA-256: 9c718fc1d2ff22da364fd5fc0e2d87936c64a673da6496ec900d199aa1a705f0

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

P7NZYXT4LLDFLBI3ROQPYRHKKY

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 125 | Printed page 125

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/products/slewing-bearing-replacements/liebherr/kud02247-045wo15-900-000/>

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