

Factory-Verified Replacement

MERYDOM KUD02497-050WO15-900-000

Certified for interchange with Liebherr KUD02497-050WO15-900-000. 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

KUD02497-050WO15-900-000

REFERENCE

Liebherr KUD02497-050WO15-900-000

SERIES

KUD_50_WO Series

STRUCTURE

Double-row four-point contact ball

OVERALL OD

2,676 mm

OVERALL ID

2,315 mm

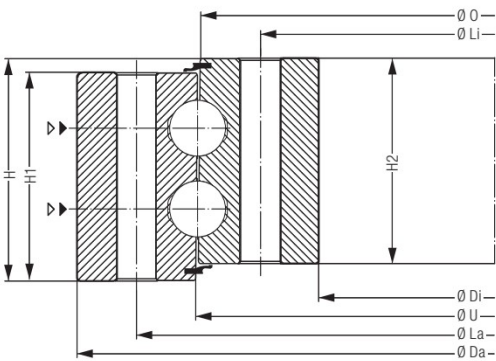
OVERALL HEIGHT

184 mm

GEAR

Ungeared

Published Technical Drawing



liebherr-page-126-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	KUD02497-050WO15-900-000
Certified interchangeable with	Liebherr KUD02497-050WO15-900-000
Verification status	Level 3 - MERYDOM Engineering Verified
Reviewed by	MERYDOM Engineering Department
Public record UID	HN7EZH076NGZWWRVCQKR6ZXMDZ
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_50_WO Series
Reference model	KUD02497-050WO15-900-000
Bearing structure	Double-row four-point contact ball
Gear arrangement	Ungeared
DIMENSION	
Mass (Weight)	1,676 kg
Overall outside diameter (Da)	2,676 mm
Overall inside diameter (Di)	2,315 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)	184 mm
Liebherr catalogue dimension O (O)	2,495 mm
Liebherr catalogue dimension U (U)	2,499 mm
Liebherr catalogue dimension H1 (H1)	172 mm
Liebherr catalogue dimension H2 (H2)	172 mm
MOUNTING	
Outer ring bolt circle (La)	2,604 mm
Inner ring bolt circle (Li)	2,387 mm
La/Li mounting-hole count (n)	68
Mounting fastener specification (M)	33
Liebherr catalogue count n1 (n1)	10
PERFORMANCE	
Static load rating (Cstat)	36,171 kN
Dynamic load rating (Cdyn)	2,142 kN
PERFORMANCE RATINGS	
Rating Dynamic	2,142 kN Not simultaneous with other listed dynamic ratings
Rating Static	36,171 kN Not simultaneous with other listed dynamic ratings
MOUNTING INTERFACES	
Outer ring mounting	68 holes - 33
Inner ring mounting	68 holes - 33

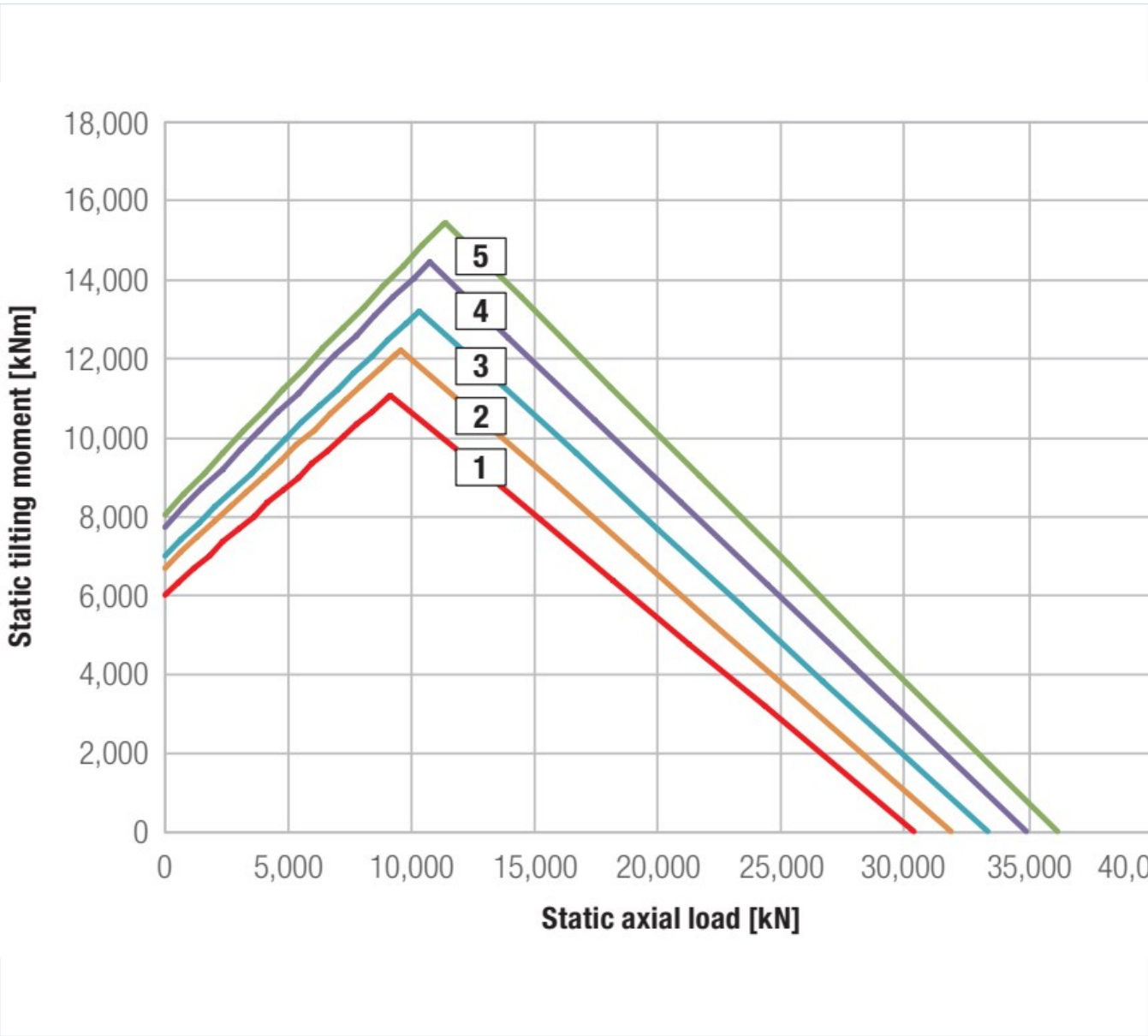
Complete Product Data

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	126
Printed page	126
Source language	EN
Original unit system	Mixed_metric_dp_threads
PUBLISHED TECHNICAL MEDIA	
Load Curve Chart	liebherr-page-126-curve.webp SHA-256: 25fce408ef4cf0c114dfb34cd6a8685529fc657708e8f614387ae933984f8e32
Outline Drawing	liebherr-page-126-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-126-curve.webp | SHA-256: 25fce408ef4cf0c114dfb34cd6a8685529fc657708e8f614387ae933984f8e32

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 HN7EZHO76NGZWWRVCQKR6ZXMDZ	SOURCE DOCUMENT LIEBHERR-SLEWING-BEARINGS-PRODUCT-CATALOGUE-2018
SOURCE FILE liebherr-slewing-bearings-product-catalogue-pt-metric-web.pdf	SOURCE LOCATION PDF page 126 Printed page 126
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/products/slewing-bearing-replacements/liebherr/kud02497-050wo15-900-000/>

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