

Factory-Verified Replacement

MERYDOM KUD02300-050VO15-900-000

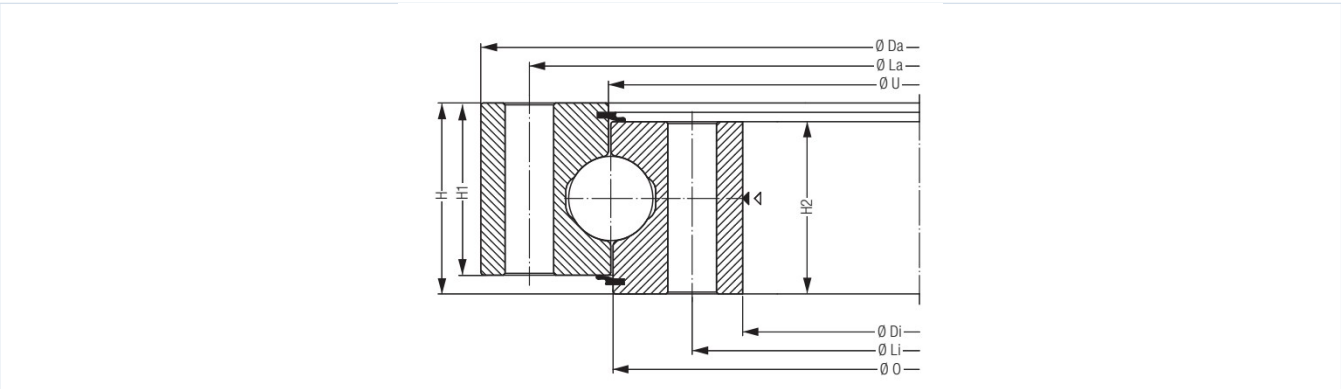
Certified for interchange with Liebherr KUD02300-050VO15-900-000. This document consolidates the public product record, complete published specifications, technical media, source traceability and engineering confirmation notes.

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
KUD02300-050VO15-900-000	Liebherr KUD02300-050VO15-900-000
SERIES	STRUCTURE
KUD_50_VO Series	D rt nokta temasl bilyal
OVERALL OD	OVERALL ID
2,476 mm	2,124 mm
OVERALL HEIGHT	GEAR
124 mm	Di lisiz

Published Technical Drawing



liebherr-page-098-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	KUD02300-050VO15-900-000
Certified interchangeable with	Liebherr KUD02300-050VO15-900-000
Verification status	Level 3 - MERYDOM Engineering Verified
Reviewed by	MERYDOM Engineering Department
Public record UID	NEP4RFN67Y5ZQDOQITKM62TOQB
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_VO Series
Reference model	KUD02300-050VO15-900-000
Bearing structure	D rt nokta temasl bilyal
Gear arrangement	Di lisiz
DIMENSION	
Mass (Weight)	960 kg
Overall outside diameter (Da)	2 476 mm
Overall inside diameter (Di)	2 124 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)	124 mm
Liebherr catalogue dimension O (O)	2 300 mm
Liebherr catalogue dimension U (U)	2 300 mm
Liebherr catalogue dimension H1 (H1)	112 mm
Liebherr catalogue dimension H2 (H2)	112 mm
MOUNTING	
Outer ring bolt circle (La)	2 404 mm
Inner ring bolt circle (Li)	2 196 mm
La/Li mounting-hole count (n)	64
Mounting fastener specification (M)	33
Liebherr catalogue count n1 (n1)	8
PERFORMANCE	
Static load rating (Cstat)	16 695 kN
Dynamic load rating (Cdyn)	1 281 kN
PERFORMANCE RATINGS	
Rating Dynamic	1 281 kN Not simultaneous with other listed dynamic ratings
Rating Static	16 695 kN Not simultaneous with other listed dynamic ratings
MOUNTING INTERFACES	
Outer ring mounting	64 holes - 33
Inner ring mounting	64 holes - 33

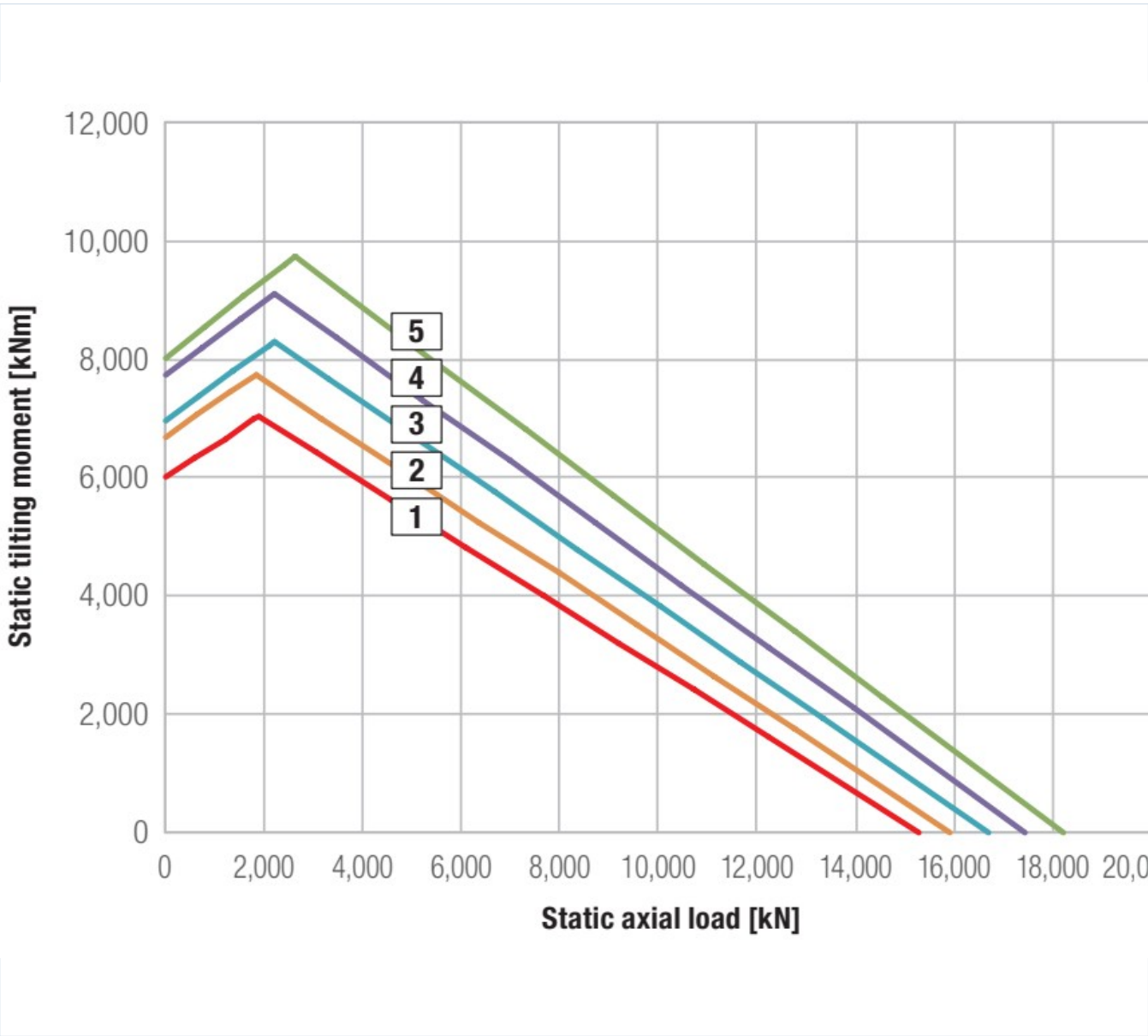
Complete Product Data

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	98
Printed page	98
Source language	EN
Original unit system	Mixed_metric_dp_threads
PUBLISHED TECHNICAL MEDIA	
Load Curve Chart	liebherr-page-098-curve.webp SHA-256: 221d402c379e2e4fa47aab0caa7142508e25c57b262358c1e607d8abcc724ebe
Outline Drawing	liebherr-page-098-drawing.webp SHA-256: 25da85435c5b8f27bd6eaf320c6127ebc7c47c3a0deedc848b18ceaca59a4215

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-098-curve.webp | SHA-256: 221d402c379e2e4fa47aab0caa7142508e25c57b262358c1e607d8abcc724ebe

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 NEP4RFN67Y5ZQDOQITKM62TOQB	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 98 Printed page 98
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/tr/urunler/muadil-doner-tabla-rulmanlari/liebherr/kud02300-050vo15-900-000/>

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