

Factory-Verified Replacement

MERYDOM KUD02250-045VO15-900-000

Certified for interchange with Liebherr KUD02250-045VO15-900-000. 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

KUD02250-045VO15-900-000

REFERENCE

Liebherr KUD02250-045VO15-900-000

SERIES

KUD_45_VO Series

STRUCTURE

Four-point contact ball

OVERALL OD

2,411 mm

OVERALL ID

2,089 mm

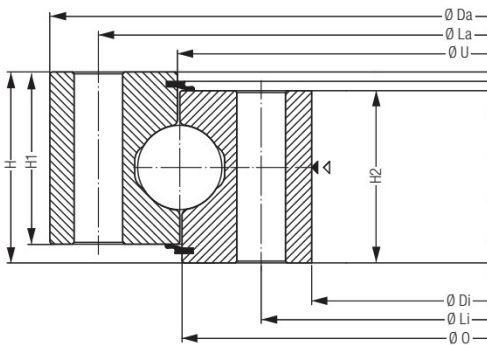
OVERALL HEIGHT

114 mm

GEAR

Ungeared

Published Technical Drawing



liebherr-page-097-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	KUD02250-045VO15-900-000
Certified interchangeable with	Liebherr KUD02250-045VO15-900-000
Verification status	Level 3 - MERYDOM Engineering Verified
Reviewed by	MERYDOM Engineering Department
Public record UID	TBXRUIE6LKETJM6FPUKLCTCRRO
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_VO Series
Reference model	KUD02250-045VO15-900-000
Bearing structure	Four-point contact ball
Gear arrangement	Ungeared
DIMENSION	
Mass (Weight)	788 kg
Overall outside diameter (Da)	2,411 mm
Overall inside diameter (Di)	2,089 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)	114 mm
Liebherr catalogue dimension O (O)	2,250 mm
Liebherr catalogue dimension U (U)	2,250 mm
Liebherr catalogue dimension H1 (H1)	102 mm
Liebherr catalogue dimension H2 (H2)	102 mm
MOUNTING	
Outer ring bolt circle (La)	2,345 mm
Inner ring bolt circle (Li)	2,155 mm
La/Li mounting-hole count (n)	64
Mounting fastener specification (M)	30
Liebherr catalogue count n1 (n1)	9
PERFORMANCE	
Static load rating (Cstat)	14,752 kN
Dynamic load rating (Cdyn)	1,143 kN
PERFORMANCE RATINGS	
Rating Dynamic	1,143 kN Not simultaneous with other listed dynamic ratings
Rating Static	14,752 kN Not simultaneous with other listed dynamic ratings
MOUNTING INTERFACES	
Outer ring mounting	64 holes - 30
Inner ring mounting	64 holes - 30

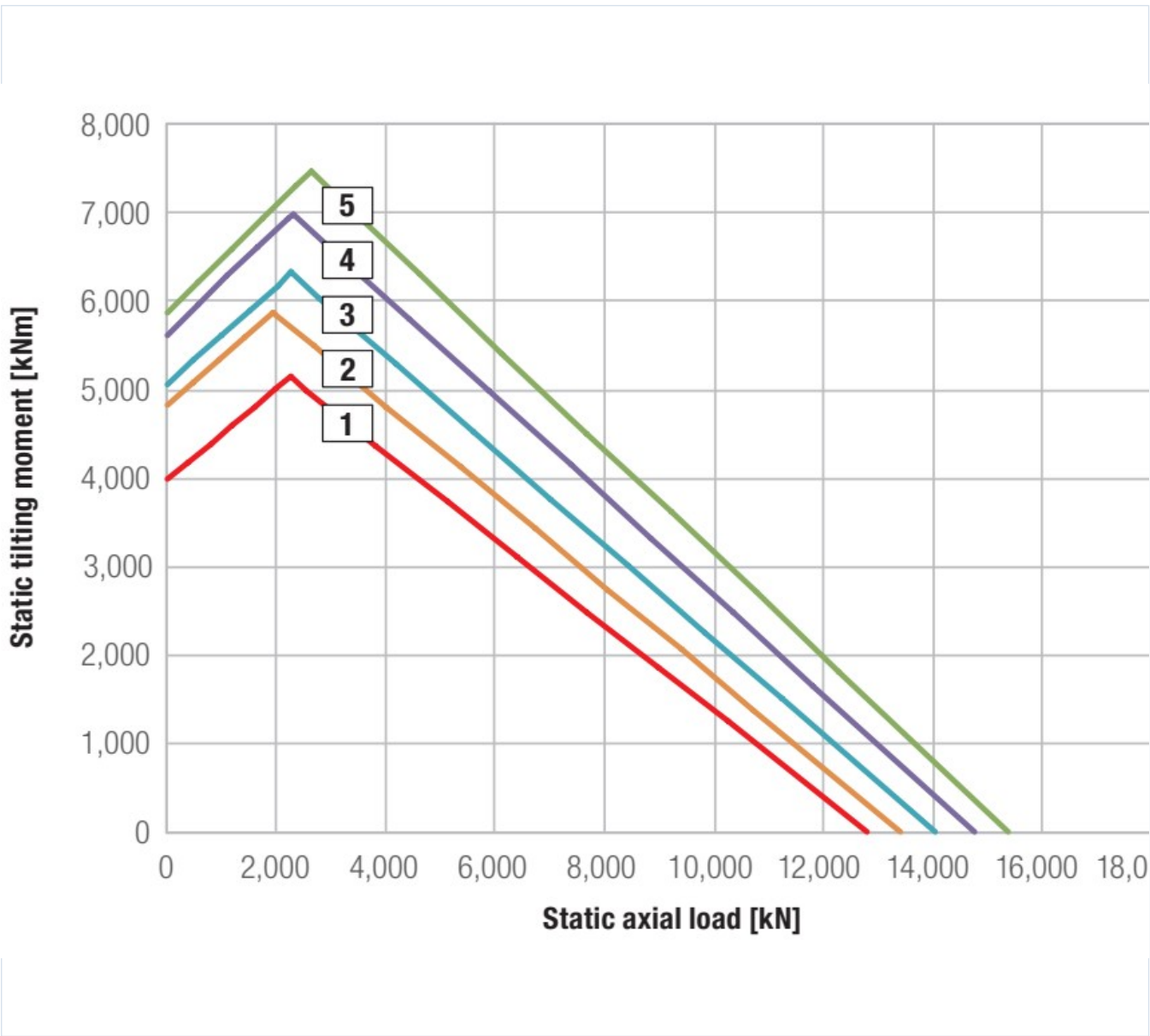
Complete Product Data

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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	97
Printed page	97
Source language	EN
Original unit system	Mixed_metric_dp_threads
PUBLISHED TECHNICAL MEDIA	
Load Curve Chart	liebherr-page-097-curve.webp SHA-256: b502655401e428c2523397170f1287b6ba7d00cb04cf9ead2e2ef8e33d6d02b2
Outline Drawing	liebherr-page-097-drawing.webp SHA-256: 8598379e2adbb8ce861a07ea9a3d1c2737bc0382d3efbe73b26a4cbddee172d

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-097-curve.webp | SHA-256: b502655401e428c2523397170f1287b6ba7d00cb04cf9ead2e2ef8e33d6d02b2

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 TBXRUIE6LKETJM6FPUKLCTCRRO	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 97 Printed page 97
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/kud02250-045vo15-900-000/>

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