

Factory-Verified Replacement

MERYDOM KUD01524-025VO15-900-000

Certified for interchange with Liebherr KUD01524-025VO15-900-000. 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

KUD01524-025VO15-900-000

REFERENCE

Liebherr KUD01524-025VO15-900-000

SERIES

KUD_25_VO Series

STRUCTURE

Four-point contact ball

OVERALL OD

1,676.4 mm

OVERALL ID

1,371.6 mm

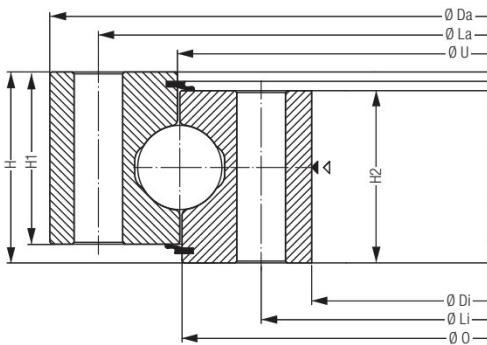
OVERALL HEIGHT

88.9 mm

GEAR

Ungeared

Published Technical Drawing



liebherr-page-093-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	KUD01524-025VO15-900-000
Certified interchangeable with	Liebherr KUD01524-025VO15-900-000
Verification status	Level 3 - MERYDOM Engineering Verified
Reviewed by	MERYDOM Engineering Department
Public record UID	SMYYF4OEH6JWAILFSIVVXS3M62
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_25_VO Series
Reference model	KUD01524-025VO15-900-000
Bearing structure	Four-point contact ball
Gear arrangement	Ungeared
DIMENSION	
Mass (Weight)	393.2 kg
Overall outside diameter (Da)	1,676.4 mm
Overall inside diameter (Di)	1,371.6 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)	88.9 mm
Liebherr catalogue dimension O (O)	1,524 mm
Liebherr catalogue dimension U (U)	1,524 mm
Liebherr catalogue dimension H1 (H1)	76.2 mm
Liebherr catalogue dimension H2 (H2)	76.2 mm
MOUNTING	
Outer ring bolt circle (La)	1,606.55 mm
Inner ring bolt circle (Li)	1,441.45 mm
La/Li mounting-hole count (n)	44/48
Mounting fastener specification (M)	3/4 - 10 UNC
Liebherr catalogue count n1 (n1)	6
PERFORMANCE	
Static load rating (Cstat)	5,533 kN
Dynamic load rating (Cdyn)	535 kN
PERFORMANCE RATINGS	
Rating Dynamic	535 kN Not simultaneous with other listed dynamic ratings
Rating Static	5,533 kN Not simultaneous with other listed dynamic ratings
MOUNTING INTERFACES	
Outer ring mounting	44 holes - 3/4 - 10 UNC
Inner ring mounting	48 holes - 3/4 - 10 UNC

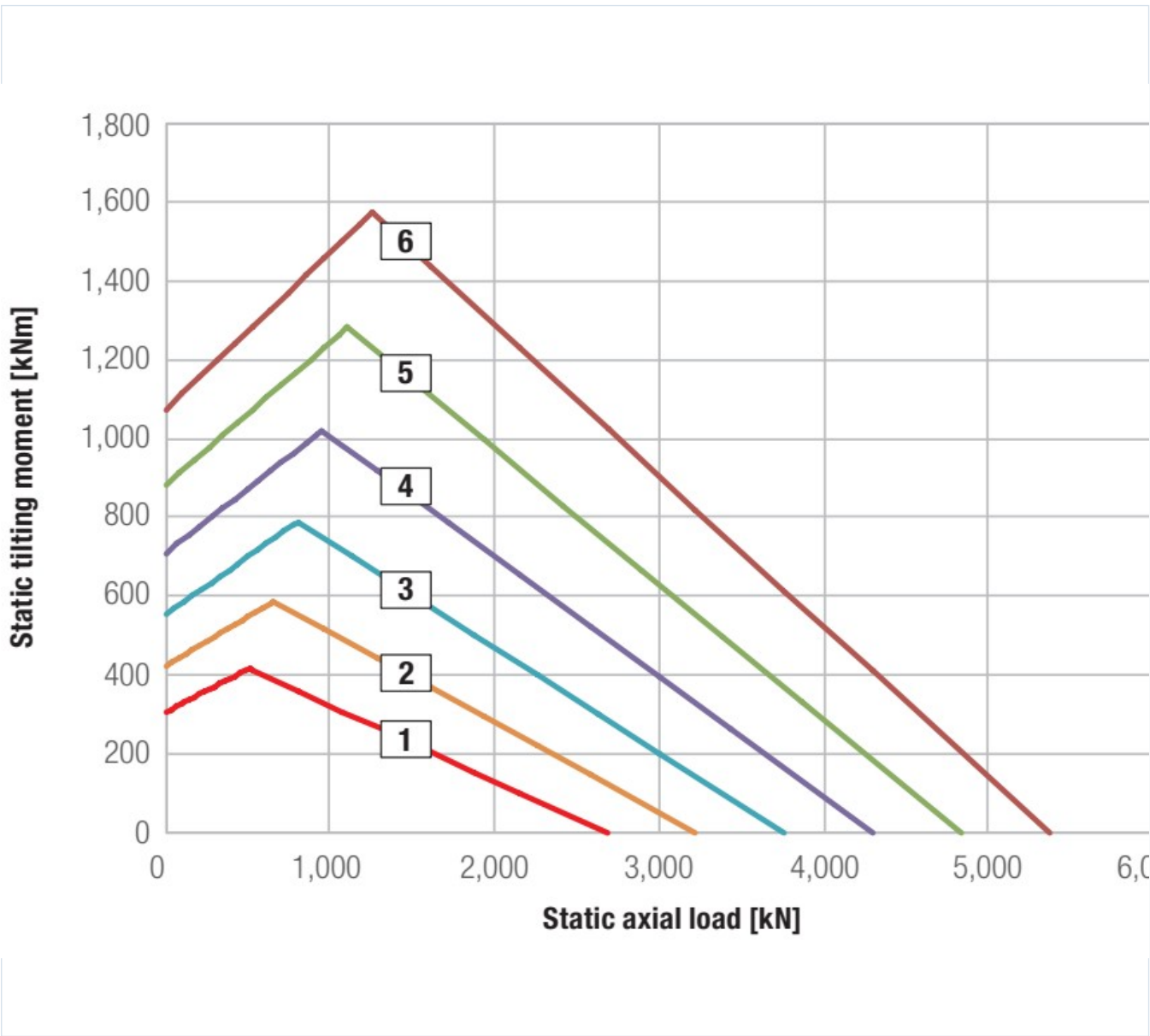
Complete Product Data

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	93
Printed page	93
Source language	EN
Original unit system	Mixed_metric_dp_threads
PUBLISHED TECHNICAL MEDIA	
Load Curve Chart	liebherr-page-093-curve.webp SHA-256: 7c1ee0151e374e2ed660f856e19dd31a9280959e87ae65327284463faf55c57a
Outline Drawing	liebherr-page-093-drawing.webp SHA-256: 7f7ea0d99116baf37cfd4161e6dcdd78c9fcab0f05ed130d81314d7c4ade8ea8

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-093-curve.webp | SHA-256: 7c1ee0151e374e2ed660f856e19dd31a9280959e87ae65327284463faf55c57a

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 SMYYF4OEH6JWAILFSIVVXS3M62	SOURCE DOCUMENT LIEBHERR-SLEWING-BEARINGS-PRODUCT-CATALOGUE-2018
SOURCE FILE liebherr-slewing-bearings-product-catalogue-pt-metric-web.pdf	SOURCE LOCATION PDF page 93 Printed page 93
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/kud01524-025vo15-900-000/>

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