

Factory-Verified Replacement

MERYDOM KUD01455-025VO15-900-000

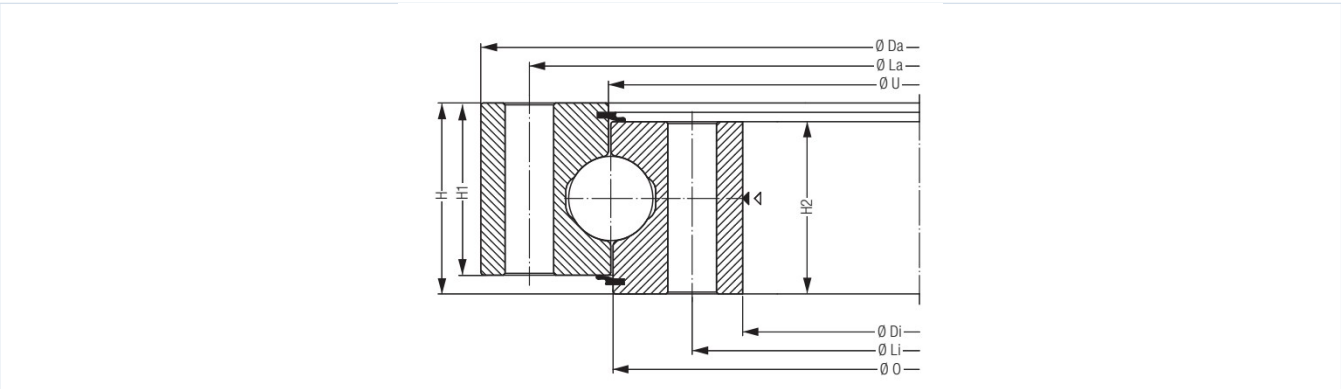
Certified for interchange with Liebherr KUD01455-025VO15-900-000. This document consolidates the public product record, complete published specifications, technical media, source traceability and engineering confirmation notes.

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	REFERENCE
KUD01455-025VO15-900-000	Liebherr KUD01455-025VO15-900-000
SERIES	STRUCTURE
KUD_25_VO Series	Sfere a quattro punti di contatto
OVERALL OD	OVERALL ID
1,555 mm	1,355 mm
OVERALL HEIGHT	GEAR
63 mm	Senza dentatura

Published Technical Drawing



liebherr-page-092-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	KUD01455-025VO15-900-000
Certified interchangeable with	Liebherr KUD01455-025VO15-900-000
Verification status	Level 3 - MERYDOM Engineering Verified
Reviewed by	MERYDOM Engineering Department
Public record UID	OIYX7CMWVN63G76B7MQQDZQZQ6
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	KUD01455-025VO15-900-000
Bearing structure	Sfere a quattro punti di contatto
Gear arrangement	Senza dentatura
DIMENSION	
Mass (Weight)	171 kg
Overall outside diameter (Da)	1.555 mm
Overall inside diameter (Di)	1.355 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)	63 mm
Liebherr catalogue dimension O (O)	1.455 mm
Liebherr catalogue dimension U (U)	1.455 mm
Liebherr catalogue dimension H1 (H1)	54 mm
Liebherr catalogue dimension H2 (H2)	54 mm
MOUNTING	
Outer ring bolt circle (La)	1.515 mm
Inner ring bolt circle (Li)	1.395 mm
La/Li mounting-hole count (n)	48
Mounting fastener specification (M)	20
Liebherr catalogue count n1 (n1)	6
PERFORMANCE	
Static load rating (Cstat)	5.154 kN
Dynamic load rating (Cdyn)	518 kN
PERFORMANCE RATINGS	
Rating Dynamic	518 kN Not simultaneous with other listed dynamic ratings
Rating Static	5.154 kN Not simultaneous with other listed dynamic ratings
MOUNTING INTERFACES	
Outer ring mounting	48 holes - 20
Inner ring mounting	48 holes - 20

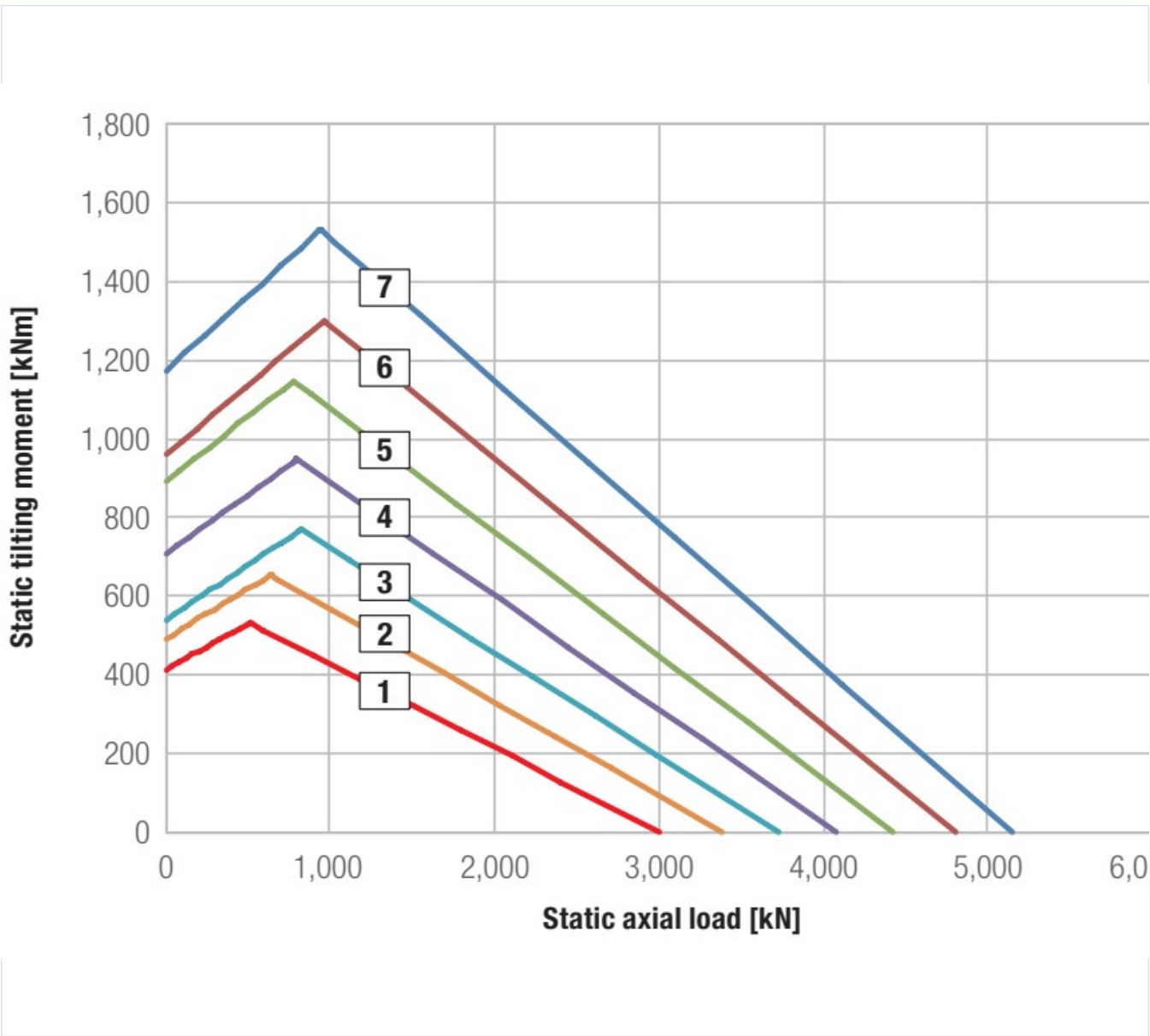
Complete Product Data

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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	92
Printed page	92
Source language	EN
Original unit system	Mixed_metric_dp_threads
PUBLISHED TECHNICAL MEDIA	
Load Curve Chart	liebherr-page-092-curve.webp SHA-256: e5fb7e79fc834c115322ef38336e68903c29c10084af546e61c8662d02a61bb4
Outline Drawing	liebherr-page-092-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-092-curve.webp | SHA-256: e5fb7e79fc834c115322ef38336e68903c29c10084af546e61c8662d02a61bb4

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 OIYX7CMWVN63G76B7MQQDZQZQ6	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 92 Printed page 92
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/it/prodotti/cuscinetti-di-rotazione-sostitutivi/liebherr/kud01455-025vo15-900-000/>

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