

Factory-Verified Replacement

MERYDOM KUD01950-035VJ15-900-000

Certified for interchange with Liebherr KUD01950-035VJ15-900-000. 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

KUD01950-035VJ15-900-000

REFERENCE

Liebherr KUD01950-035VJ15-900-000

SERIES

KUD_35_VJ Series

STRUCTURE

Four-point contact ball

OVERALL OD

2,077 mm

OVERALL ID

1,766.4 mm

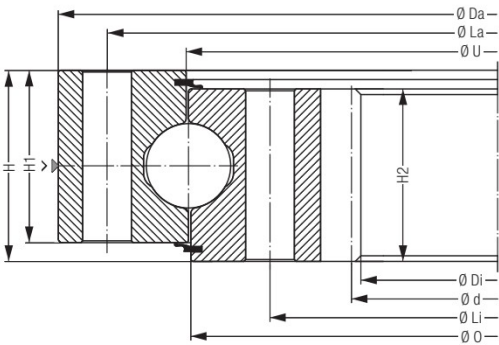
OVERALL HEIGHT

94 mm

GEAR

Internal gear

Published Technical Drawing



liebherr-page-087-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	KUD01950-035VJ15-900-000
Certified interchangeable with	Liebherr KUD01950-035VJ15-900-000
Verification status	Level 3 - MERYDOM Engineering Verified
Reviewed by	MERYDOM Engineering Department
Public record UID	BDDLA3XV2CS5TJ55AEMKPCRE4B
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_35_VJ Series
Reference model	KUD01950-035VJ15-900-000
Bearing structure	Four-point contact ball
Gear arrangement	Internal gear
DIMENSION	
Mass (Weight)	504 kg
Overall outside diameter (Da)	2,077 mm
Overall inside diameter (Di)	1,766.4 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)	94 mm
Liebherr catalogue dimension O (O)	1,950 mm
Liebherr catalogue dimension U (U)	1,950 mm
Liebherr catalogue dimension H1 (H1)	82 mm
Liebherr catalogue dimension H2 (H2)	82 mm
MOUNTING	
Outer ring bolt circle (La)	2,025 mm
Inner ring bolt circle (Li)	1,875 mm
La/Li mounting-hole count (n)	60
Mounting fastener specification (M)	24
Liebherr catalogue count n1 (n1)	8
GEAR	
Gear pitch diameter (d)	1,776 mm
Gear module (m)	12 mm
Gear tooth count (z)	148
Addendum modification product x^*m (x^*m)	-6 mm
Liebherr catalogue gear dimension k^*m (k^*m)	-1.2 mm
Gear face width (b)	82 mm
PERFORMANCE	
Standard tooth force (Fz standard)	90.32 kN

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.

PERFORMANCE (CONTINUED)	
Maximum tooth force (Fz maximum)	180.64 kN
Static load rating (Cstat)	9,915 kN
Dynamic load rating (Cdyn)	835 kN
PERFORMANCE RATINGS	
Rating Dynamic	835 kN Not simultaneous with other listed dynamic ratings
Rating Static	9,915 kN Not simultaneous with other listed dynamic ratings
Rating Tooth Force Max	180.64 kN Not simultaneous with other listed dynamic ratings
Rating Tooth Force Standard	90.32 kN Not simultaneous with other listed dynamic ratings
MOUNTING INTERFACES	
Outer ring mounting	60 holes - 24
Inner ring mounting	60 holes - 24
GEAR INTERFACE	
Pitch system	module
Module reference	12 mm
Number of teeth	148
SOURCE TRACEABILITY	
Source document code	LIEBHERR-SLEWING-BEARINGS-PRODUCT-CATALOGUE-2018
Source file	liebherr-slewing-bearings-product-catalogue-pt-metric-web.pdf
PDF page	87
Printed page	87

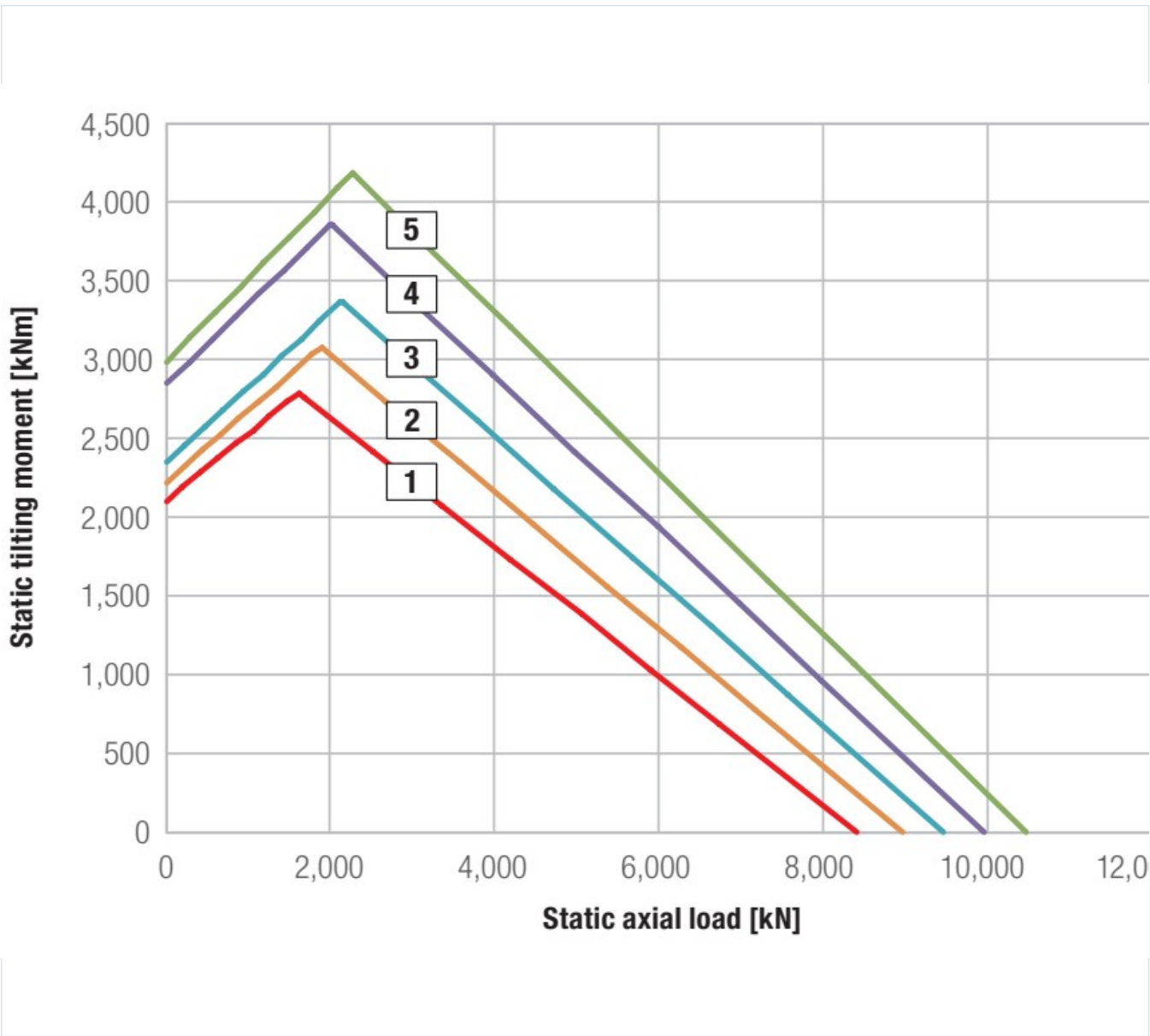
Complete Product Data

All values below are generated from the current public verified replacement record. Source values are retained and metric references are shown where available.

SOURCE TRACEABILITY (CONTINUED)	
Source language	EN
Original unit system	Mixed_metric_dp_threads
PUBLISHED TECHNICAL MEDIA	
Load Curve Chart	liebherr-page-087-curve.webp SHA-256: 4d6abecc434abbf2cdc8414055eff6b99e9ebfd823172b2d447775edae50bcfb
Outline Drawing	liebherr-page-087-drawing.webp SHA-256: 309092ae3609de9172f8627cb28f5bbf35b037ac2dcb36c5ee54848749d8b83b

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-087-curve.webp | SHA-256: 4d6abecc434abbf2cdc8414055eff6b99e9ebfd823172b2d447775edae50bcfb

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 BDDLA3XV2CS5TJ55AEMKPCRE4B	SOURCE DOCUMENT LIEBHERR-SLEWING-BEARINGS-PRODUCT-CATALOGUE-2018
SOURCE FILE liebherr-slewing-bearings-product-catalogue-pt-metric-web.pdf	SOURCE LOCATION PDF page 87 Printed page 87
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

Email: jovi@merydom.com | Email: andi@merydom.com | WhatsApp: +86 17705201170

Product page: <https://rotnex.com/products/slewing-bearing-replacements/liebherr/kud01950-035vj15-900-000/>

Trademark and legal notice: referenced brand and model names are used only for identification and cross-reference. MERYDOM is an independent manufacturer and is not affiliated with or endorsed by the referenced brand unless expressly stated.