

Factory-Verified Replacement

MERYDOM KUD01797-040WA15-900-000

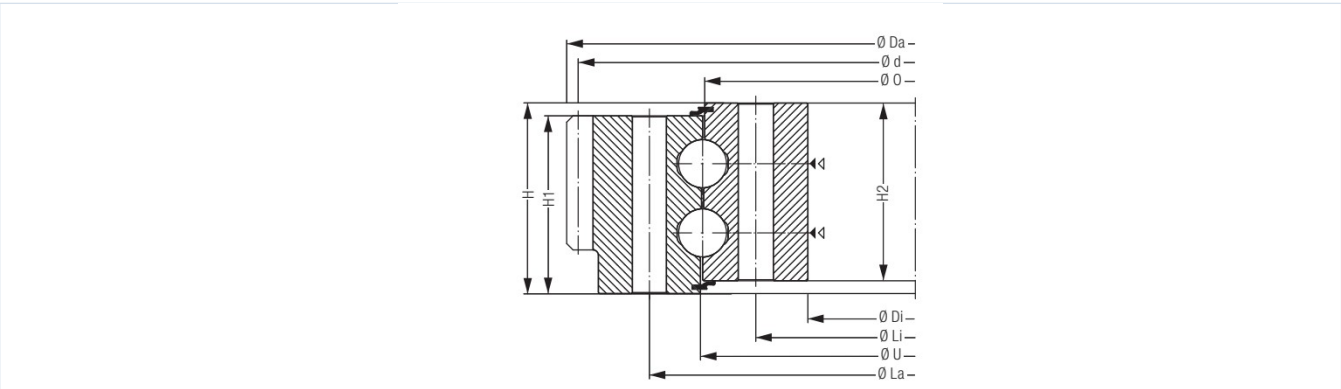
Certified for interchange with Liebherr KUD01797-040WA15-900-000. This document consolidates the public product record, complete published specifications, technical media, source traceability and engineering confirmation notes.

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
KUD01797-040WA15-900-000	Liebherr KUD01797-040WA15-900-000
SERIES	STRUCTURE
KUD_40_WA Series	ift s ral d rt nokta temasl bilyal
OVERALL OD	OVERALL ID
2,001.6 mm	1,646 mm
OVERALL HEIGHT	GEAR
154 mm	D tan di li

Published Technical Drawing



liebherr-page-114-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	KUD01797-040WA15-900-000
Certified interchangeable with	Liebherr KUD01797-040WA15-900-000
Verification status	Level 3 - MERYDOM Engineering Verified
Reviewed by	MERYDOM Engineering Department
Public record UID	XL73HIZ4QCQD2NCCWMKRCBRXXX
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_40_WA Series
Reference model	KUD01797-040WA15-900-000
Bearing structure	ift s ral d rt nokta temasl bilyal
Gear arrangement	D tan di li
DIMENSION	
Mass (Weight)	939 kg
Overall outside diameter (Da)	2 001,6 mm
Overall inside diameter (Di)	1 646 mm

Complete Product Data

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DIMENSION (CONTINUED)	
Overall height (H)	154 mm
Liebherr catalogue dimension O (O)	1 795 mm
Liebherr catalogue dimension U (U)	1 799 mm
Liebherr catalogue dimension H1 (H1)	142 mm
Liebherr catalogue dimension H2 (H2)	142 mm
MOUNTING	
Outer ring bolt circle (La)	1 885 mm
Inner ring bolt circle (Li)	1 706 mm
La/Li mounting-hole count (n)	52
Mounting fastener specification (M)	27
Liebherr catalogue count n1 (n1)	7
GEAR	
Gear pitch diameter (d)	1 968 mm
Gear module (m)	12 mm
Gear tooth count (z)	164
Addendum modification product x^*m (x^*m)	6 mm
Liebherr catalogue gear dimension k^*m (k^*m)	-1,2 mm
Gear face width (b)	120 mm
PERFORMANCE	
Standard tooth force (Fz standard)	132,2 kN

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PERFORMANCE (CONTINUED)	
Maximum tooth force (Fz maximum)	264,3 kN
Static load rating (Cstat)	20 884 kN
Dynamic load rating (Cdyn)	1 510 kN
PERFORMANCE RATINGS	
Rating Dynamic	1 510 kN Not simultaneous with other listed dynamic ratings
Rating Static	20 884 kN Not simultaneous with other listed dynamic ratings
Rating Tooth Force Max	264,3 kN Not simultaneous with other listed dynamic ratings
Rating Tooth Force Standard	132,2 kN Not simultaneous with other listed dynamic ratings
MOUNTING INTERFACES	
Outer ring mounting	52 holes - 27
Inner ring mounting	52 holes - 27
GEAR INTERFACE	
Pitch system	module
Module reference	12 mm
Number of teeth	164
SOURCE TRACEABILITY	
Source document code	LIEBHERR-SLEWING-BEARINGS-PRODUCT-CATALOGUE-2018
Source file	liebherr-slewing-bearings-product-catalogue-pt-metric-web.pdf
PDF page	114
Printed page	114

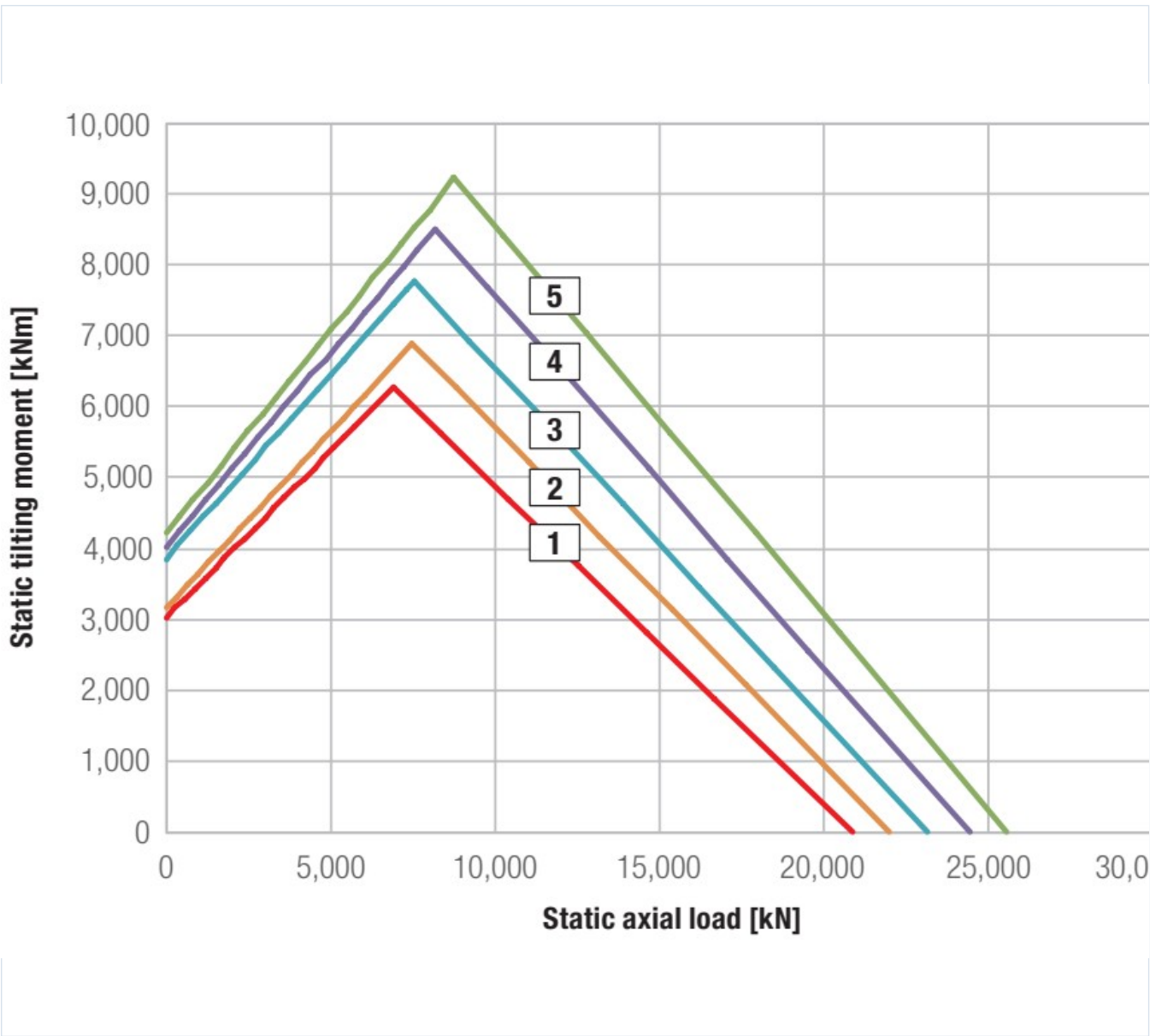
Complete Product Data

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-114-curve.webp SHA-256: 7911271adb38b2e012db7c30fcaf16f387106d50e99f83fb629ff2838a36ba0a
Outline Drawing	liebherr-page-114-drawing.webp SHA-256: f851d599dbc2076a937fae2549353160ab2f9e31c4ece1ae4099360e5ebf6f68

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-114-curve.webp | SHA-256: 7911271adb38b2e012db7c30fcac16f387106d50e99f83fb629ff2838a36ba0a

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

XL73HIZ4QCQD2NCCWMKRCBRXXX

SOURCE FILE

**liebherr-slewing-bearings-product-ca
talogue-pt-metric-web.pdf**

VERIFICATION

**Level 3 - MERYDOM Engineering
Verified**

SOURCE DOCUMENT

**LIEBHERR-SLEWING-BEARINGS-PRODUCT-CA
TALOGUE-2018**

SOURCE LOCATION

PDF page 114 | Printed page 114

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/tr/urunler/muadil-doner-tabla-rulmanlari/liebherr/kud01797-040wa15-900-000/>

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