

Factory-Verified Replacement

MERYDOM KUD01995-030ZJ15-900-000

Certified for interchange with Liebherr KUD01995-030ZJ15-900-000. 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

KUD01995-030ZJ15-900-000

REFERENCE

Liebherr KUD01995-030ZJ15-900-000

SERIES

KUD_30_ZJ Series

STRUCTURE

Rolamento de esferas de duas carreiras

OVERALL OD

2,115 mm

OVERALL ID

1,764 mm

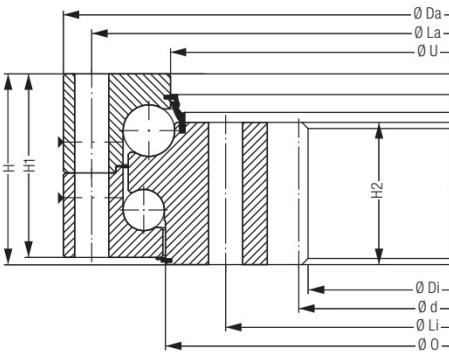
OVERALL HEIGHT

120 mm

GEAR

Engrenagem interna

Published Technical Drawing



liebherr-page-106-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	KUD01995-030ZJ15-900-000
Certified interchangeable with	Liebherr KUD01995-030ZJ15-900-000
Verification status	Level 3 - MERYDOM Engineering Verified
Reviewed by	MERYDOM Engineering Department
Public record UID	RW26TCCDUSHAJHUSATGG6SMU5Q
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_30_ZJ Series
Reference model	KUD01995-030ZJ15-900-000
Bearing structure	Rolamento de esferas de duas carreiras
Gear arrangement	Engrenagem interna
DIMENSION	
Mass (Weight)	716 kg
Overall outside diameter (Da)	2.115 mm
Overall inside diameter (Di)	1.764 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)	120 mm
Liebherr catalogue dimension O (O)	1.972 mm
Liebherr catalogue dimension U (U)	1.966 mm
Liebherr catalogue dimension H1 (H1)	114 mm
Liebherr catalogue dimension H2 (H2)	91 mm
MOUNTING	
Outer ring bolt circle (La)	2.070 mm
Inner ring bolt circle (Li)	1.890 mm
La/Li mounting-hole count (n)	48
Mounting fastener specification (M)	24
Liebherr catalogue count n1 (n1)	4
GEAR	
Gear pitch diameter (d)	1.778 mm
Gear module (m)	14 mm
Gear tooth count (z)	127
Addendum modification product x^*m (x^*m)	-7 mm
Gear face width (b)	91 mm
PERFORMANCE	
Standard tooth force (Fz standard)	116,9 kN
Maximum tooth force (Fz maximum)	233,8 kN

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PERFORMANCE (CONTINUED)	
Static load rating (Cstat)	11.715 kN
Dynamic load rating (Cdyn)	876 kN
PERFORMANCE RATINGS	
Rating Dynamic	876 kN Not simultaneous with other listed dynamic ratings
Rating Static	11.715 kN Not simultaneous with other listed dynamic ratings
Rating Tooth Force Max	233,8 kN Not simultaneous with other listed dynamic ratings
Rating Tooth Force Standard	116,9 kN Not simultaneous with other listed dynamic ratings
MOUNTING INTERFACES	
Outer ring mounting	48 holes - 24
Inner ring mounting	48 holes - 24
GEAR INTERFACE	
Pitch system	module
Module reference	14 mm
Number of teeth	127
SOURCE TRACEABILITY	
Source document code	LIEBHERR-SLEWING-BEARINGS-PRODUCT-CATALOGUE-2018
Source file	liebherr-slewing-bearings-product-catalogue-pt-metric-web.pdf
PDF page	106
Printed page	106
Source language	EN

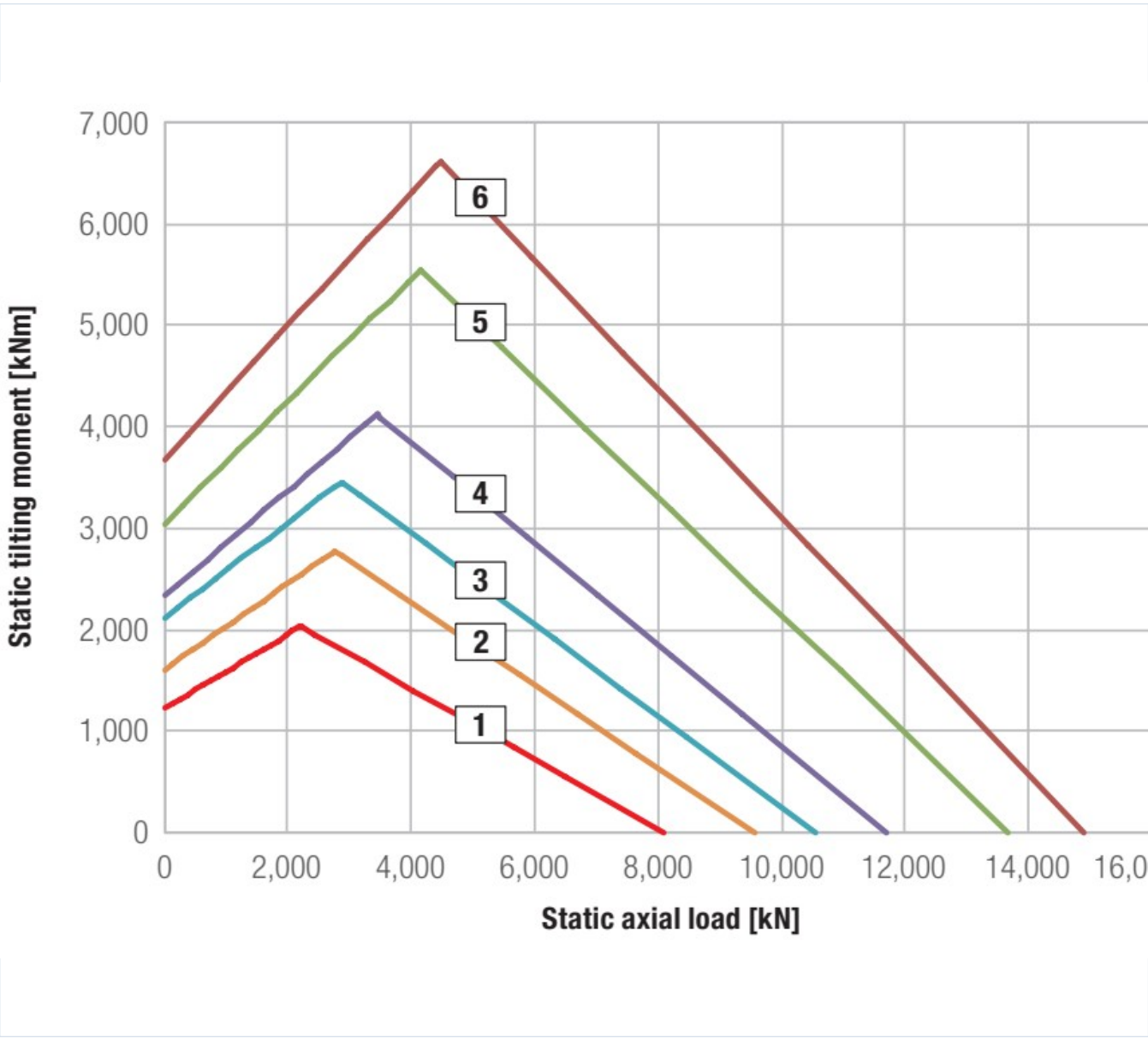
Complete Product Data

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)	
Original unit system	Mixed_metric_dp_threads
PUBLISHED TECHNICAL MEDIA	
Load Curve Chart	liebherr-page-106-curve.webp SHA-256: b1064f40e236989ea088da8c5891c71dfae17b20f2b3ddd01c595178dd ad8f27
Outline Drawing	liebherr-page-106-drawing.webp SHA-256: ed042b48d7b51f47462a56c4230b526edb28e72ea24268ae236b8435d8 660cc0

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-106-curve.webp | SHA-256: b1064f40e236989ea088da8c5891c71dfae17b20f2b3ddd01c595178ddad8f27

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

RW26TCCDUSHAJHUSATGG6SMU5Q

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 106 | Printed page 106

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/pt/produtos/rolamentos-de-giro-de-substituicao/liebherr/kud01995-030zj15-900-000/>

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