

Factory-Verified Replacement

MERYDOM KUD02620-035ZA15-900-000

Certified for interchange with Liebherr KUD02620-035ZA15-900-000. 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

KUD02620-035ZA15-900-000

REFERENCE

Liebherr KUD02620-035ZA15-900-000

SERIES

KUD_35_ZA Series

STRUCTURE

Cuscinetto a sfere a due corone

OVERALL OD

2,876.8 mm

OVERALL ID

2,490 mm

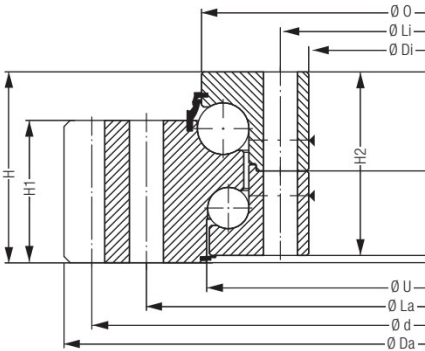
OVERALL HEIGHT

138 mm

GEAR

Dentatura esterna

Published Technical Drawing



liebherr-page-103-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	KUD02620-035ZA15-900-000
Certified interchangeable with	Liebherr KUD02620-035ZA15-900-000
Verification status	Level 3 - MERYDOM Engineering Verified
Reviewed by	MERYDOM Engineering Department
Public record UID	RTS2ZZ7WWFPLF65BVKYI57ERXE
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_ZA Series
Reference model	KUD02620-035ZA15-900-000
Bearing structure	Cuscinetto a sfere a due corone
Gear arrangement	Dentatura esterna
DIMENSION	
Mass (Weight)	1.244 kg
Overall outside diameter (Da)	2.876,8 mm
Overall inside diameter (Di)	2.490 mm

Complete Product Data

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DIMENSION (CONTINUED)	
Overall height (H)	138 mm
Liebherr catalogue dimension O (O)	2.654 mm
Liebherr catalogue dimension U (U)	2.649 mm
Liebherr catalogue dimension H1 (H1)	104 mm
Liebherr catalogue dimension H2 (H2)	132 mm
MOUNTING	
Outer ring bolt circle (La)	2.735 mm
Inner ring bolt circle (Li)	2.540 mm
La/Li mounting-hole count (n)	60
Mounting fastener specification (M)	24
Liebherr catalogue count n1 (n1)	6
GEAR	
Gear pitch diameter (d)	2.832 mm
Gear module (m)	16 mm
Gear tooth count (z)	177
Addendum modification product x^*m (x^*m)	8 mm
Liebherr catalogue gear dimension k^*m (k^*m)	-1,6 mm
Gear face width (b)	104 mm
PERFORMANCE	
Standard tooth force (Fz standard)	152,7 kN

Complete Product Data

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PERFORMANCE (CONTINUED)	
Maximum tooth force (Fz maximum)	305,4 kN
Static load rating (Cstat)	17.949 kN
Dynamic load rating (Cdyn)	1.136 kN
PERFORMANCE RATINGS	
Rating Dynamic	1.136 kN Not simultaneous with other listed dynamic ratings
Rating Static	17.949 kN Not simultaneous with other listed dynamic ratings
Rating Tooth Force Max	305,4 kN Not simultaneous with other listed dynamic ratings
Rating Tooth Force Standard	152,7 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	16 mm
Number of teeth	177
SOURCE TRACEABILITY	
Source document code	LIEBHERR-SLEWING-BEARINGS-PRODUCT-CATALOGUE-2018
Source file	liebherr-slewing-bearings-product-catalogue-pt-metric-web.pdf
PDF page	103
Printed page	103

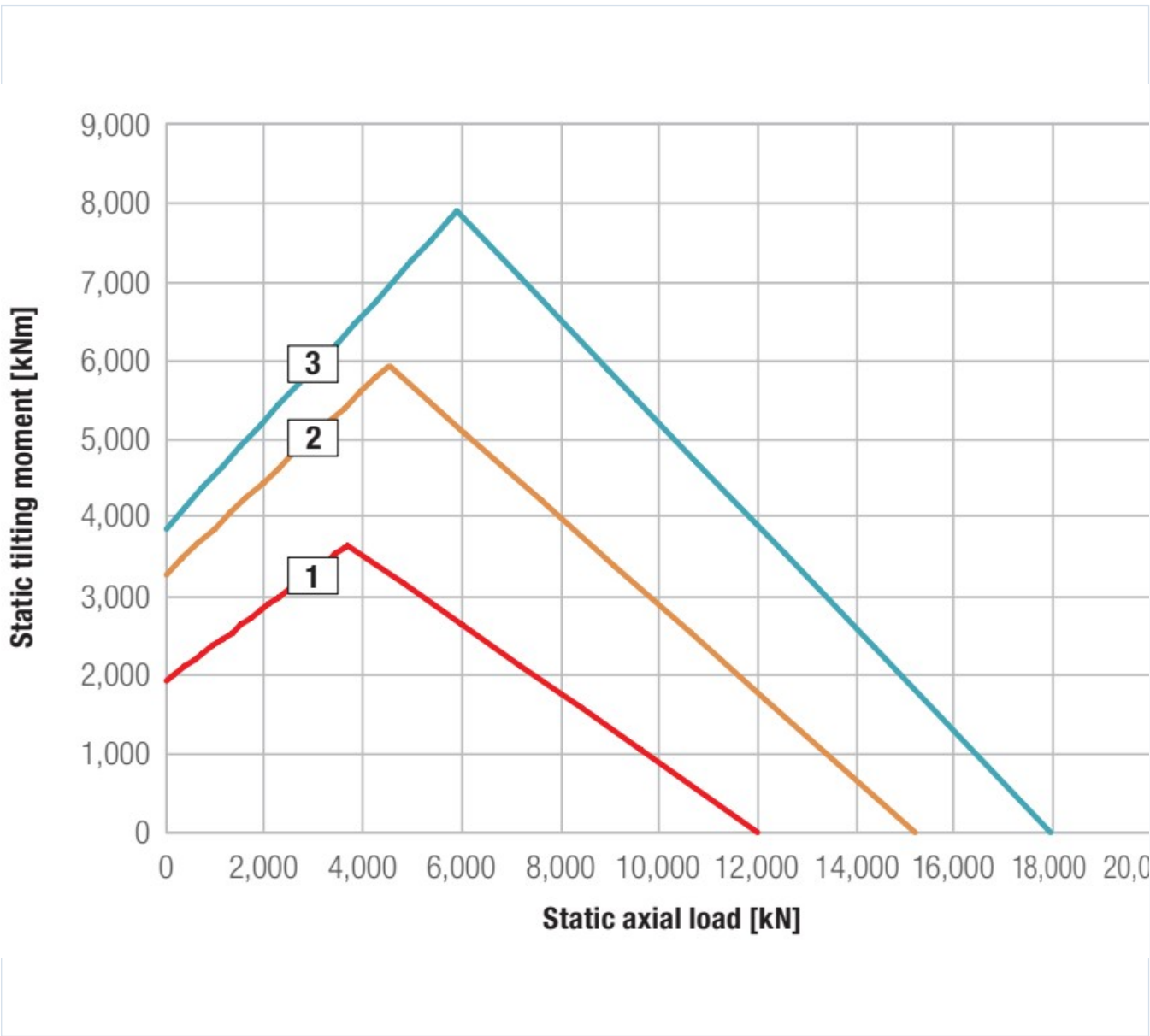
Complete Product Data

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-103-curve.webp SHA-256: 98271b1d7b08f889bc64a242e0c33cb8d386a6b1032b854521922e2dca01ba61
Outline Drawing	liebherr-page-103-drawing.webp SHA-256: b3670e28f44718c17d910c2d4fe16000d18c7237d1a34056433475f67c42e9d1

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-103-curve.webp | SHA-256: 98271b1d7b08f889bc64a242e0c33cb8d386a6b1032b854521922e2dca01ba61

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

RTS2ZZ7WWFPLF65BVKYI57ERXE

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 103 | Printed page 103

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/it/prodotti/cuscinetti-di-rotazione-sostitutivi/liebherr/kud02620-035za15-900-000/>

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