Factory-Verified Replacement

MERYDOM KUD01067-025VJ15-900-000

Certified for interchange with Liebherr KUD01067-025VJ15-900-000. 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

KUD01067-025VJ15-900-000

REFERENCE

Liebherr KUD01067-025VJ15-900-000

SERIES

KUD_25_VJ Series

STRUCTURE

Sfere a quattro punti di contatto

OVERALL OD

1,219.2 mm

OVERALL ID

918.464 mm

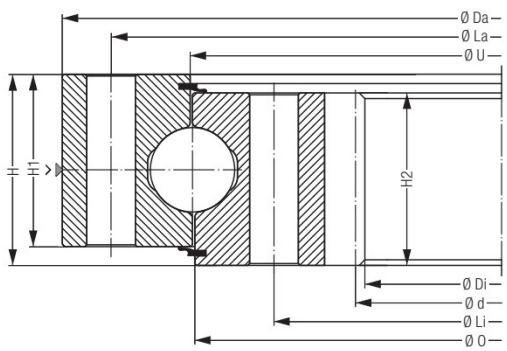
OVERALL HEIGHT

88.9 mm

GEAR

Dentatura interna

Published Technical Drawing



liebherr-page-085-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	KUD01067-025VJ15-900-000
Certified interchangeable with	Liebherr KUD01067-025VJ15-900-000
Verification status	Level 3 - MERYDOM Engineering Verified
Reviewed by	MERYDOM Engineering Department
Public record UID	SRG5WQRYAAMQRVJT7DQ7ZX75JQ
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_VJ Series
Reference model	KUD01067-025VJ15-900-000
Bearing structure	Sfere a quattro punti di contatto
Gear arrangement	Dentatura interna
DIMENSION	
Mass (Weight)	263,6 kg
Overall outside diameter (Da)	1.219,2 mm
Overall inside diameter (Di)	918,464 mm

Complete Product Data

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DIMENSION (CONTINUED)	
Overall height (H)	88,9 mm
Liebherr catalogue dimension O (O)	1.066,8 mm
Liebherr catalogue dimension U (U)	1.066,8 mm
Liebherr catalogue dimension H1 (H1)	76,2 mm
Liebherr catalogue dimension H2 (H2)	76,2 mm
MOUNTING	
Outer ring bolt circle (La)	1.149,35 mm
Inner ring bolt circle (Li)	996,95 mm
La/Li mounting-hole count (n)	32/36
Mounting fastener specification (M)	3/4 - 10 UNC
Liebherr catalogue count n1 (n1)	6
GEAR	
Gear pitch diameter (d)	934,72 mm
Diametral pitch (Pd)	2,5 1/in
Gear tooth count (z)	92
Gear face width (b)	76,2 mm
PERFORMANCE	
Standard tooth force (Fz standard)	46,3 kN
Maximum tooth force (Fz maximum)	92,61 kN
Static load rating (Cstat)	3.889 kN

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PERFORMANCE (CONTINUED)	
Dynamic load rating (Cdyn)	471 kN
PERFORMANCE RATINGS	
Rating Dynamic	471 kN | Not simultaneous with other listed dynamic ratings
Rating Static	3.889 kN | Not simultaneous with other listed dynamic ratings
Rating Tooth Force Max	92,61 kN | Not simultaneous with other listed dynamic ratings
Rating Tooth Force Standard	46,3 kN | Not simultaneous with other listed dynamic ratings
MOUNTING INTERFACES	
Outer ring mounting	32 holes - 3/4 - 10 UNC
Inner ring mounting	36 holes - 3/4 - 10 UNC
GEAR INTERFACE	
Pitch system	DP
Diametral pitch	2.5 DP
Number of teeth	92
SOURCE TRACEABILITY	
Source document code	LIEBHERR-SLEWING-BEARINGS-PRODUCT-CATALOGUE-2018
Source file	liebherr-slewing-bearings-product-catalogue-pt-metric-web.pdf
PDF page	85
Printed page	85
Source language	EN
Original unit system	Mixed_metric_dp_threads

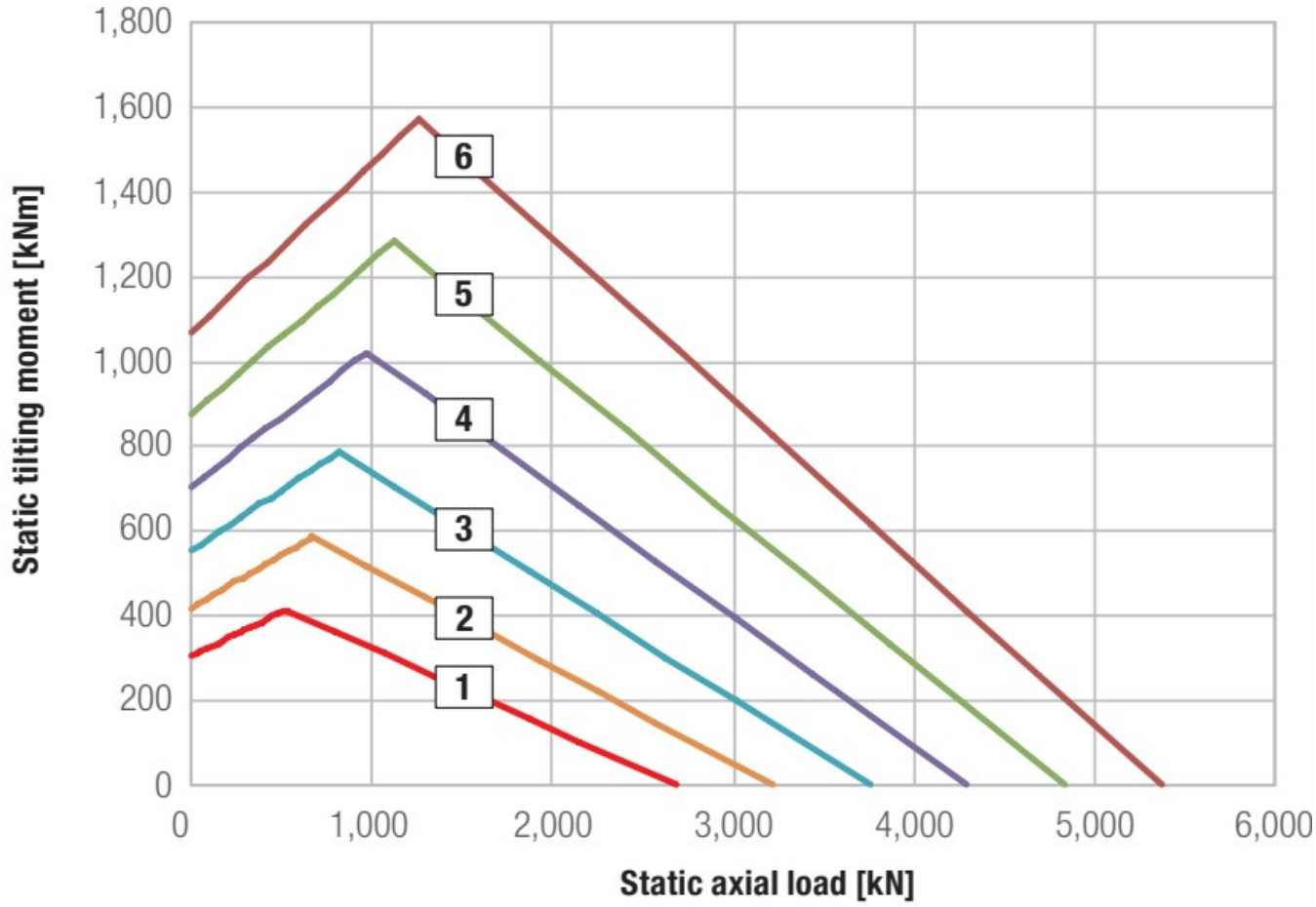
Complete Product Data

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

PUBLISHED TECHNICAL MEDIA	
Load Curve Chart	liebherr-page-085-curve.webp | SHA-256: e370f16ef4cf7b70a7f6d8a4de1ea57683ddbd8aceb1855443037a56cf13b3af
Outline Drawing	liebherr-page-085-drawing.webp | SHA-256: 43e1309f9de82c5147e22900ef5e192053836fd301c845b09abd2aacd9ab89fc

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-085-curve.webp | SHA-256: e370f16ef4cf7b70a7f6d8a4de1ea57683ddbd8aceb1855443037a56cf13b3af

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

SRG5WQRYAAMQRVJT7DQ7ZX75JQ

SOURCE DOCUMENT

LIEBHERR-SLEWING-BEARINGS-PRODUCT-CATALOGUE-2018

SOURCE FILE

liebherr-slewing-bearings-product-catalogue-pt-metric-web.pdf

SOURCE LOCATION

PDF page 85 | Printed page 85

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/kud01067-025vj15-900-000/