Factory-Verified Replacement

MERYDOM ROD01800-026DA15-900-000

Certified for interchange with Liebherr ROD01800-026DA15-900-000. 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

ROD01800-026DA15-900-000

REFERENCE

Liebherr ROD01800-026DA15-900-000

SERIES

ROD_26_DA Series

STRUCTURE

s ral makaral

OVERALL OD

2,076.8 mm

OVERALL ID

1,619 mm

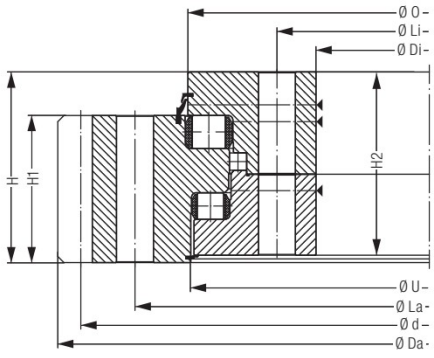
OVERALL HEIGHT

147 mm

GEAR

D tan di li

Published Technical Drawing



liebherr-page-137-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	ROD01800-026DA15-900-000
Certified interchangeable with	Liebherr ROD01800-026DA15-900-000
Verification status	Level 3 - MERYDOM Engineering Verified
Reviewed by	MERYDOM Engineering Department
Public record UID	72I2Q4QTO4VW4GZ3Q2MWGQ2BOG
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	ROD_26_DA Series
Reference model	ROD01800-026DA15-900-000
Bearing structure	s ral makaral
Gear arrangement	D tan di li
DIMENSION	
Mass (Weight)	1 126 kg
Overall outside diameter (Da)	2 076,8 mm
Overall inside diameter (Di)	1 619 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)	147 mm
Liebherr catalogue dimension O (O)	1 836 mm
Liebherr catalogue dimension U (U)	1 826 mm
Liebherr catalogue dimension H1 (H1)	117 mm
Liebherr catalogue dimension H2 (H2)	138 mm
MOUNTING	
Outer ring bolt circle (La)	1 925 mm
Inner ring bolt circle (Li)	1 685 mm
La/Li mounting-hole count (n)	36
Mounting fastener specification (M)	30
Liebherr catalogue count n1 (n1)	6
GEAR	
Gear pitch diameter (d)	2 032 mm
Gear module (m)	16 mm
Gear tooth count (z)	127
Addendum modification product x*m (x*m)	8 mm
Liebherr catalogue gear dimension k*m (k*m)	-1,6 mm
Gear face width (b)	117 mm
PERFORMANCE	
Standard tooth force (Fz standard)	162,7 kN

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PERFORMANCE (CONTINUED)	
Maximum tooth force (Fz maximum)	325,4 kN
Static load rating (Cstat)	17 148 kN
Dynamic load rating (Cdyn)	2 039 kN
PERFORMANCE RATINGS	
Rating Dynamic	2 039 kN | Not simultaneous with other listed dynamic ratings
Rating Static	17 148 kN | Not simultaneous with other listed dynamic ratings
Rating Tooth Force Max	325,4 kN | Not simultaneous with other listed dynamic ratings
Rating Tooth Force Standard	162,7 kN | Not simultaneous with other listed dynamic ratings
MOUNTING INTERFACES	
Outer ring mounting	36 holes - 30
Inner ring mounting	36 holes - 30
GEAR INTERFACE	
Pitch system	module
Module reference	16 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	137
Printed page	137

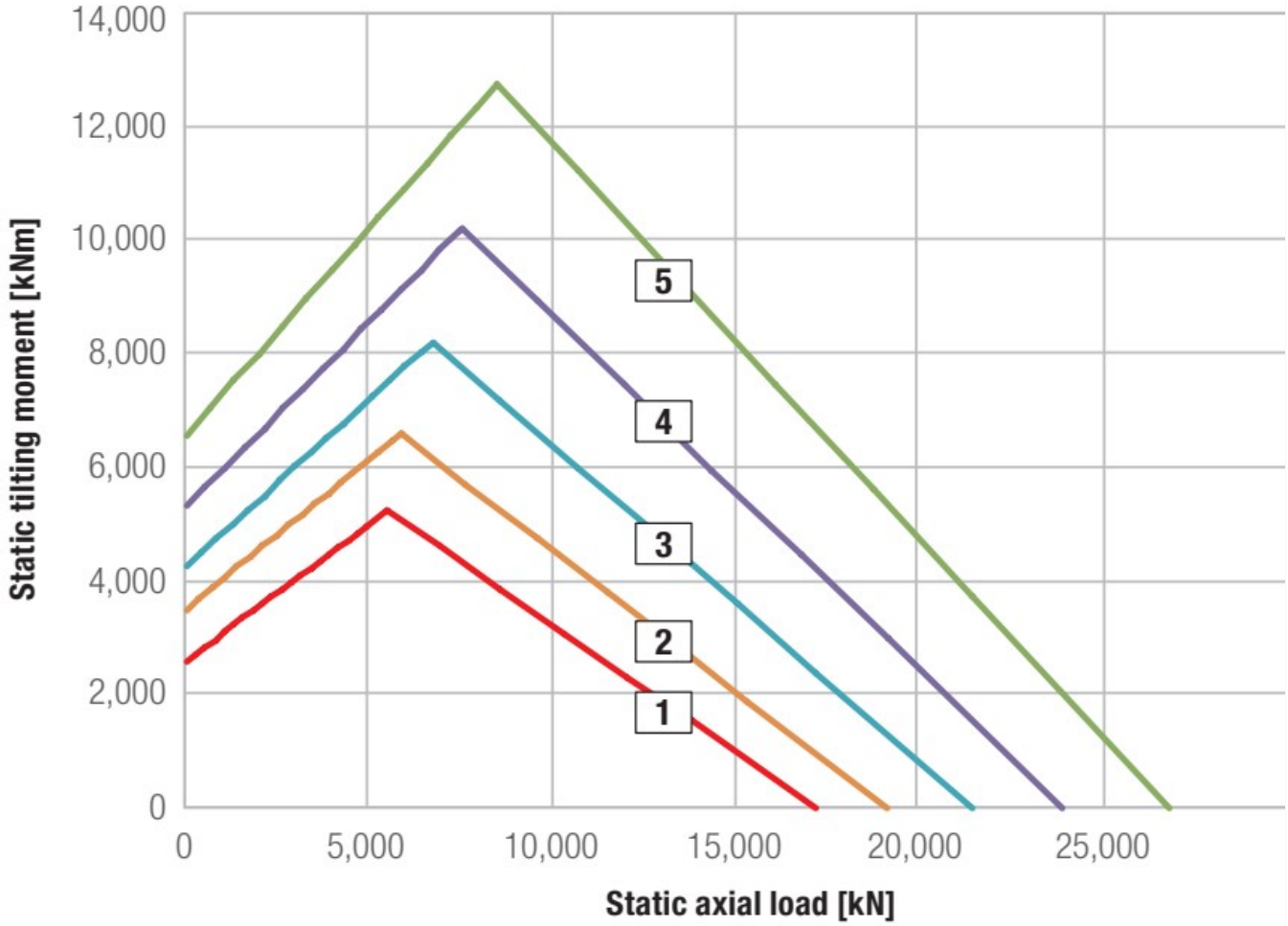
Complete Product Data

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-137-curve.webp | SHA-256: df8db462518c85bec147d243596dd7f4a36a822a313e4022c65e141af191da7c
Outline Drawing	liebherr-page-137-drawing.webp | SHA-256: c4dc701ffa269a34556bbbf91f50fad70bfdc8991fb99531717aa161efe58484

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-137-curve.webp | SHA-256: df8db462518c85bec147d243596dd7f4a36a822a313e4022c65e141af191da7c

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

72I2Q4QTO4VW4GZ3Q2MWGQ2BOG

SOURCE DOCUMENT

LIEBHERR-SLEWING-BEARINGS-PRODUCT-CATALOGUE-2018

SOURCE FILE

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

SOURCE LOCATION

PDF page 137 | Printed page 137

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/tr/urunler/muadil-doner-tabla-rulmanlari/liebherr/rod01800-026da15-900-000/