Factory-Verified Replacement

MERYDOM 13-3000-00

Certified for interchange with ROLLIX 13-3000-00. 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

13-3000-00

REFERENCE

ROLLIX 13-3000-00

SERIES

13 Series

STRUCTURE

Rolamento de esferas de duas carreiras

OVERALL OD

3,255 mm

OVERALL ID

2,743 mm

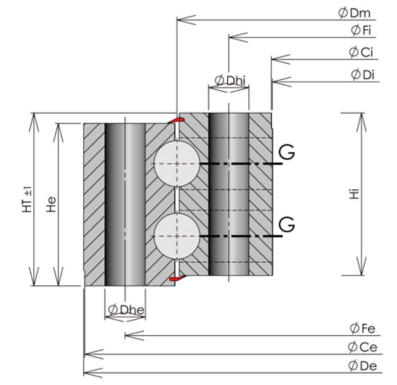
OVERALL HEIGHT

242 mm

GEAR

Sem engrenagem

Published Technical Drawing



rollix-page-088-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	13-3000-00
Certified interchangeable with	ROLLIX 13-3000-00
Verification status	Level 3 - MERYDOM Engineering Verified
Reviewed by	MERYDOM Engineering Department
Public record UID	5XPOX3UFWUNMGOPNOQKGAIZIMV
MATERIALS	
Configurable ring material options	42CrMo / 50Mn
Seal material	NBR - Nitrile rubber
Configurable spacer material options	Engineering nylon / Brass
IDENTIFICATION	
Reference brand	ROLLIX
Reference series	13 Series
Reference model	13-3000-00
Bearing structure	Rolamento de esferas de duas carreiras
Gear arrangement	Sem engrenagem
DIMENSION	
Overall height (HT)	242 mm
Overall outside diameter (Dia De)	3.255 mm
Outer ring height (He)	230 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 inside diameter (Dia Di)	2.743 mm
Inner ring height (Hi)	230 mm
Assembly weight (Weight)	3.797 kg
MOUNTING	
Outer ring pilot diameter (Dia Ce)	3.252 mm
Inner ring pilot diameter (Dia Ci)	2.745 mm
Outer ring hole type (External ring hole type)	Th
Outer ring bolt circle (Dia Fe)	3.150 mm
Outer ring mounting-hole count (Ne)	72
Outer ring mounting-hole specification (Dhe)	52 mm
Inner ring hole type (Inner ring hole type)	Th
Inner ring bolt circle (Dia Fi)	2.850 mm
Inner ring mounting-hole count (Ni)	72
Inner ring mounting-hole specification (Dhi)	52 mm
MISCELLANEOUS	
Ring with greasing holes (Ring with greasing holes)	I
Greasing hole type (Greasing hole type)	R
MOUNTING INTERFACES	
Outer ring mounting	72 holes - External ring hole type Th; Dhe 52 mm
Inner ring mounting	72 holes - Inner ring hole type Th; Dhi 52 mm

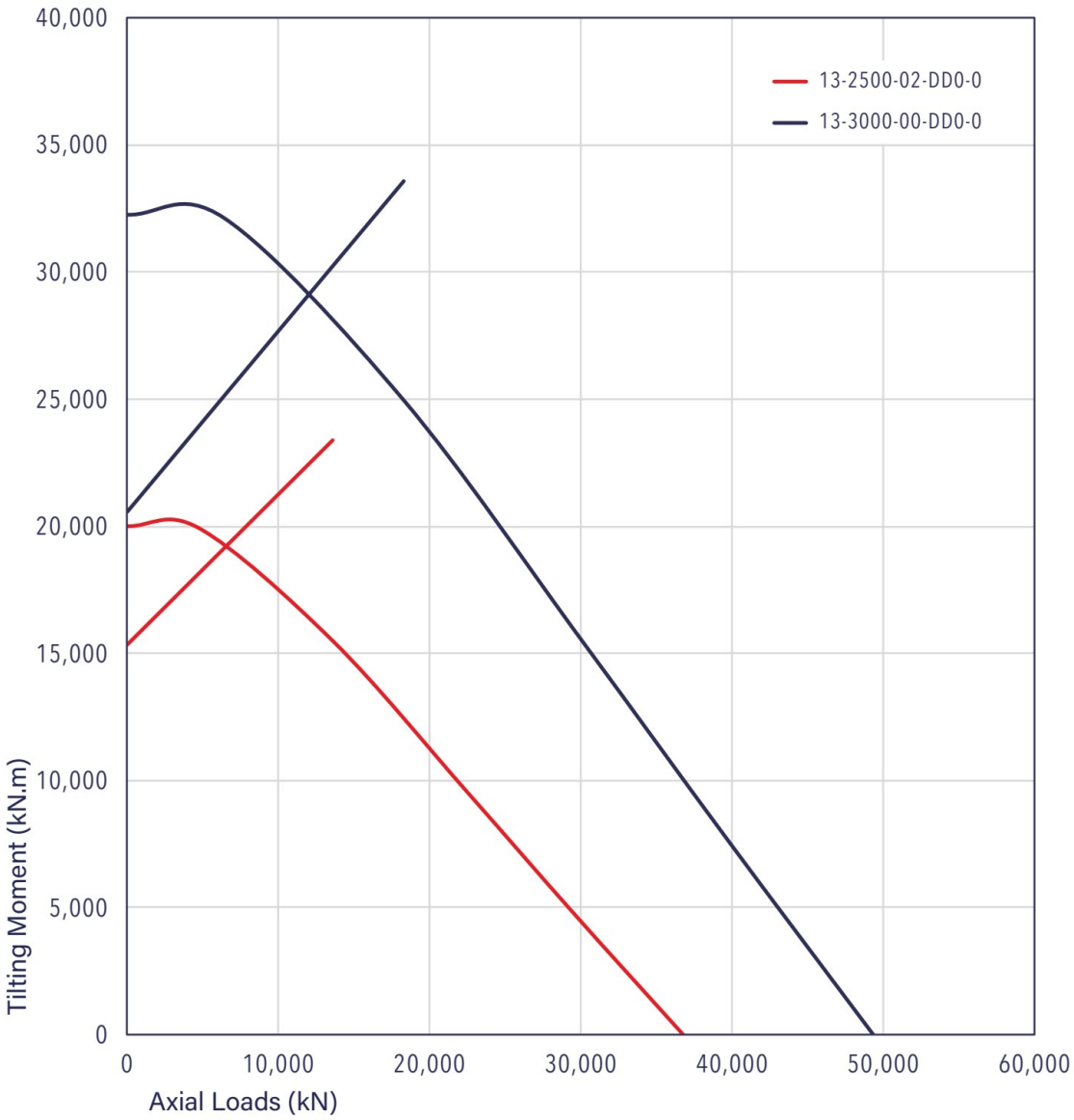
Complete Product Data

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

GEAR INTERFACE	
Integral gear	Not applicable - ungeared bearing
SOURCE TRACEABILITY	
Source document code	ROLLIX-CATALOGUE-SLEWING-RINGS-2024-07
Source file	ROLLIX.pdf
PDF page	88
Printed page	88
Source language	EN
Original unit system	Metric
PUBLISHED TECHNICAL MEDIA	
Load Curve Chart	rollix-page-088-curve.webp | SHA-256: 641de0404b9a2e2a0a68da7bb939900c13df4241370d1eb7616f5accd5f874bf
Outline Drawing	rollix-page-088-drawing.webp | SHA-256: dd7f2b155d7ab497988c33c99884b68e6d19b42e8ec55631bb634d2800057db7

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.



rollix-page-088-curve.webp | SHA-256: 641de0404b9a2e2a0a68da7bb939900c13df4241370d1eb7616f5accd5f874bf

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

5XPOX3UFWUNMGOPNOQKGAIZIMV

SOURCE DOCUMENT

ROLLIX-CATALOGUE-SLEWING-RINGS-2024-07

SOURCE FILE

ROLLIX.pdf

SOURCE LOCATION

PDF page 88 | Printed page 88

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/pt/produtos/rolamentos-de-giro-de-substituicao/rollix/13-3000-00/