Factory-Verified Replacement

MERYDOM 75-2000-00

Certified for interchange with ROLLIX 75-2000-00. 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
75-2000-00

REFERENCE
ROLLIX 75-2000-00

SERIES
75 Series

STRUCTURE
Cuscinetto a rulli a due corone

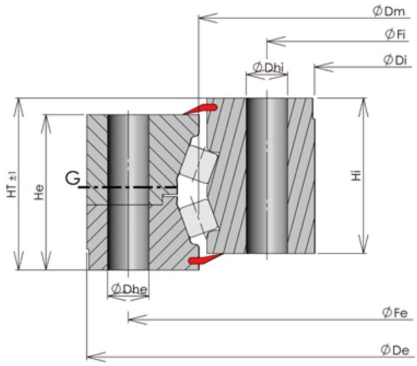
OVERALL OD
2,152 mm

OVERALL ID
1,830 mm

OVERALL HEIGHT
131 mm

GEAR
Senza dentatura

Published Technical Drawing



rollix-page-139-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	75-2000-00
Certified interchangeable with	ROLLIX 75-2000-00
Verification status	Level 3 - MERYDOM Engineering Verified
Reviewed by	MERYDOM Engineering Department
Public record UID	6UTLSK5VYZGQKYRAGAEDCTYUPZ
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	75 Series
Reference model	75-2000-00
Bearing structure	Cuscinetto a rulli a due corone
Gear arrangement	Senza dentatura
DIMENSION	
Overall height (HT)	131 mm
Overall outside diameter (Dia De)	2.152 mm
Outer ring height (He)	119 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)	1.830 mm
Inner ring height (Hi)	119 mm
Assembly weight (Weight)	765 kg
MOUNTING	
Outer ring hole type (External ring hole type)	Th
Outer ring bolt circle (Dia Fe)	2.092 mm
Outer ring mounting-hole count (Ne)	90
Outer ring mounting-hole specification (Dhe)	30 mm
Inner ring hole type (Inner ring hole type)	Th
Inner ring bolt circle (Dia Fi)	1.907 mm
Inner ring mounting-hole count (Ni)	90
Inner ring mounting-hole specification (Dhi)	30 mm
MISCELLANEOUS	
Ring with greasing holes (Ring with greasing holes)	E
Greasing hole type (Greasing hole type)	R
MOUNTING INTERFACES	
Outer ring mounting	90 holes - External ring hole type Th; Dhe 30 mm
Inner ring mounting	90 holes - Inner ring hole type Th; Dhi 30 mm
GEAR INTERFACE	
Integral gear	Not applicable - ungeared bearing

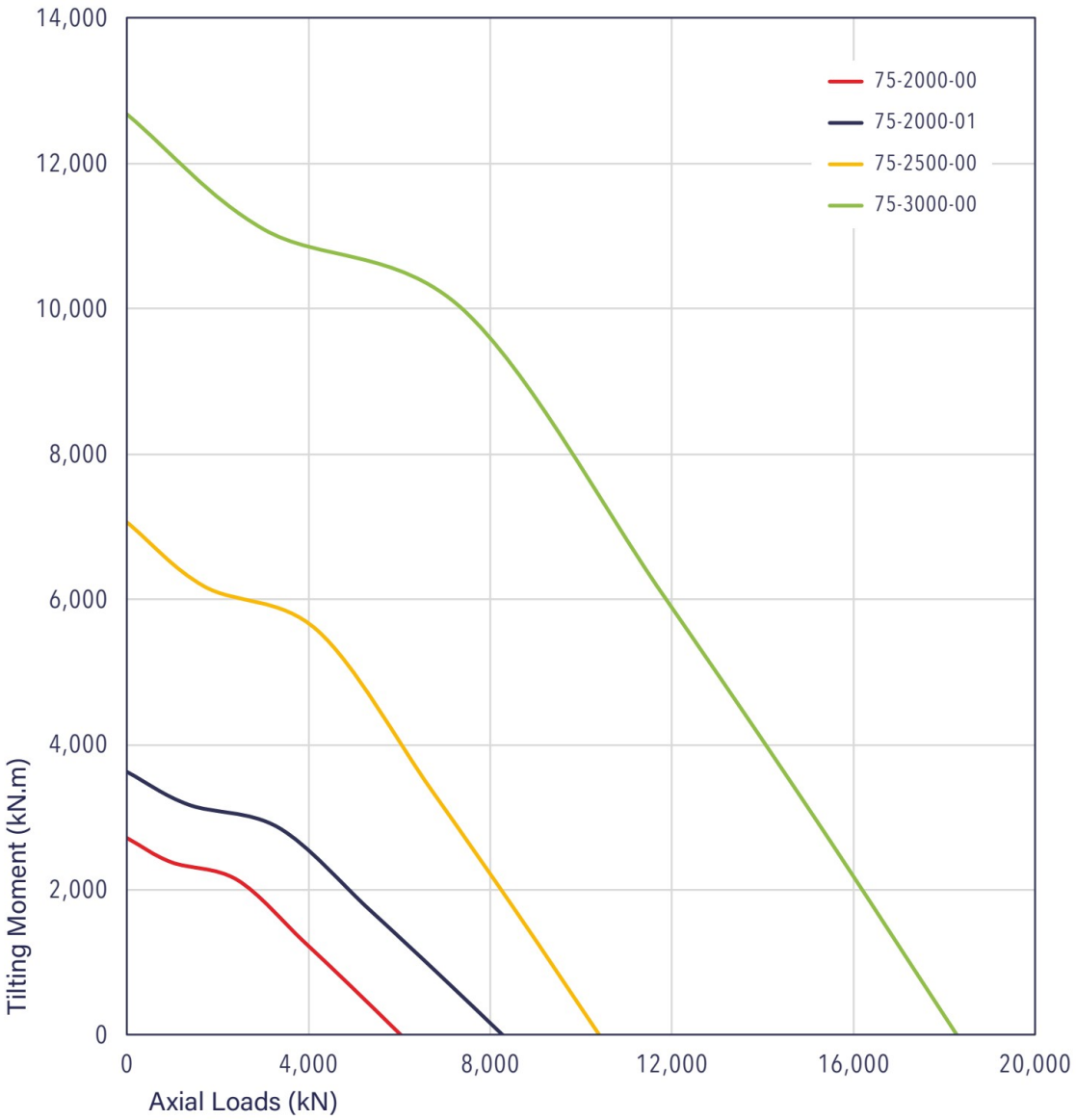
Complete Product Data

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	
Source document code	ROLLIX-CATALOGUE-SLEWING-RINGS-2024-07
Source file	ROLLIX.pdf
PDF page	139
Printed page	139
Source language	EN
Original unit system	Metric
PUBLISHED TECHNICAL MEDIA	
Load Curve Chart	rollix-page-139-curve.webp | SHA-256: 1f63585eb7422f5e5d3acc2173dca80c114d47b41bcb506cadb332bb8d9d4c28
Outline Drawing	rollix-page-139-drawing.webp | SHA-256: 78c4af4e1dd71f87a51d762f0d79f6e5851945601fb8070f7d4c294cddda1ecc

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-139-curve.webp | SHA-256: 1f63585eb7422f5e5d3acc2173dca80c114d47b41bcb506cadb332bb8d9d4c28

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

6UTLSK5VYZGQKYRAGAEDCTYUPZ

SOURCE DOCUMENT

ROLLIX-CATALOGUE-SLEWING-RINGS-2024-07

SOURCE FILE

ROLLIX.pdf

SOURCE LOCATION

PDF page 139 | Printed page 139

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/rollix/75-2000-00/