Factory-Verified Replacement

MERYDOM 03-1595-03

Certified for interchange with ROLLIX 03-1595-03. 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

03-1595-03

REFERENCE

ROLLIX 03-1595-03

SERIES

03 Series

STRUCTURE

Tek s ral d rt nokta temasl bilyal

OVERALL OD

1,690 mm

OVERALL ID

1,500 mm

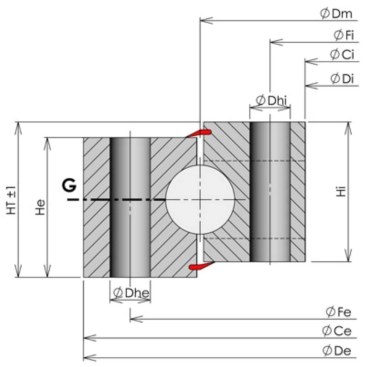
OVERALL HEIGHT

63 mm

GEAR

Di lisiz

Published Technical Drawing



rollix-page-081-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	03-1595-03
Certified interchangeable with	ROLLIX 03-1595-03
Verification status	Level 3 - MERYDOM Engineering Verified
Reviewed by	MERYDOM Engineering Department
Public record UID	DND2YZ5VW5ZVAXJGYZZD5CQDR3
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	03 Series
Reference model	03-1595-03
Bearing structure	Tek s ral d rt nokta temasl bilyal
Gear arrangement	Di lisiz
DIMENSION	
Overall height (HT)	63 mm
Overall outside diameter (Dia De)	1 690 mm
Outer ring height (He)	54 mm

Complete Product Data

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DIMENSION (CONTINUED)	
Overall inside diameter (Dia Di)	1 500 mm
Inner ring height (Hi)	54 mm
Assembly weight (Weight)	189 kg
MOUNTING	
Outer ring pilot diameter (Dia Ce)	1 688 mm
Inner ring pilot diameter (Dia Ci)	1 502 mm
Outer ring hole type (External ring hole type)	Th
Outer ring bolt circle (Dia Fe)	1 654 mm
Outer ring mounting-hole count (Ne)	24
Outer ring mounting-hole specification (Dhe)	17,5 mm
Inner ring hole type (Inner ring hole type)	Th
Inner ring bolt circle (Dia Fi)	1 536 mm
Inner ring mounting-hole count (Ni)	24
Inner ring mounting-hole specification (Dhi)	17,5 mm
MISCELLANEOUS	
Ring with greasing holes (Ring with greasing holes)	I
Greasing hole type (Greasing hole type)	F
MOUNTING INTERFACES	
Outer ring mounting	24 holes - External ring hole type Th; Dhe 17.5 mm
Inner ring mounting	24 holes - Inner ring hole type Th; Dhi 17.5 mm

Complete Product Data

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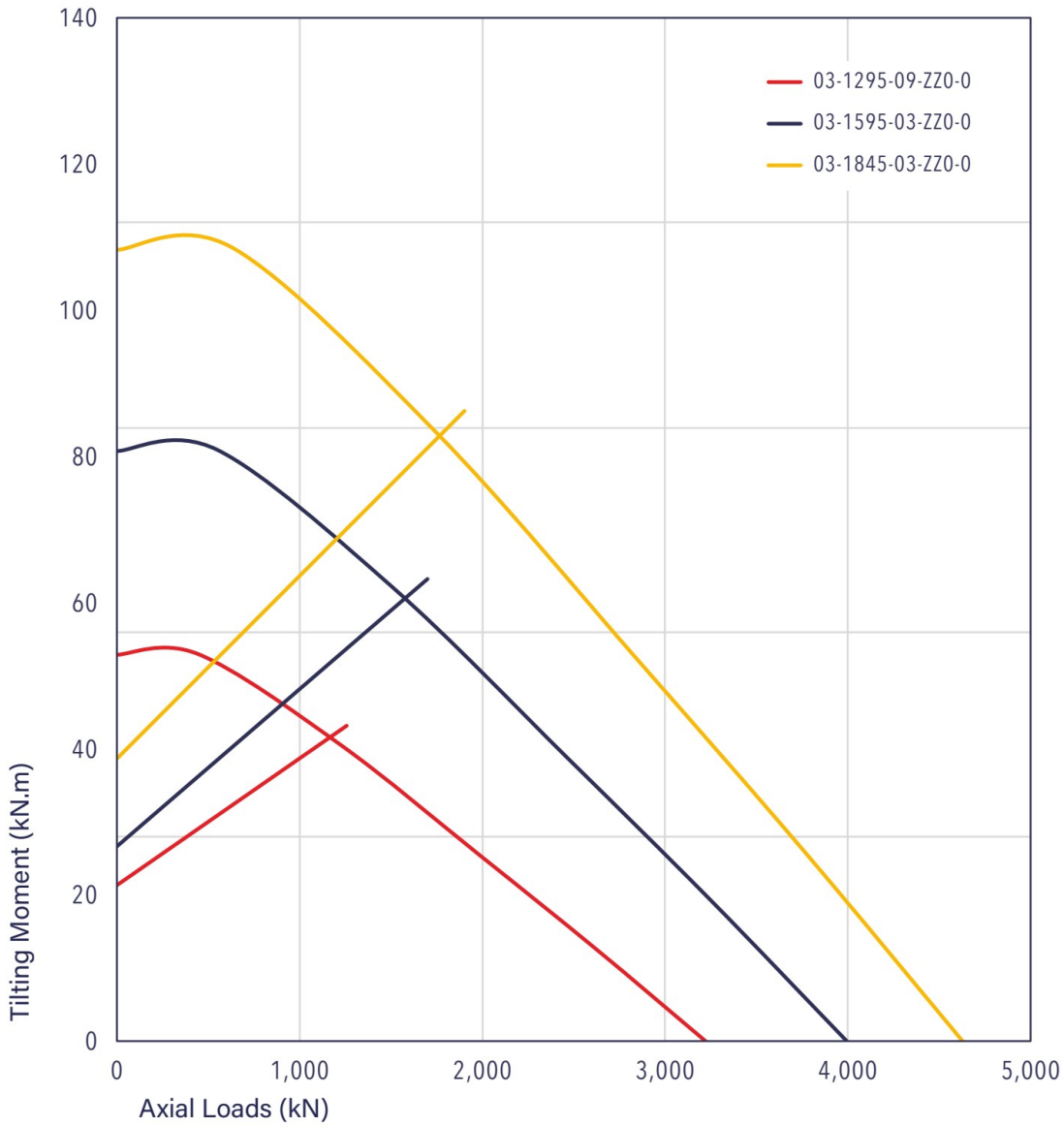
GEAR INTERFACE	
Integral gear	Not applicable - ungeared bearing
SOURCE TRACEABILITY	
Source document code	ROLLIX-CATALOGUE-SLEWING-RINGS-2024-07
Source file	ROLLIX.pdf
PDF page	81
Printed page	81
Source language	EN
Original unit system	Metric
PUBLISHED TECHNICAL MEDIA	
Load Curve Chart	rollix-page-081-curve.webp | SHA-256: 354426b0d21b2cf81f88709fa0d3e46e3de2cf5f3c9a3e2391062cb499521f88
Outline Drawing	rollix-page-081-drawing.webp | SHA-256: 5edb2b3b8fd46a1a71a076d27fff8f13a74114ef508a55039d0c26deb228983c

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-081-curve.webp | SHA-256: 354426b0d21b2cf81f88709fa0d3e46e3de2cf5f3c9a3e2391062cb499521f88

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

DND2YZ5VW5ZVAXJGYZZD5CQDR3

SOURCE DOCUMENT

ROLLIX-CATALOGUE-SLEWING-RINGS-2024-07

SOURCE FILE

ROLLIX.pdf

SOURCE LOCATION

PDF page 81 | Printed page 81

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/tr/urunler/muadil-doner-tabla-rulmanlari/rollix/03-1595-03/