

Factory-Verified Replacement

MERYDOM 02-0308-01

Certified for interchange with ROLLIX 02-0308-01. 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
02-0308-01

REFERENCE
ROLLIX 02-0308-01

SERIES
02 Series

STRUCTURE
Tek s ral d rt nokta temasl
bilyal

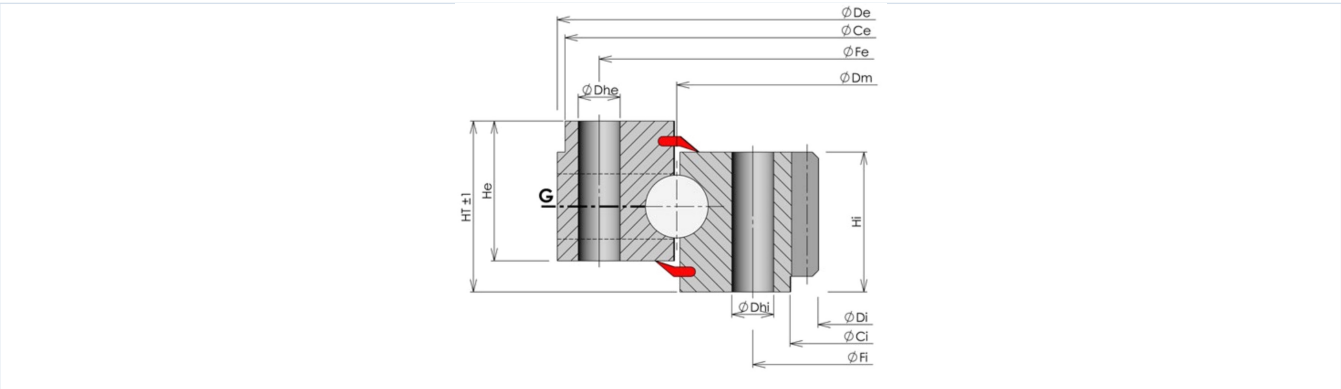
OVERALL OD
385 mm

OVERALL ID
217 mm

OVERALL HEIGHT
55 mm

GEAR
ten di li

Published Technical Drawing



rollix-page-071-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	02-0308-01
Certified interchangeable with	ROLLIX 02-0308-01
Verification status	Level 3 - MERYDOM Engineering Verified
Reviewed by	MERYDOM Engineering Department
Public record UID	LWN4SG4DL72JFFB5TYSPMO7D35
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	02 Series
Reference model	02-0308-01
Bearing structure	Tek s ral d rt nokta temasl bilyal
Gear arrangement	ten di li
DIMENSION	
Overall height (HT)	55 mm
Overall outside diameter (Dia De)	385 mm
Outer ring height (He)	45 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)	217 mm
Inner ring height (Hi)	45 mm
Assembly weight (Weight)	23 kg
MOUNTING	
Outer ring pilot diameter (Dia Ce)	380 mm
Outer ring hole type (External ring hole type)	Th
Outer ring bolt circle (Dia Fe)	358 mm
Outer ring mounting-hole count (Ne)	24
Outer ring mounting-hole specification (Dhe)	13,5 mm
Inner ring hole type (Inner ring hole type)	Th
Inner ring bolt circle (Dia Fi)	259 mm
Inner ring mounting-hole count (Ni)	24
Inner ring mounting-hole specification (Dhi)	13,5 mm
GEAR	
Gear module (Module)	4 mm
Gear tooth count (Z)	56
Gear face width (W)	40 mm
PERFORMANCE	
Gear capacity, unhardened (Gear capacity unhardened)	22 kN
Gear capacity, hardened (Gear capacity hardened)	29 kN

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MISCELLANEOUS	
Ring with greasing holes (Ring with greasing holes)	E
Greasing hole type (Greasing hole type)	R
PERFORMANCE RATINGS	
Rating Gear Capacity Hardened	29 kN Not simultaneous with other listed dynamic ratings
Rating Gear Capacity Unhardened	22 kN Not simultaneous with other listed dynamic ratings
MOUNTING INTERFACES	
Outer ring mounting	24 holes - External ring hole type Th; Dhe 13.5 mm
Inner ring mounting	24 holes - Inner ring hole type Th; Dhi 13.5 mm
GEAR INTERFACE	
Pitch system	module
Module reference	4 mm
Number of teeth	56
SOURCE TRACEABILITY	
Source document code	ROLLIX-CATALOGUE-SLEWING-RINGS-2024-07
Source file	ROLLIX.pdf
PDF page	71
Printed page	71
Source language	EN
Original unit system	Metric
PUBLISHED TECHNICAL MEDIA	

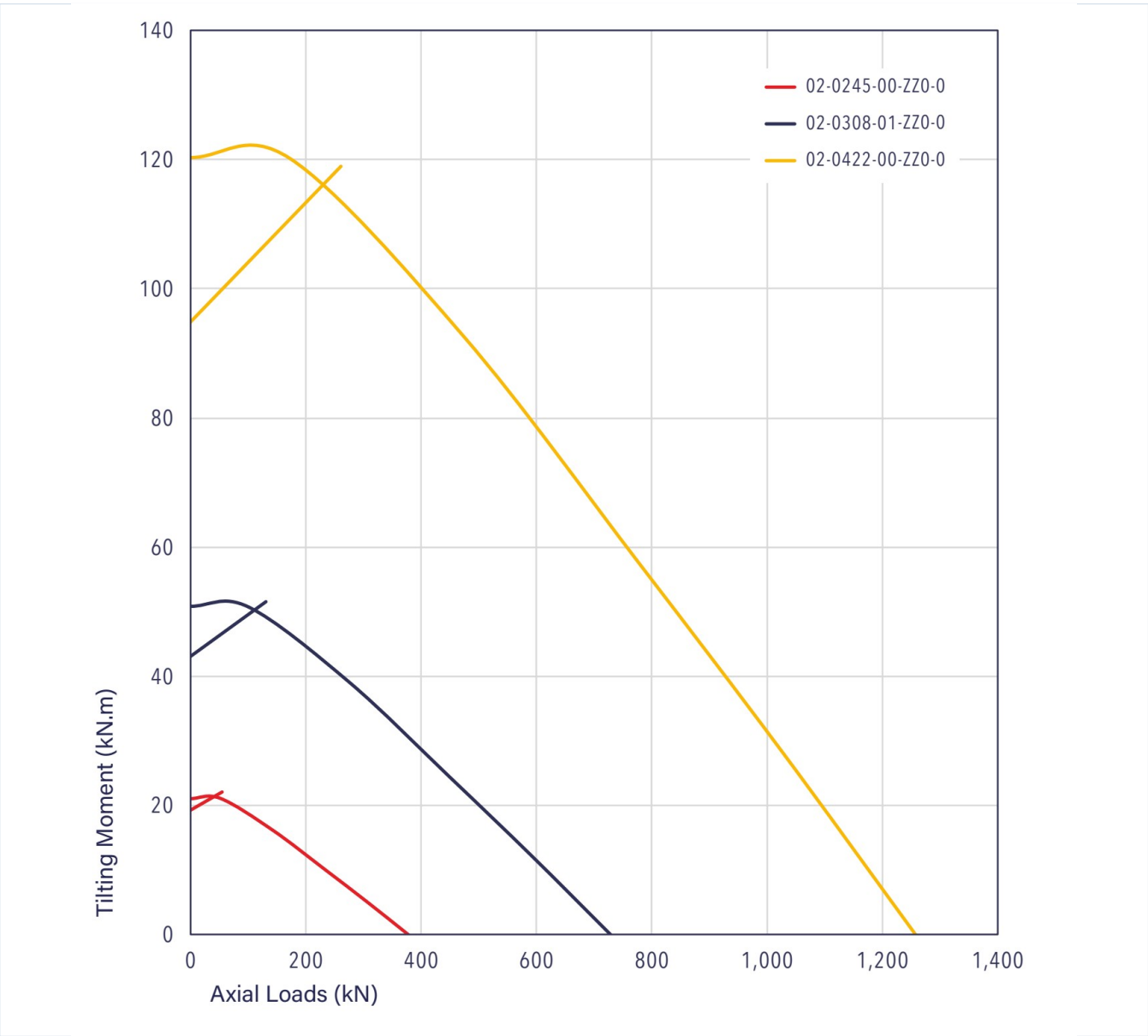
Complete Product Data

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 (CONTINUED)	
Load Curve Chart	rollix-page-071-curve.webp SHA-256: c27fda865650489f7430d262624a0112b4decb036099dc072ae99342c5cdadba
Outline Drawing	rollix-page-071-drawing.webp SHA-256: c93f1b3039c41a95751bd7bac33bb32a3af6c4926b227796bfcc7f2cbf454958

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-071-curve.webp | SHA-256: c27fda865650489f7430d262624a0112b4decb036099dc072ae99342c5cdadba

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 LWN4SG4DL72JFFB5TYSPMO7D35	SOURCE DOCUMENT ROLLIX-CATALOGUE-SLEWING-RINGS-2024-07
SOURCE FILE ROLLIX.pdf	SOURCE LOCATION PDF page 71 Printed page 71
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/02-0308-01/>

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