

Factory-Verified Replacement

MERYDOM 36-1091-01

Certified for interchange with ROLLIX 36-1091-01. 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

36-1091-01

REFERENCE

ROLLIX 36-1091-01

SERIES

36 Series

STRUCTURE

Rolamento de esferas de s rie leve

OVERALL OD

1,166 mm

OVERALL ID

1,022 mm

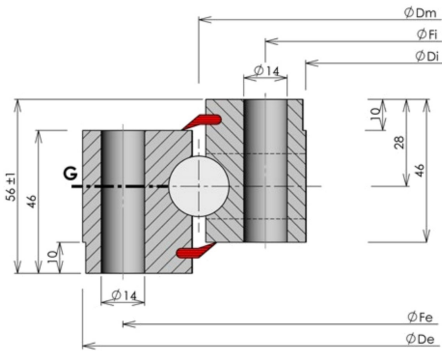
OVERALL HEIGHT

56 mm

GEAR

Sem engrenagem

Published Technical Drawing



rollix-page-096-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	36-1091-01
Certified interchangeable with	ROLLIX 36-1091-01
Verification status	Level 3 - MERYDOM Engineering Verified
Reviewed by	MERYDOM Engineering Department
Public record UID	DEWOU53C6KKPVKA5KJ4WZMIA4I
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	36 Series
Reference model	36-1091-01
Bearing structure	Rolamento de esferas de s rie leve
Gear arrangement	Sem engrenagem
DIMENSION	
Overall height (HT)	56 mm
Overall outside diameter (Dia De)	1.166 mm
Outer ring height (He)	46 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)	1.022 mm
Inner ring height (Hi)	46 mm
Assembly weight (Weight)	77 kg
MOUNTING	
Outer ring pilot diameter (Dia Ce)	1.164 mm
Inner ring pilot diameter (Dia Ci)	1.024 mm
Outer ring hole type (External ring hole type)	Th
Outer ring bolt circle (Dia Fe)	1.140 mm
Outer ring mounting-hole count (Ne)	48
Outer ring mounting-hole specification (Dhe)	14 mm
Inner ring hole type (Inner ring hole type)	Th
Inner ring bolt circle (Dia Fi)	1.048 mm
Inner ring mounting-hole count (Ni)	48
Inner ring mounting-hole specification (Dhi)	14 mm
MISCELLANEOUS	
Ring with greasing holes (Ring with greasing holes)	E
Greasing hole type (Greasing hole type)	R
MOUNTING INTERFACES	
Outer ring mounting	48 holes - External ring hole type Th; Dhe 14 mm
Inner ring mounting	48 holes - Inner ring hole type Th; Dhi 14 mm

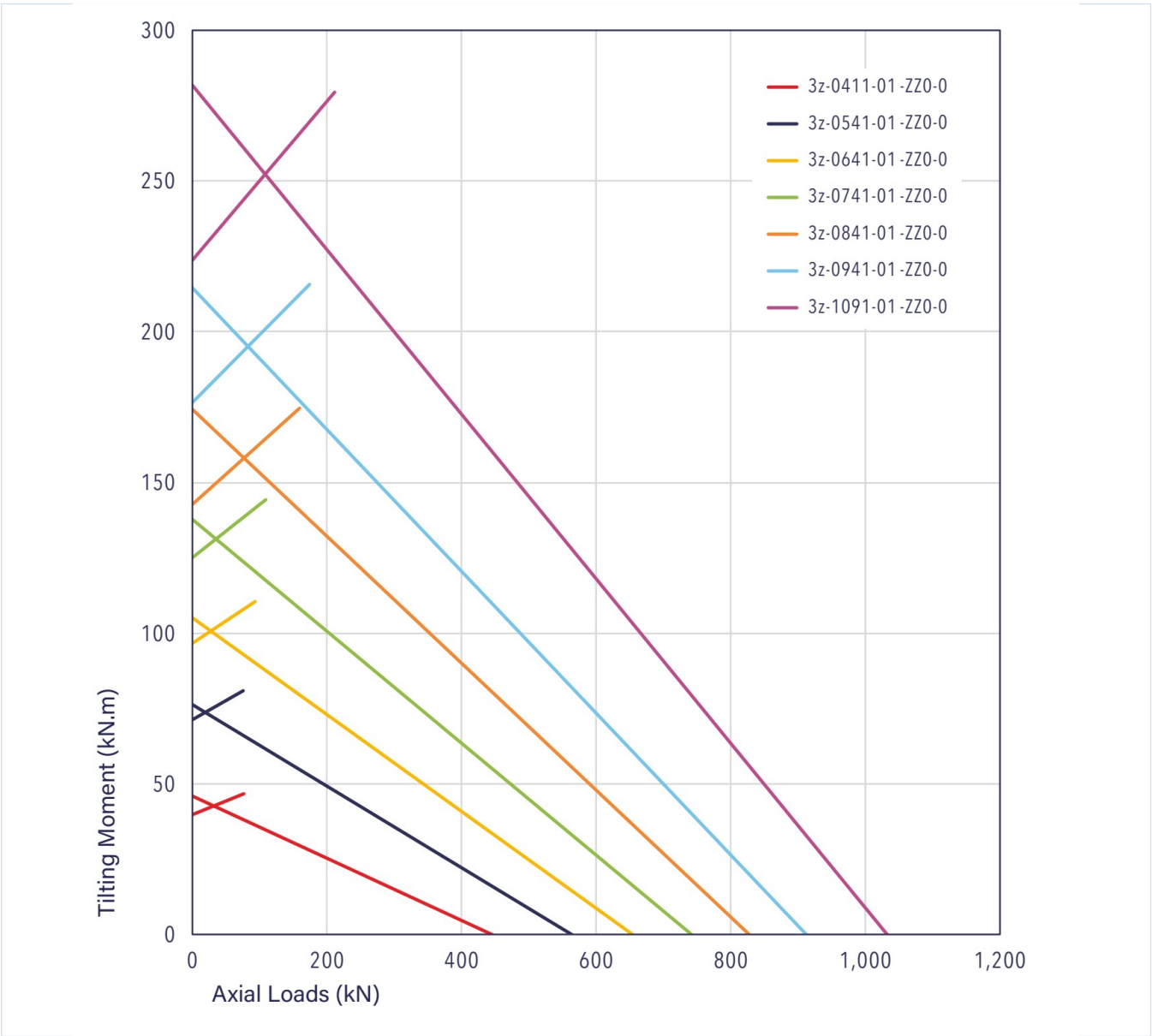
Complete Product Data

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	96
Printed page	96
Source language	EN
Original unit system	Metric
PUBLISHED TECHNICAL MEDIA	
Load Curve Chart	rollix-page-096-curve.webp SHA-256: 5e5240f760cb5c801d12551d7003e56d9c69f99ccea1fd7b363a86ed4d516ac5
Outline Drawing	rollix-page-096-drawing.webp SHA-256: 0ddf30262a6dc23c14e8d3fd3255d4839d9b54a35b24130b0652e87b4f212e36

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-096-curve.webp | SHA-256: 5e5240f760cb5c801d12551d7003e56d9c69f99ccea1fd7b363a86ed4d516ac5

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 DEWOU53C6KKPVKA5KJ4WZMIA4I	SOURCE DOCUMENT ROLLIX-CATALOGUE-SLEWING-RINGS-2024-07
SOURCE FILE ROLLIX.pdf	SOURCE LOCATION PDF page 96 Printed page 96
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/36-1091-01/>

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