

Factory-Verified Replacement

MERYDOM 08-0405-05

Certified for interchange with ROLLIX 08-0405-05. 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

08-0405-05

REFERENCE

ROLLIX 08-0405-05

SERIES

08 Series

STRUCTURE

Rolos cruzados de uma carreira

OVERALL OD

474 mm

OVERALL ID

336 mm

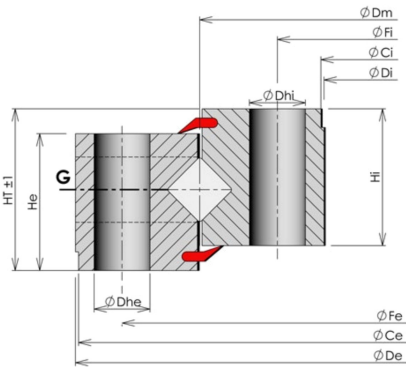
OVERALL HEIGHT

46 mm

GEAR

Sem engrenagem

Published Technical Drawing



rollix-page-108-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	08-0405-05
Certified interchangeable with	ROLLIX 08-0405-05
Verification status	Level 3 - MERYDOM Engineering Verified
Reviewed by	MERYDOM Engineering Department
Public record UID	O75WZH2XJ5BDOJT4QD3KPCOLDO
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	08 Series
Reference model	08-0405-05
Bearing structure	Rolos cruzados de uma carreira
Gear arrangement	Sem engrenagem
DIMENSION	
Overall height (HT)	46 mm
Overall outside diameter (Dia De)	474 mm
Outer ring height (He)	41 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)	336 mm
Inner ring height (Hi)	41 mm
Assembly weight (Weight)	24 kg
MOUNTING	
Outer ring pilot diameter (Dia Ce)	474 mm
Inner ring pilot diameter (Dia Ci)	336 mm
Outer ring hole type (External ring hole type)	Th
Outer ring bolt circle (Dia Fe)	450 mm
Outer ring mounting-hole count (Ne)	30
Outer ring mounting-hole specification (Dhe)	14 mm
Inner ring hole type (Inner ring hole type)	Th
Inner ring bolt circle (Dia Fi)	360 mm
Inner ring mounting-hole count (Ni)	30
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	30 holes - External ring hole type Th; Dhe 14 mm
Inner ring mounting	30 holes - Inner ring hole type Th; Dhi 14 mm

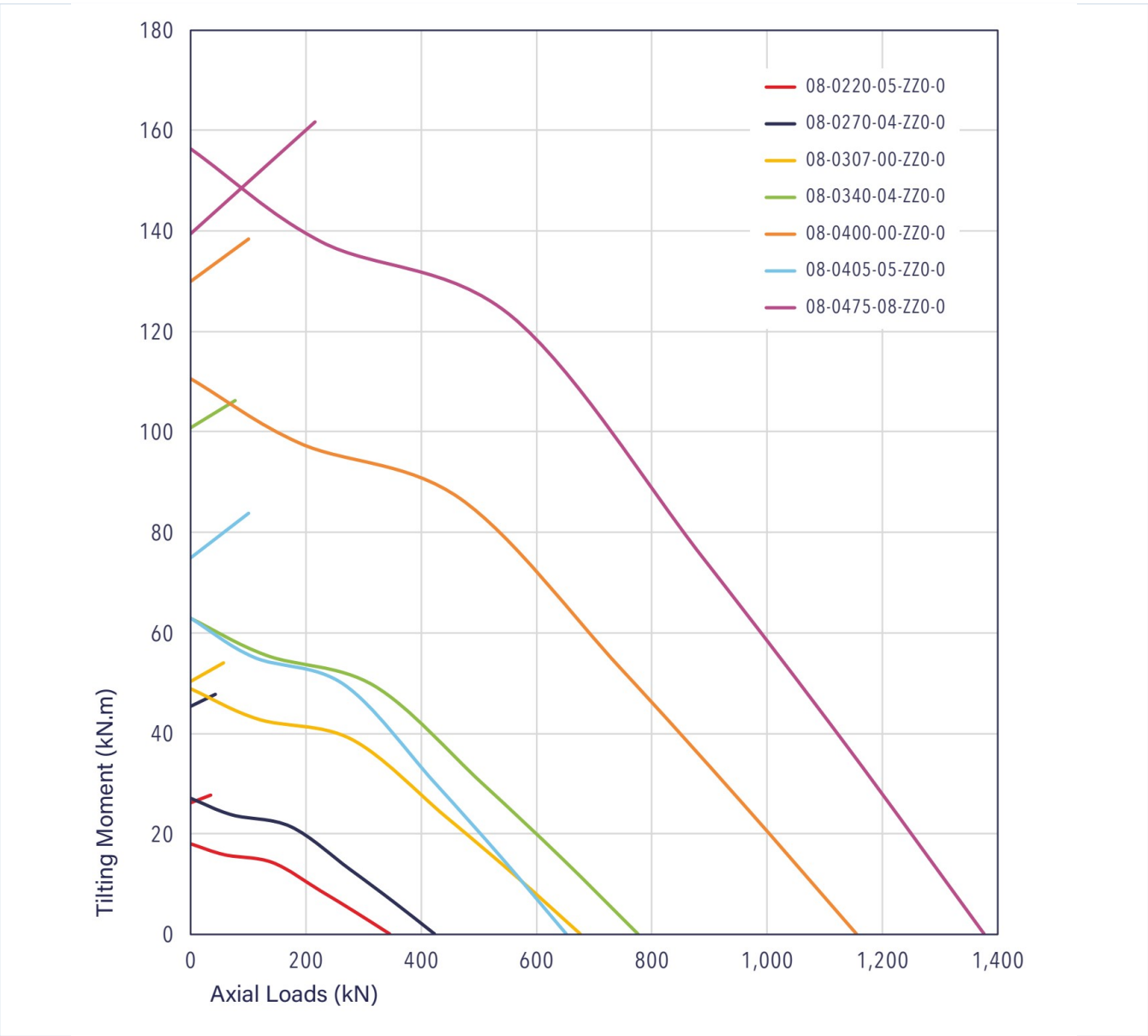
Complete Product Data

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	108
Printed page	108
Source language	EN
Original unit system	Metric
PUBLISHED TECHNICAL MEDIA	
Load Curve Chart	rollix-page-108-curve.webp SHA-256: ad043c008f0e70513e8d208f6ec652f82c74a481f2d587fd7b53e1802879f375
Outline Drawing	rollix-page-108-drawing.webp SHA-256: f7e1205a7f4f0a671a2a141973e0dd903a08e1e3e930dcc91d1260191c7512e5

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-108-curve.webp | SHA-256: ad043c008f0e70513e8d208f6ec652f82c74a481f2d587fd7b53e1802879f375

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 O75WZH2XJ5BDOJT4QD3KPCOLDO	SOURCE DOCUMENT ROLLIX-CATALOGUE-SLEWING-RINGS-2024-07
SOURCE FILE ROLLIX.pdf	SOURCE LOCATION PDF page 108 Printed page 108
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/08-0405-05/>

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