Factory-Verified Replacement

MERYDOM 06-4000-00

Certified for interchange with ROLLIX 06-4000-00. 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
06-4000-00

REFERENCE
ROLLIX 06-4000-00

SERIES
06 Series

STRUCTURE
Rolos cruzados de uma carreira

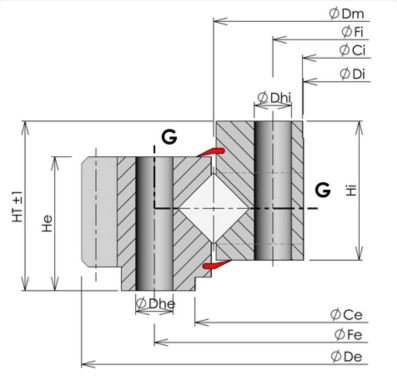
OVERALL OD
4,316 mm

OVERALL ID
3,766 mm

OVERALL HEIGHT
195 mm

GEAR
Engrenagem externa

Published Technical Drawing



rollix-page-103-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	06-4000-00
Certified interchangeable with	ROLLIX 06-4000-00
Verification status	Level 3 - MERYDOM Engineering Verified
Reviewed by	MERYDOM Engineering Department
Public record UID	65XWUSYSFUKCGZ2TMJCIV4IMD2
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	06 Series
Reference model	06-4000-00
Bearing structure	Rolos cruzados de uma carreira
Gear arrangement	Engrenagem externa
DIMENSION	
Overall height (HT)	195 mm
Overall outside diameter (Dia De)	4.316 mm
Outer ring height (He)	180 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)	3.766 mm
Inner ring height (Hi)	165 mm
Assembly weight (Weight)	3.902 kg
MOUNTING	
Outer ring pilot diameter (Dia Ce)	4.140 mm
Inner ring pilot diameter (Dia Ci)	3.770 mm
Outer ring hole type (External ring hole type)	Th
Outer ring bolt circle (Dia Fe)	4.140 mm
Outer ring mounting-hole count (Ne)	120
Outer ring mounting-hole specification (Dhe)	39 mm
Inner ring hole type (Inner ring hole type)	Th
Inner ring bolt circle (Dia Fi)	3.860 mm
Inner ring mounting-hole count (Ni)	120
Inner ring mounting-hole specification (Dhi)	39 mm
GEAR	
Gear module (Module)	20 mm
Gear tooth count (Z)	213
Gear face width (W)	180 mm
PERFORMANCE	
Gear capacity, unhardened (Gear capacity unhardened)	718 kN

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PERFORMANCE (CONTINUED)	
Gear capacity, hardened (Gear capacity hardened)	835 kN
MISCELLANEOUS	
Ring with greasing holes (Ring with greasing holes)	I
Greasing hole type (Greasing hole type)	R
PERFORMANCE RATINGS	
Rating Gear Capacity Hardened	835 kN | Not simultaneous with other listed dynamic ratings
Rating Gear Capacity Unhardened	718 kN | Not simultaneous with other listed dynamic ratings
MOUNTING INTERFACES	
Outer ring mounting	120 holes - External ring hole type Th; Dhe 39 mm
Inner ring mounting	120 holes - Inner ring hole type Th; Dhi 39 mm
GEAR INTERFACE	
Pitch system	module
Module reference	20 mm
Number of teeth	213
SOURCE TRACEABILITY	
Source document code	ROLLIX-CATALOGUE-SLEWING-RINGS-2024-07
Source file	ROLLIX.pdf
PDF page	103
Printed page	103
Source language	EN

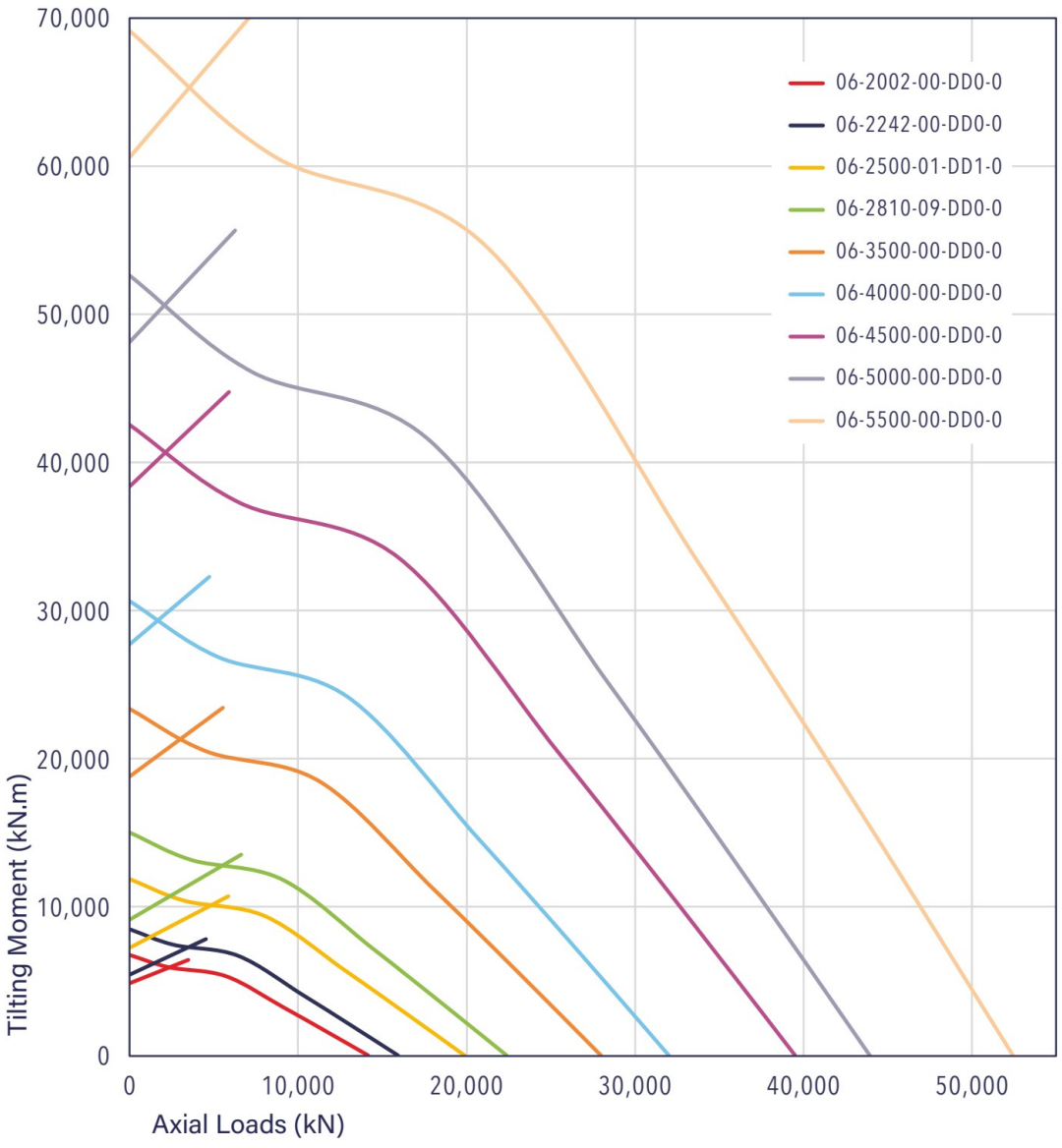
Complete Product Data

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 (CONTINUED)	
Original unit system	Metric
PUBLISHED TECHNICAL MEDIA	
Load Curve Chart	rollix-page-103-curve.webp | SHA-256: 11762ccf3814c0d7b985627797dc2ae88086c07b96639b1337131d1fb55cbf1a
Outline Drawing	rollix-page-103-drawing.webp | SHA-256: a5736d9cad0fde539f2570119068ca06caaaaedd1bc75c37763ca7927829b61f

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-103-curve.webp | SHA-256: 11762ccf3814c0d7b985627797dc2ae88086c07b96639b1337131d1fb55cbf1a

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

65XWUSYSFUKCGZ2TMJCIV4IMD2

SOURCE DOCUMENT

ROLLIX-CATALOGUE-SLEWING-RINGS-2024-07

SOURCE FILE

ROLLIX.pdf

SOURCE LOCATION

PDF page 103 | Printed page 103

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/06-4000-00/