

MERYDOM 06-0400-00

Reviewed by MERYDOM Engineering Department. Final application approval must confirm loads, duty cycle, mounting rigidity, bolt capacity, lubrication and operating conditions.

External gear

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	06-0400-00
Certified interchangeable with	ROLLIX 06-0400-00
Verification status	Level 3 - MERYDOM Engineering Verified
Reviewed by	MERYDOM Engineering Department
Public record UID	TLDMMX6VZKGRAS2XGMXFMDFMV7
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	06-0400-00
Bearing structure	Single-row crossed roller
Gear arrangement	External gear
DIMENSION	
Overall height (HT)	75 mm
Overall outside diameter (Dia De)	535 mm
Outer ring height (He)	63 mm

Complete Product Data

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DIMENSION (CONTINUED)	
Overall inside diameter (Dia Di)	305 mm
Inner ring height (Hi)	63 mm
Assembly weight (Weight)	59 kg
MOUNTING	
Outer ring pilot diameter (Dia Ce)	495 mm
Inner ring pilot diameter (Dia Ci)	306 mm
Outer ring hole type (External ring hole type)	Th
Outer ring bolt circle (Dia Fe)	466 mm
Outer ring mounting-hole count (Ne)	18
Outer ring mounting-hole specification (Dhe)	20 mm
Inner ring hole type (Inner ring hole type)	Th
Inner ring bolt circle (Dia Fi)	336 mm
Inner ring mounting-hole count (Ni)	18
Inner ring mounting-hole specification (Dhi)	20 mm
GEAR	
Gear module (Module)	8 mm
Gear tooth count (Z)	65
Gear face width (W)	55 mm
PERFORMANCE	
Gear capacity, unhardened (Gear capacity unhardened)	62 kN

Complete Product Data

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PERFORMANCE (CONTINUED)	
Gear capacity, hardened (Gear capacity hardened)	82 kN
MISCELLANEOUS	
Ring with greasing holes (Ring with greasing holes)	I
Greasing hole type (Greasing hole type)	R
PERFORMANCE RATINGS	
Rating Gear Capacity Hardened	82 kN Not simultaneous with other listed dynamic ratings
Rating Gear Capacity Unhardened	62 kN Not simultaneous with other listed dynamic ratings
MOUNTING INTERFACES	
Outer ring mounting	18 holes - External ring hole type Th; Dhe 20 mm
Inner ring mounting	18 holes - Inner ring hole type Th; Dhi 20 mm
GEAR INTERFACE	
Pitch system	module
Module reference	8 mm
Number of teeth	65
SOURCE TRACEABILITY	
Source document code	ROLLIX-CATALOGUE-SLEWING-RINGS-2024-07
Source file	ROLLIX.pdf
PDF page	100
Printed page	100
Source language	EN
Original unit system	Metric

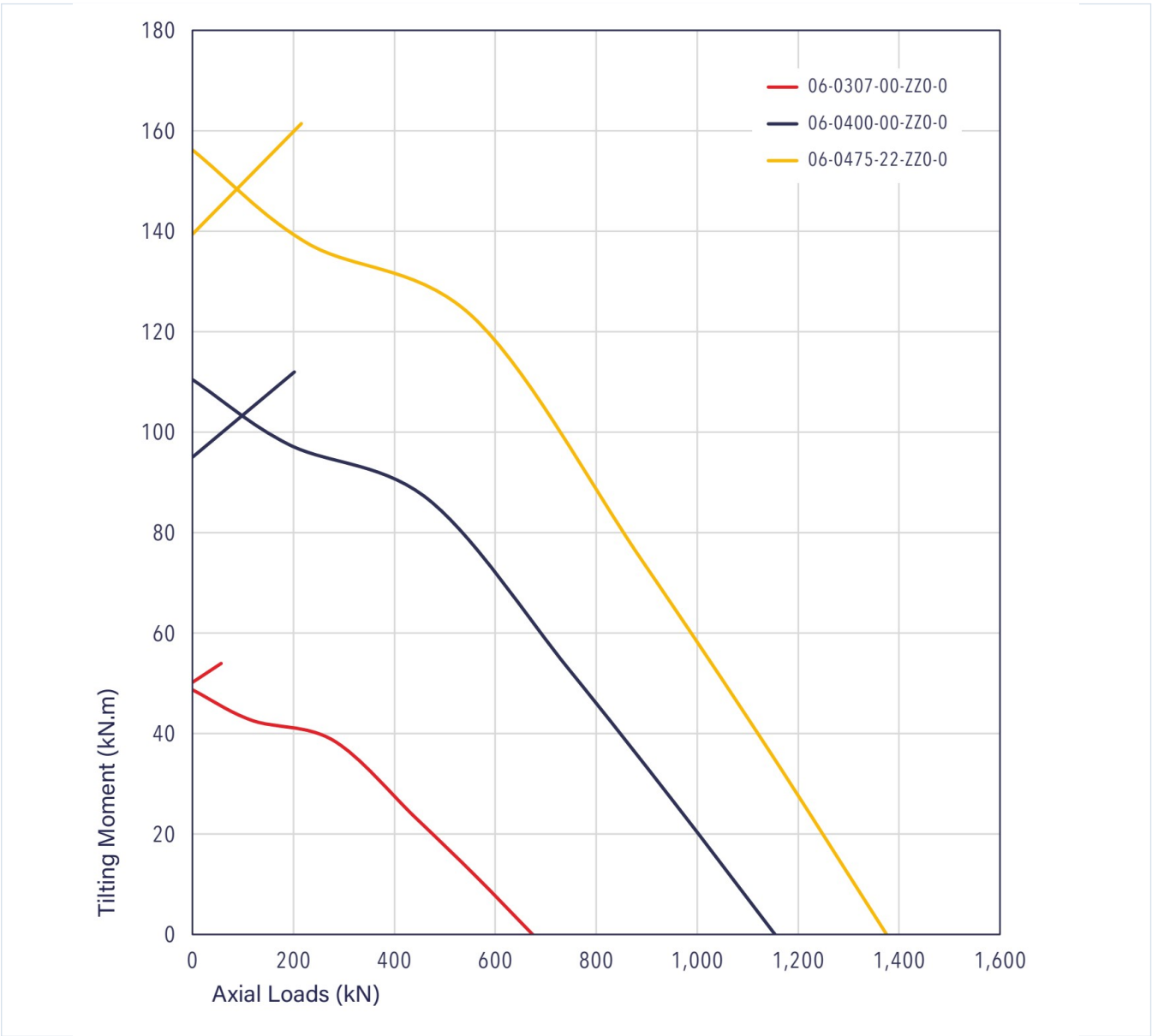
Complete Product Data

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PUBLISHED TECHNICAL MEDIA	
Load Curve Chart	rollix-page-100-curve.webp SHA-256: 319df8bede60c91a7e38fd2c740dc71e3f5a6defca451e7d83a7fe6031754d5c
Outline Drawing	rollix-page-100-drawing.webp SHA-256: a5736d9cad0fde539f2570119068ca06caaaedd1bc75c37763ca7927829b61f

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-100-curve.webp | SHA-256: 319df8bede60c91a7e38fd2c740dc71e3f5a6defca451e7d83a7fe6031754d5c

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 TLDMMX6VZKGRAS2XGMXFMDFMV7	SOURCE DOCUMENT ROLLIX-CATALOGUE-SLEWING-RINGS-2024-07
SOURCE FILE ROLLIX.pdf	SOURCE LOCATION PDF page 100 Printed page 100
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

Email: jovi@merydom.com | Email: andi@merydom.com | WhatsApp: +86 17705201170

Product page: <https://rotnex.com/products/slewing-bearing-replacements/rollix/06-0400-00/>

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