

Factory-Verified Replacement

MERYDOM 88-0535-60

Certified for interchange with ROLLIX 88-0535-60. 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

88-0535-60

SERIES

88 Series

OVERALL OD

mm

OVERALL HEIGHT

70 mm

REFERENCE

ROLLIX 88-0535-60

STRUCTURE

Precision roller bearing

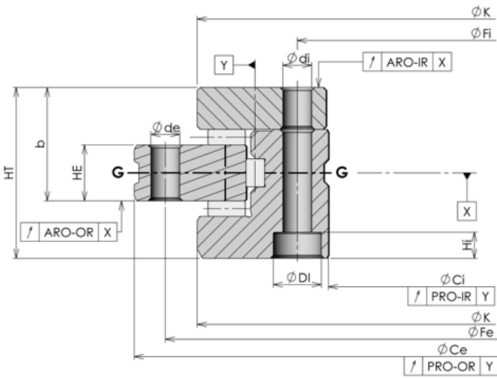
OVERALL ID

mm

GEAR

Ungeared

Published Technical Drawing



rollix-page-128-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	88-0535-60
Certified interchangeable with	ROLLIX 88-0535-60
Verification status	Level 3 - MERYDOM Engineering Verified
Reviewed by	MERYDOM Engineering Department
Public record UID	5A57OGJRJ7WNK5IEPHKHLJZF4W
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	88 Series
Reference model	88-0535-60
Bearing structure	Precision roller bearing
Gear arrangement	Ungeared
DIMENSION	
Raceway diameter (Dia Dm)	535 mm
Catalog dimension K (K)	560 mm
Overall height (HT)	70 mm

Complete Product Data

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DIMENSION (CONTINUED)	
Outer ring height (He)	22 mm
Catalog width b (b)	46 mm
Assembly weight (Weight)	45 kg
MOUNTING	
Outer ring pilot diameter (Dia Ce)	600 mm
Inner ring pilot diameter (Dia Ci)	460 mm
Outer ring bolt circle (Fe)	580 mm
Outer mounting diameter de (de)	9 mm
Outer ring mounting-hole count (Ne*)	45
Inner ring bolt circle (Fi)	482 mm
Catalog mounting diameter Di (Di)	15 mm
Inner mounting diameter di (di)	9 mm
Inner ring mounting-hole count (Ni*)	46
PERFORMANCE	
Outer ring axial run-out (BE (ARO))	6 um
Inner ring axial run-out (BI (ARO))	6 um
Outer ring radial run-out (BE (RRO))	6 um
Inner ring radial run-out (BI (RRO))	6 um
Maximum unloaded starting torque (Maximum starting torque)	70 Nm

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PERFORMANCE (CONTINUED)	
Maximum allowable rotation speed (Maximum allowable speed)	93 rpm
PERFORMANCE RATINGS	
Rating Starting Torque Max	70 Nm Not simultaneous with other listed dynamic ratings
Axial Runout Outer	6 um Not simultaneous with other listed dynamic ratings
Axial Runout Inner	6 um Not simultaneous with other listed dynamic ratings
Rating Speed Max	93 rpm Not simultaneous with other listed dynamic ratings
Radial Runout Outer	6 um Not simultaneous with other listed dynamic ratings
Radial Runout Inner	6 um Not simultaneous with other listed dynamic ratings
MOUNTING INTERFACES	
Outer ring mounting	45 holes - de 9 mm
Inner ring mounting	46 holes - Di 15 mm; di 9 mm
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	128
Printed page	128
Source language	EN
Original unit system	Metric

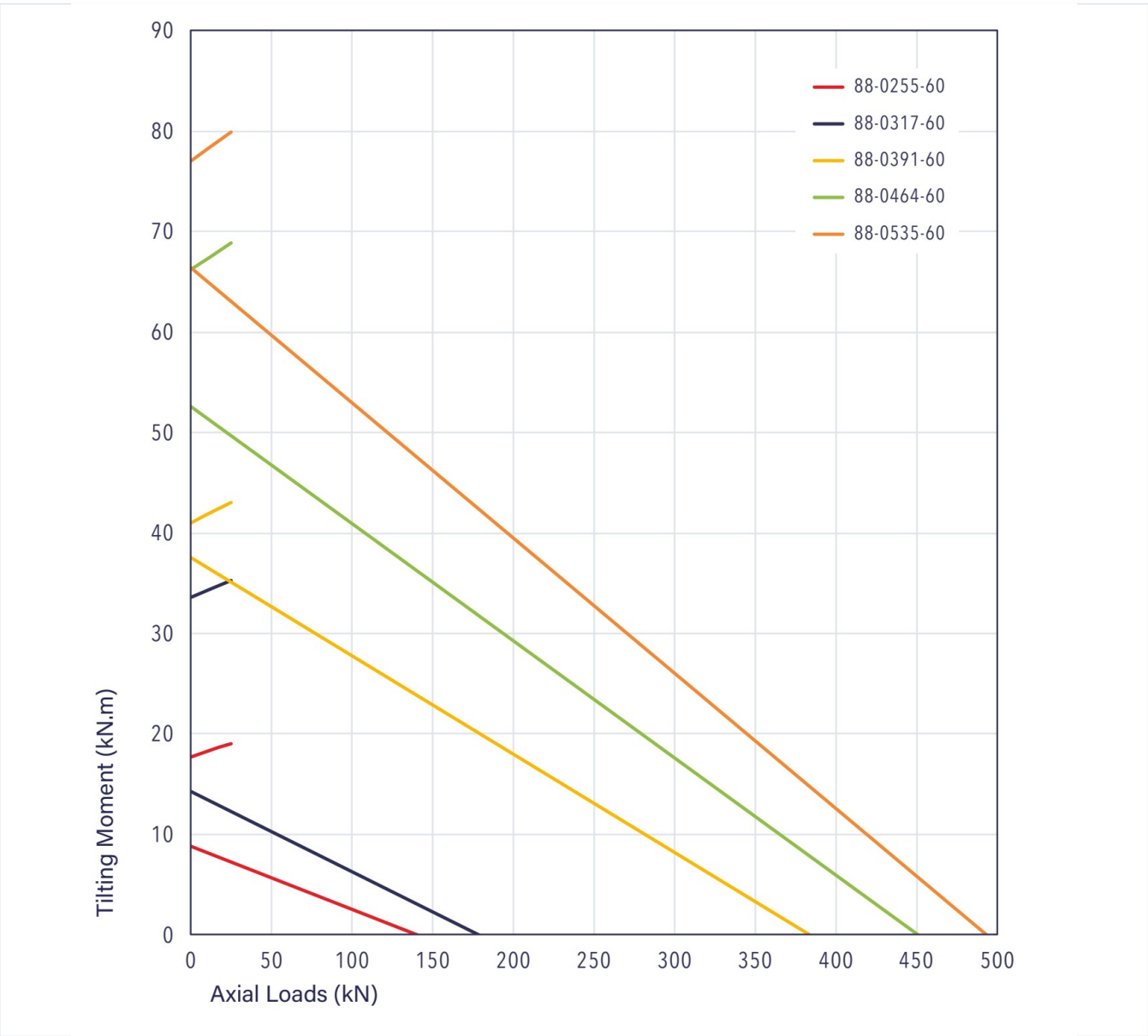
Complete Product Data

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PUBLISHED TECHNICAL MEDIA	
Load Curve Chart	rollix-page-128-curve.webp SHA-256: 0cff9c00f21998018a9fa975aff2c31e135c5735436e4a80887c29a3b2d98f4b
Outline Drawing	rollix-page-128-drawing.webp SHA-256: 0c4833bcdadef31a26777a22e7bf154c3e2bf553c7299b1581a78f6ba65a8b4

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.



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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 5A57OGJRJ7WNK5IEPHKHLJZF4W	SOURCE DOCUMENT ROLLIX-CATALOGUE-SLEWING-RINGS-2024-07
SOURCE FILE ROLLIX.pdf	SOURCE LOCATION PDF page 128 Printed page 128
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/products/slewing-bearing-replacements/rollix/88-0535-60/>

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