Factory-Verified Replacement

MERYDOM 88-1245-00

Certified for interchange with ROLLIX 88-1245-00. 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
88-1245-00

REFERENCE
ROLLIX 88-1245-00

SERIES
88 Series

STRUCTURE
Precision roller bearing

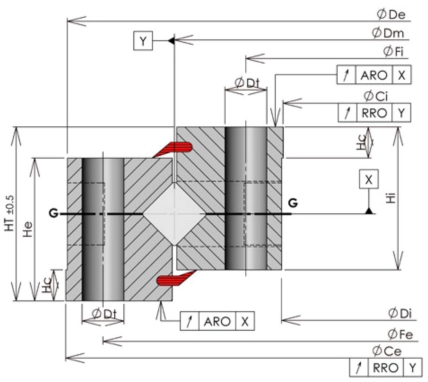
OVERALL OD
1,355 mm

OVERALL ID
1,135 mm

OVERALL HEIGHT
75 mm

GEAR
Ungeared

Published Technical Drawing



rollix-page-127-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	88-1245-00
Certified interchangeable with	ROLLIX 88-1245-00
Verification status	Level 3 - MERYDOM Engineering Verified
Reviewed by	MERYDOM Engineering Department
Public record UID	MBIJIQNOWO32OBKRENC7HFY7BA
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	88-1245-00
Bearing structure	Precision roller bearing
Gear arrangement	Ungeared
DIMENSION	
Overall outside diameter (Dia De)	1,355 mm
Overall inside diameter (Dia Di)	1,135 mm
Overall height (HT)	75 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)	
Outer ring height (He)	65 mm
Inner ring height (Hi)	65 mm
Assembly weight (Weight)	199 kg
MOUNTING	
Outer ring pilot diameter (Dia Ce)	1,356 mm
Inner ring pilot diameter (Dia Ci)	1,134 mm
Pilot height (Hc)	10 mm
Common mounting-hole diameter (Dt)	17 mm
Outer ring bolt circle (Fe)	1,305 mm
Outer ring mounting-hole count (Ne*)	60
Inner ring bolt circle (Fi)	1,185 mm
Inner ring mounting-hole count (Ni*)	60
PERFORMANCE	
Outer ring axial run-out (BE (ARO))	30 um
Inner ring axial run-out (BI (ARO))	30 um
Outer ring radial run-out (BE (RRO))	30 um
Inner ring radial run-out (BI (RRO))	30 um
Maximum unloaded starting torque (Maximum starting torque)	275 Nm
Maximum allowable rotation speed (Maximum allowable speed)	32 rpm

Complete Product Data

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PERFORMANCE RATINGS	
Rating Starting Torque Max	275 Nm | Not simultaneous with other listed dynamic ratings
Axial Runout Outer	30 um | Not simultaneous with other listed dynamic ratings
Axial Runout Inner	30 um | Not simultaneous with other listed dynamic ratings
Rating Speed Max	32 rpm | Not simultaneous with other listed dynamic ratings
Radial Runout Outer	30 um | Not simultaneous with other listed dynamic ratings
Radial Runout Inner	30 um | Not simultaneous with other listed dynamic ratings
MOUNTING INTERFACES	
Outer ring mounting	60 holes - Dt 17 mm
Inner ring mounting	60 holes - Dt 17 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	127
Printed page	127
Source language	EN
Original unit system	Metric
PUBLISHED TECHNICAL MEDIA	
Load Curve Chart	rollix-page-127-curve.webp | SHA-256: cbe253c65900070554aba91b37f3fbb1a069600d07d430c24e340e8edc9d403c

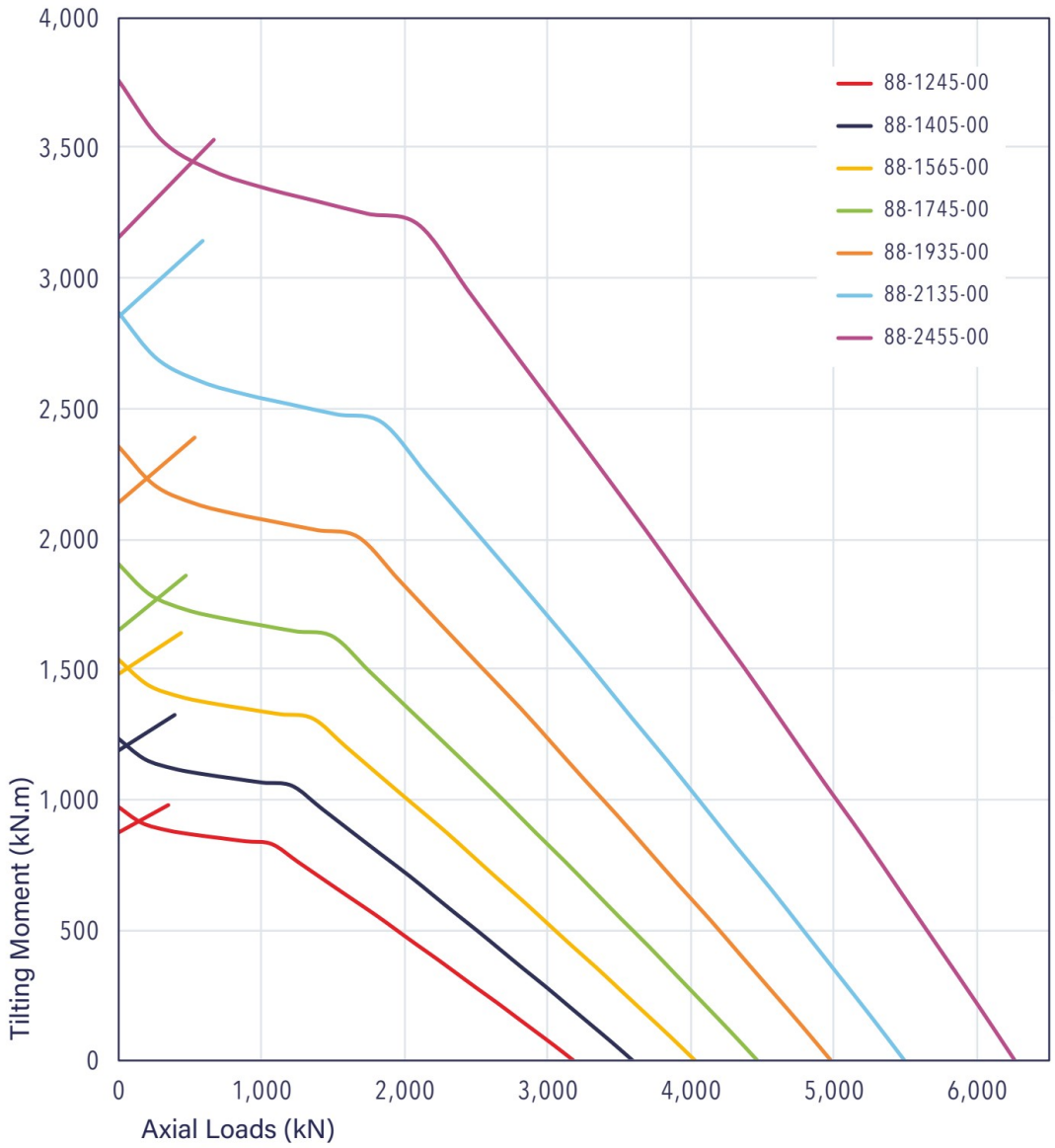
Complete Product Data

All values below are generated from the current public verified replacement record. Source values are retained and metric references are shown where available.

PUBLISHED TECHNICAL MEDIA (CONTINUED)	
Outline Drawing	rollix-page-127-drawing.webp | SHA-256: 0470e6d7affb6197e43b287facee78161cbd0a3edbd6c3e6d4908aeee2644a69

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-127-curve.webp | SHA-256: cbe253c65900070554aba91b37f3fbb1a069600d07d430c24e340e8edc9d403c

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

MBIJIQNOWO32OBKRENC7HFY7BA

SOURCE DOCUMENT

ROLLIX-CATALOGUE-SLEWING-RINGS-2024-07

SOURCE FILE

ROLLIX.pdf

SOURCE LOCATION

PDF page 127 | Printed page 127

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/88-1245-00/

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