

Factory-Verified Replacement

MERYDOM 08-1830-01

Certified for interchange with ROLLIX 08-1830-01. 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

08-1830-01

REFERENCE

ROLLIX 08-1830-01

SERIES

08 Series

STRUCTURE

Single-row crossed roller

OVERALL OD

2,002 mm

OVERALL ID

1,650 mm

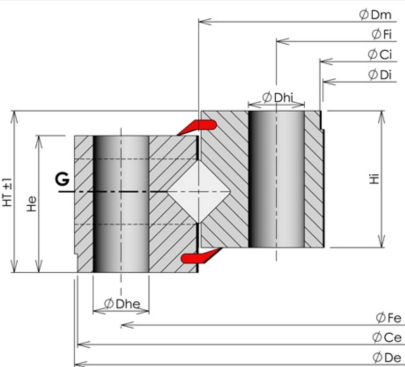
OVERALL HEIGHT

150 mm

GEAR

Ungeared

Published Technical Drawing



rollix-page-110-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	08-1830-01
Certified interchangeable with	ROLLIX 08-1830-01
Verification status	Level 3 - MERYDOM Engineering Verified
Reviewed by	MERYDOM Engineering Department
Public record UID	VGS4UWWWE2WSIUICDOQIYXVY3H
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	08-1830-01
Bearing structure	Single-row crossed roller
Gear arrangement	Ungeared
DIMENSION	
Overall height (HT)	150 mm
Overall outside diameter (Dia De)	2,002 mm
Outer ring height (He)	125 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)	1,650 mm
Inner ring height (Hi)	125 mm
Assembly weight (Weight)	876 kg
MOUNTING	
Outer ring pilot diameter (Dia Ce)	2,000 mm
Inner ring pilot diameter (Dia Ci)	1,665 mm
Outer ring hole type (External ring hole type)	Th
Outer ring bolt circle (Dia Fe)	1,940 mm
Outer ring mounting-hole count (Ne)	54
Outer ring mounting-hole specification (Dhe)	30 mm
Inner ring hole type (Inner ring hole type)	Th
Inner ring bolt circle (Dia Fi)	1,720 mm
Inner ring mounting-hole count (Ni)	54
Inner ring mounting-hole specification (Dhi)	30 mm
MISCELLANEOUS	
Ring with greasing holes (Ring with greasing holes)	E
Greasing hole type (Greasing hole type)	R
MOUNTING INTERFACES	
Outer ring mounting	54 holes - External ring hole type Th; Dhe 30 mm
Inner ring mounting	54 holes - Inner ring hole type Th; Dhi 30 mm

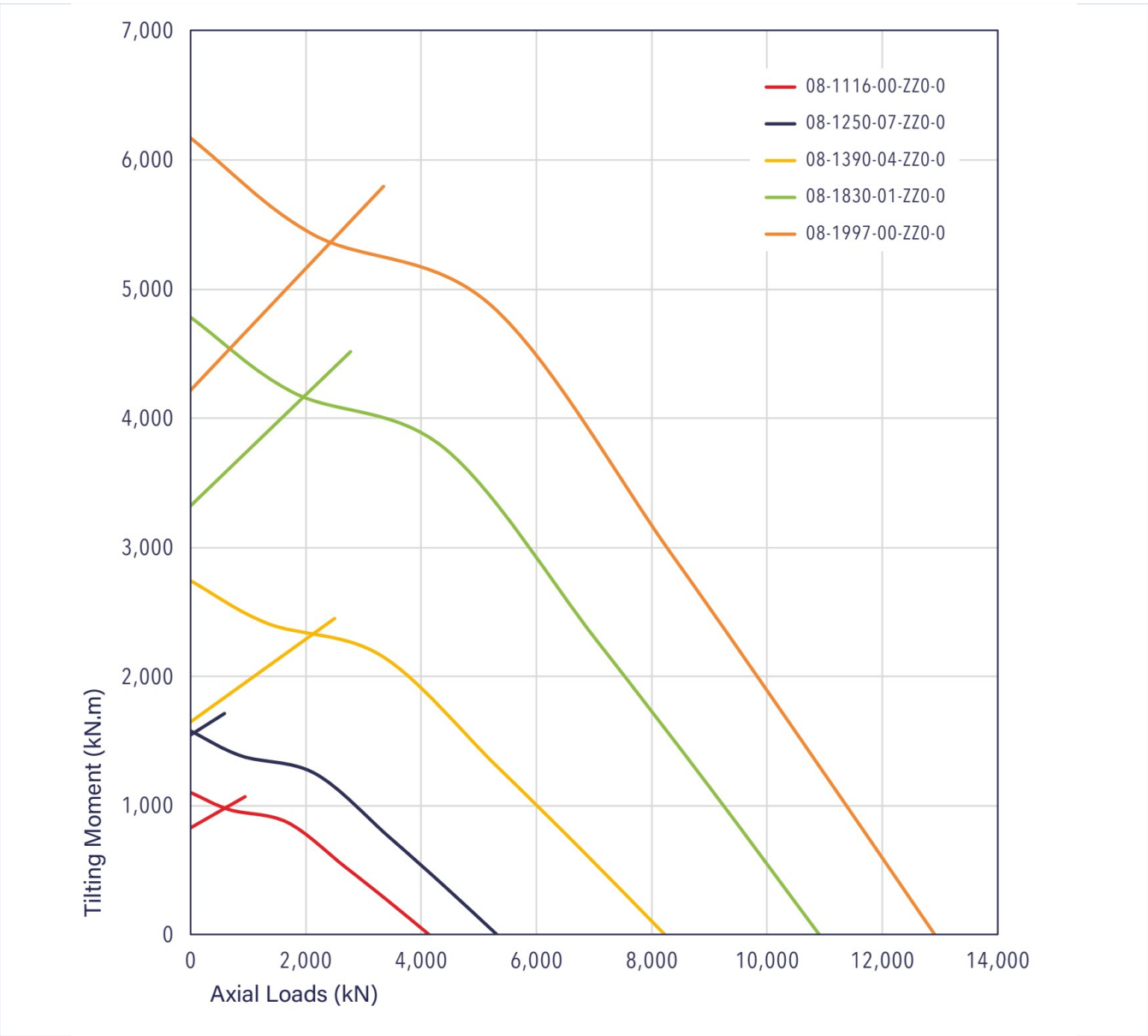
Complete Product Data

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	110
Printed page	110
Source language	EN
Original unit system	Metric
PUBLISHED TECHNICAL MEDIA	
Load Curve Chart	rollix-page-110-curve.webp SHA-256: 20475a73907078e6f1bd39f8bdaa5ec1b82177076b960d8d8de3f099b9bf55fd
Outline Drawing	rollix-page-110-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-110-curve.webp | SHA-256: 20475a73907078e6f1bd39f8bdaa5ec1b82177076b960d8d8de3f099b9bf55fd

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 VGS4UWWWE2WSIUCDOQIYXVY3H	SOURCE DOCUMENT ROLLIX-CATALOGUE-SLEWING-RINGS-2024-07
SOURCE FILE ROLLIX.pdf	SOURCE LOCATION PDF page 110 Printed page 110
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/08-1830-01/>

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