

Factory-Verified Replacement

MERYDOM 08-2810-03

Certified for interchange with ROLLIX 08-2810-03. 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

08-2810-03

SERIES

08 Series

OVERALL OD

3,030 mm

OVERALL HEIGHT

164 mm

REFERENCE

ROLLIX 08-2810-03

STRUCTURE

Rulli incrociati a una corona

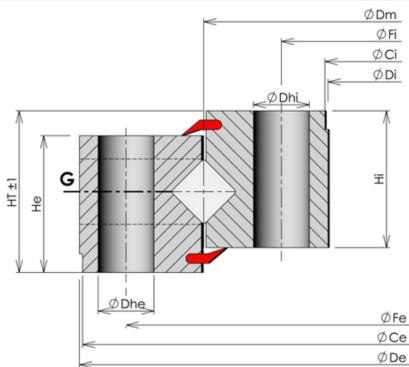
OVERALL ID

2,600 mm

GEAR

Senza dentatura

Published Technical Drawing



rollix-page-111-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	08-2810-03
Certified interchangeable with	ROLLIX 08-2810-03
Verification status	Level 3 - MERYDOM Engineering Verified
Reviewed by	MERYDOM Engineering Department
Public record UID	REBTRMGHJSUQ6U5PRZLOL3FX2W
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	08-2810-03
Bearing structure	Rulli incrociati a una corona
Gear arrangement	Senza dentatura
DIMENSION	
Overall height (HT)	164 mm
Overall outside diameter (Dia De)	3.030 mm
Outer ring height (He)	148 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)	2.600 mm
Inner ring height (Hi)	142 mm
Assembly weight (Weight)	1.930 kg
MOUNTING	
Outer ring pilot diameter (Dia Ce)	2.818 mm
Inner ring pilot diameter (Dia Ci)	2.607 mm
Outer ring hole type (External ring hole type)	Th
Outer ring bolt circle (Dia Fe)	2.950 mm
Outer ring mounting-hole count (Ne)	80
Outer ring mounting-hole specification (Dhe)	33 mm
Inner ring hole type (Inner ring hole type)	Th
Inner ring bolt circle (Dia Fi)	2.670 mm
Inner ring mounting-hole count (Ni)	80
Inner ring mounting-hole specification (Dhi)	33 mm
MISCELLANEOUS	
Ring with greasing holes (Ring with greasing holes)	I
Greasing hole type (Greasing hole type)	R
MOUNTING INTERFACES	
Outer ring mounting	80 holes - External ring hole type Th; Dhe 33 mm
Inner ring mounting	80 holes - Inner ring hole type Th; Dhi 33 mm

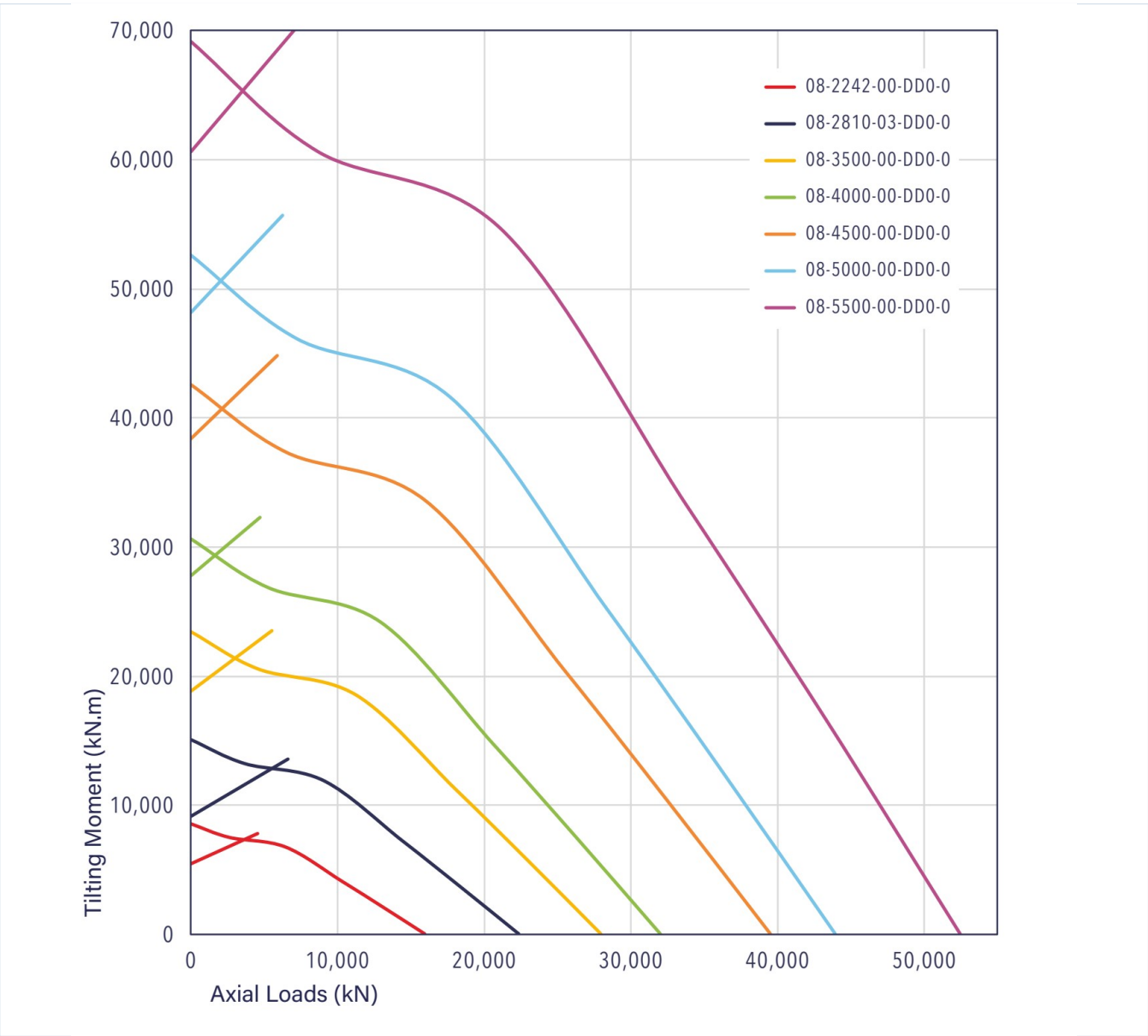
Complete Product Data

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	111
Printed page	111
Source language	EN
Original unit system	Metric
PUBLISHED TECHNICAL MEDIA	
Load Curve Chart	rollix-page-111-curve.webp SHA-256: d19df35741c71760d892ab84d2a7d46e5f9dae077c971061b94c7435f212e03b
Outline Drawing	rollix-page-111-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-111-curve.webp | SHA-256: d19df35741c71760d892ab84d2a7d46e5f9dae077c971061b94c7435f212e03b

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 REBTRMGHJSUQ6U5PRZLOL3FX2W	SOURCE DOCUMENT ROLLIX-CATALOGUE-SLEWING-RINGS-2024-07
SOURCE FILE ROLLIX.pdf	SOURCE LOCATION PDF page 111 Printed page 111
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/it/prodotti/cuscinetti-di-rotazione-sostitutivi/rollix/08-2810-03/>

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