

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  
**Rulli incrociati a una corona**

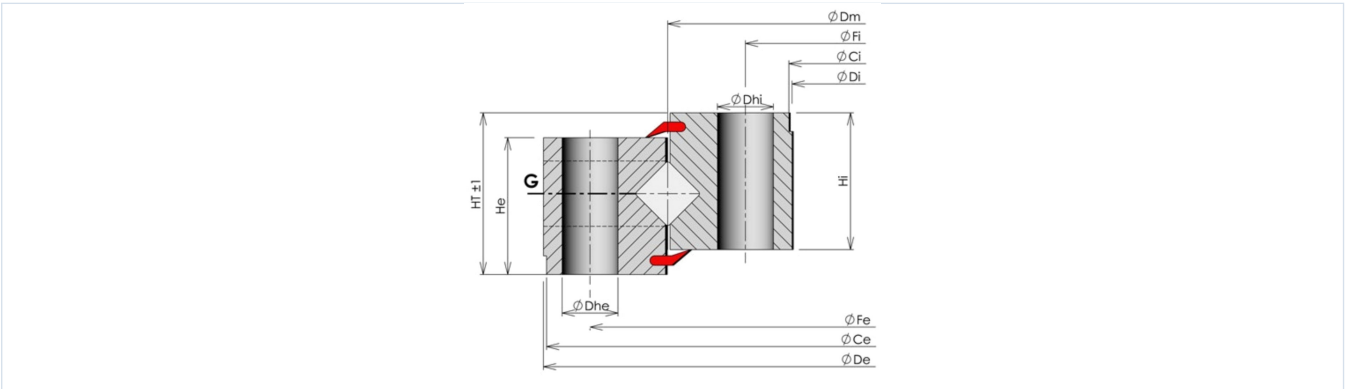
OVERALL OD  
**2,002 mm**

OVERALL ID  
**1,650 mm**

OVERALL HEIGHT  
**150 mm**

GEAR  
**Senza dentatura**

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                    | Rulli incrociati a una corona          |
| Gear arrangement                     | Senza dentatura                        |
| DIMENSION                            |                                        |
| Overall height (HT)                  | 150 mm                                 |
| Overall outside diameter (Dia De)    | 2.002 mm                               |
| Outer ring height (He)               | 125 mm                                 |

Complete Product Data

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| 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    |

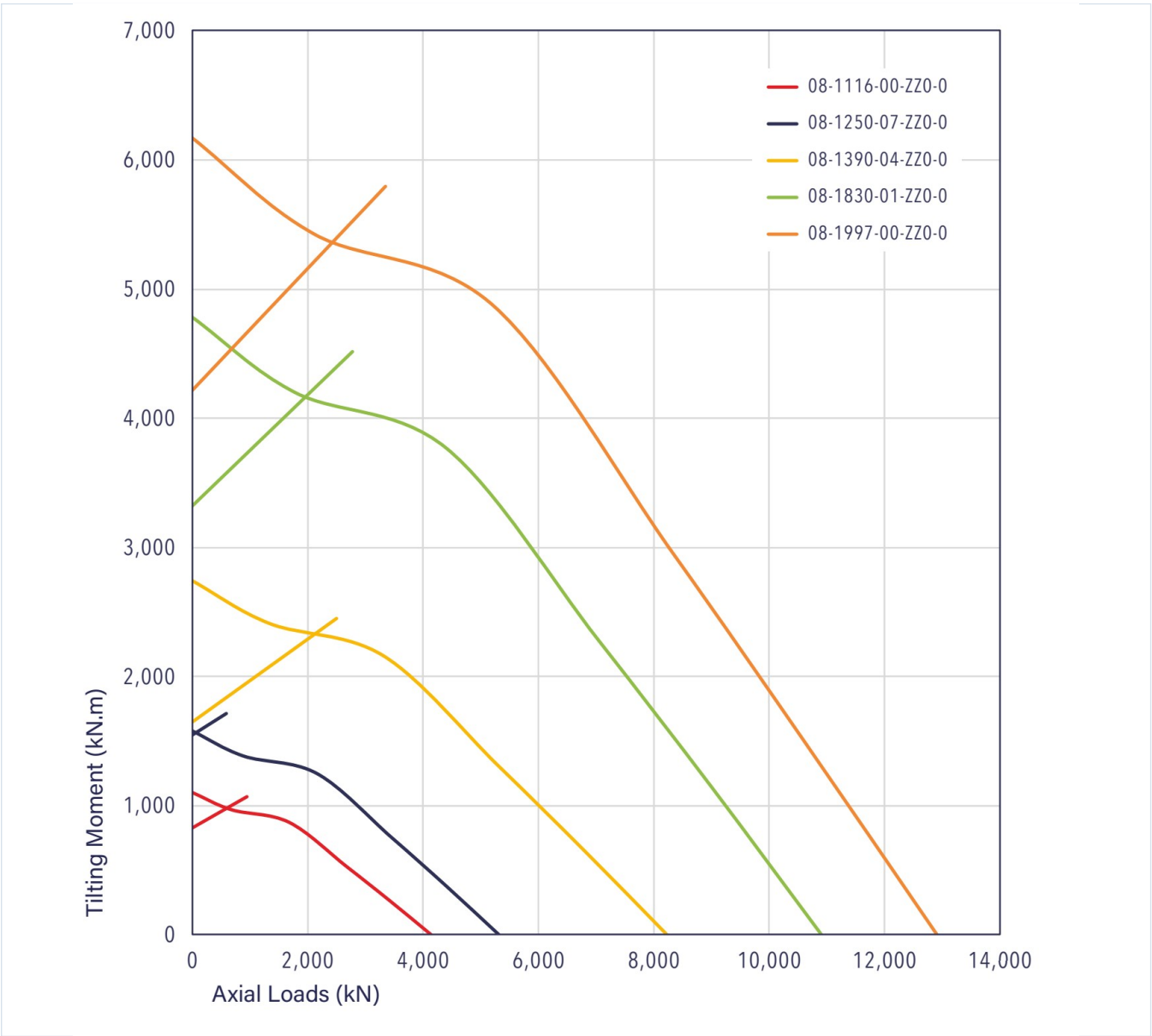
Complete Product Data

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| 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:<br>20475a73907078e6f1bd39f8bdaa5ec1b82177076b960d8d8de3f099b9bf55fd   |
| Outline Drawing           | rollix-page-110-drawing.webp   SHA-256:<br>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

|                                                                               |                                                                              |
|-------------------------------------------------------------------------------|------------------------------------------------------------------------------|
| <div>PUBLIC RECORD UID</div> <div>VGS4UWWWE2WSIUCDOQIYXVY3H</div>             | <div>SOURCE DOCUMENT</div> <div>ROLLIX-CATALOGUE-SLEWING-RINGS-2024-07</div> |
| <div>SOURCE FILE</div> <div>ROLLIX.pdf</div>                                  | <div>SOURCE LOCATION</div> <div>PDF page 110   Printed page 110</div>        |
| <div>VERIFICATION</div> <div>Level 3 - MERYDOM Engineering<br/>Verified</div> | <div>REVIEWED BY</div> <div>MERYDOM Engineering Department</div>             |

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/it/prodotti/cuscinetti-di-rotazione-sostitutivi/rollix/08-1830-01/>

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