

Factory-Verified Replacement

MERYDOM RKS.121390101002

Certified for interchange with SKF RKS.121390101002. 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

RKS.121390101002

REFERENCE

SKF RKS.121390101002

SERIES

SKF\_ROLLER\_CUSTOM\_EXTERNAL Series

STRUCTURE

Crossed Cylindrical Roller

OVERALL OD

695 mm

OVERALL ID

477 mm

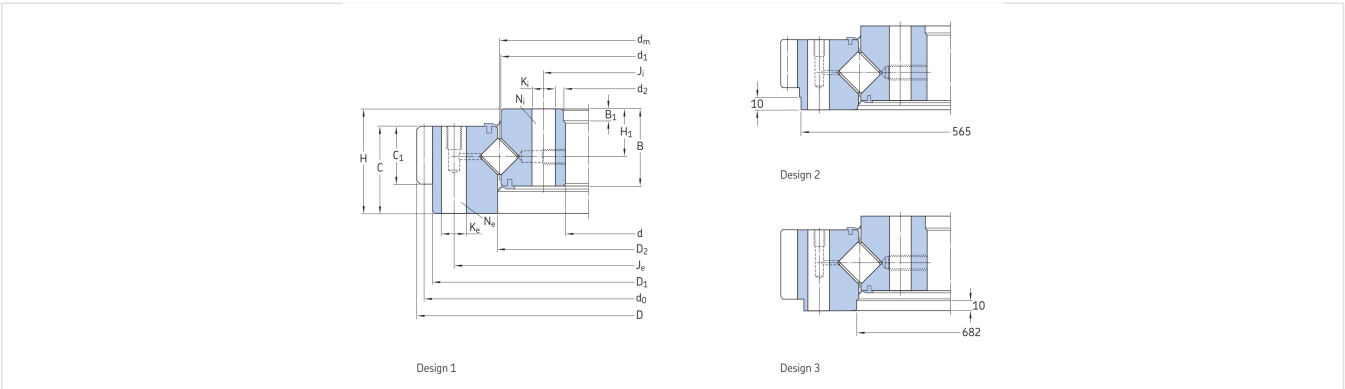
OVERALL HEIGHT

77 mm

GEAR

D tan di li

Published Technical Drawing



skf-p104-outline-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                        | RKS.121390101002                       |
| Certified interchangeable with       | SKF RKS.121390101002                   |
| Verification status                  | Level 3 - MERYDOM Engineering Verified |
| Reviewed by                          | MERYDOM Engineering Department         |
| Public record UID                    | MI64TAQW5X7M2TWOUJUQXF2SIM             |
| MATERIALS                            |                                        |
| Configurable ring material options   | 42CrMo / 50Mn                          |
| Seal material                        | NBR - Nitrile rubber                   |
| Configurable spacer material options | Engineering nylon / Brass              |
| IDENTIFICATION                       |                                        |
| Reference brand                      | SKF                                    |
| Reference series                     | SKF_ROLLER_CUSTOM_EXTERNAL Series      |
| Reference model                      | RKS.121390101002                       |
| Bearing structure                    | Crossed Cylindrical Roller             |
| Gear arrangement                     | D tan di li                            |
| DIMENSION                            |                                        |
| Raceway diameter (dm)                | 574 mm                                 |
| Overall outside diameter (D)         | 695 mm                                 |
| Overall inside diameter (d)          | 477 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 height (H)                  | 77 mm    |
| SKF catalogue dimension H1 (H1)     | 35 mm    |
| SKF catalogue dimension D1 (D1)     | 671 mm   |
| SKF catalogue dimension D2 (D2)     | 576 mm   |
| SKF catalogue dimension C (C)       | 64 mm    |
| SKF catalogue dimension C1 (C1)     | 42 mm    |
| SKF catalogue dimension d1 (d1)     | 572 mm   |
| SKF catalogue dimension d2 (d2)     | 480 mm   |
| SKF catalogue dimension B (B)       | 57 mm    |
| SKF catalogue dimension B1 (B1)     | 9 mm     |
| Mass (Mass)                         | 79 kg    |
| PERFORMANCE                         |          |
| Basic dynamic axial load rating (C) | 339 kN   |
| Basic static axial load rating (C0) | 1 280 kN |
| PERFORMANCE RATINGS                 |          |
| Basic Dynamic Axial                 | 339 kN   |
| Basic Static Axial                  | 1 280 kN |
| MOUNTING INTERFACES                 |          |
| Outer ring mounting                 | holes -  |
| Inner ring mounting                 | holes -  |

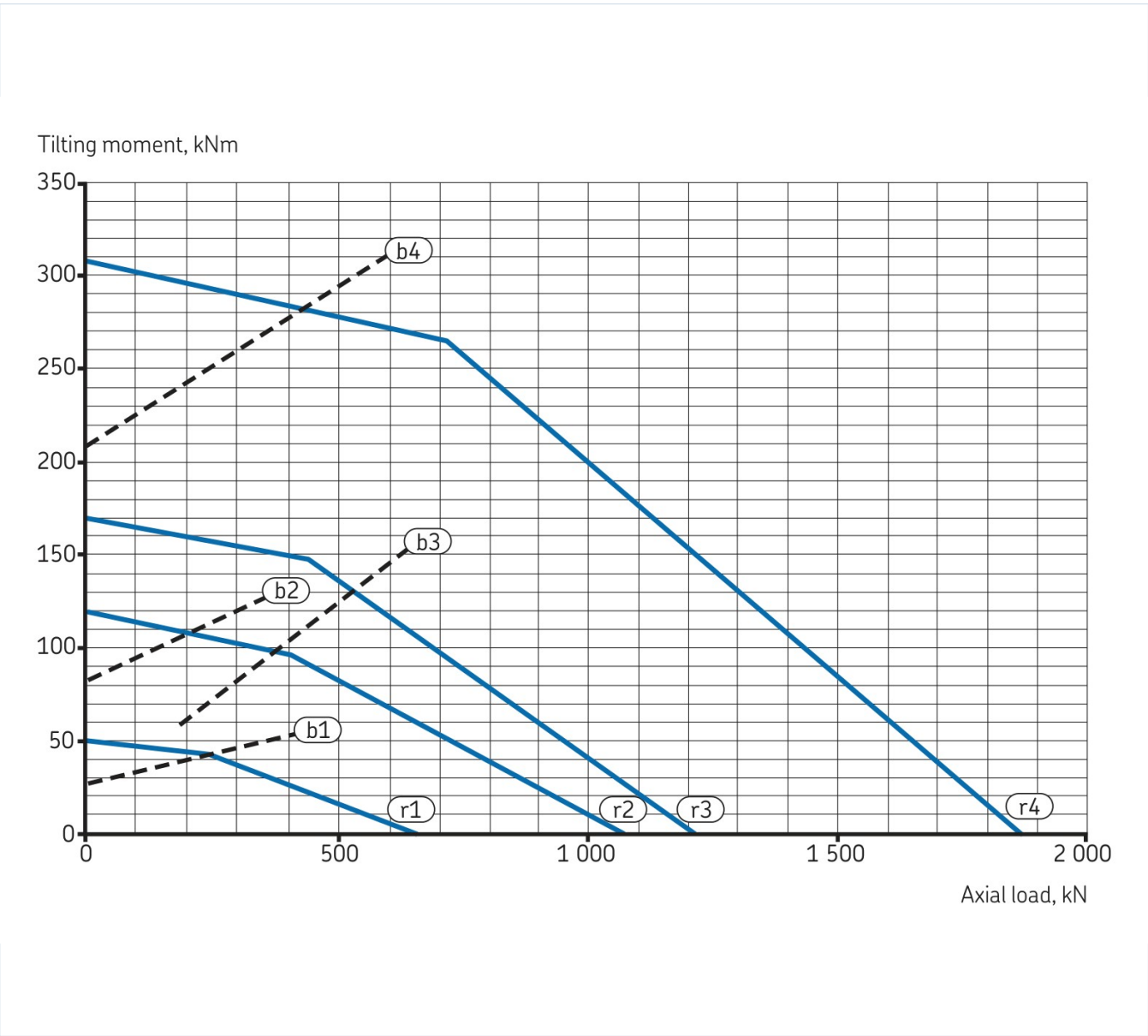
Complete Product Data

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            |                                                                                                              |
|---------------------------|--------------------------------------------------------------------------------------------------------------|
| Pitch system              | Not published                                                                                                |
| SOURCE TRACEABILITY       |                                                                                                              |
| Source document code      | SKF_SLEWING_BEARINGS_PUB_BU_P2_06115_3_EN_2019_09                                                            |
| Source file               | SKF_Slewing_Bearings_PUB_BU_P2_06115_3_EN_2019-09.pdf                                                        |
| PDF page                  | 104                                                                                                          |
| Printed page              | 104                                                                                                          |
| Source language           | EN                                                                                                           |
| Original unit system      | Metric                                                                                                       |
| PUBLISHED TECHNICAL MEDIA |                                                                                                              |
| Load Curve Chart          | skf-p105-load-curve.webp   SHA-256:<br>71cf6a31f9c182ae1bc1aa5aa97e02f7db3df4a6ff2a9ec05b0f298443d669d1      |
| Outline Drawing           | skf-p104-outline-drawing.webp   SHA-256:<br>44cc4ecced7cddc946d17c9abf5ebc7939d7c29f5805a7fdcce8065868a7128e |

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.



skf-p105-load-curve.webp | SHA-256: 71cf6a31f9c182ae1bc1aa5aa97e02f7db3df4a6ff2a9ec05b0f298443d669d1

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>MI64TAQW5X7M2TWOUJUQXF2SIM</div>                      | <div>SOURCE DOCUMENT</div> <div>SKF_SLEWING BEARINGS_PUB_BU_P2_06115_3_EN_2019_09</div> |
| <div>SOURCE FILE</div> <div>SKF_Slewing_Bearings_PUB_BU_P2_06115_3_EN_2019-09.pdf</div> | <div>SOURCE LOCATION</div> <div>PDF page 104   Printed page 104</div>                   |
| <div>VERIFICATION</div> <div>Level 3 - MERYDOM Engineering 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

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Product page: <https://rotnex.com/tr/urunler/muadil-doner-tabla-rulmanlari/skf/rks-121390101002/>

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