

Factory-Verified Replacement

MERYDOM RKS.122295101002

Certified for interchange with SKF RKS.122295101002. 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.122295101002

SERIES

SKF\_ROLLER\_CUSTOM\_UNGEARED Series

OVERALL OD

816 mm

OVERALL HEIGHT

90 mm

REFERENCE

SKF RKS.122295101002

STRUCTURE

Crossed Cylindrical Roller

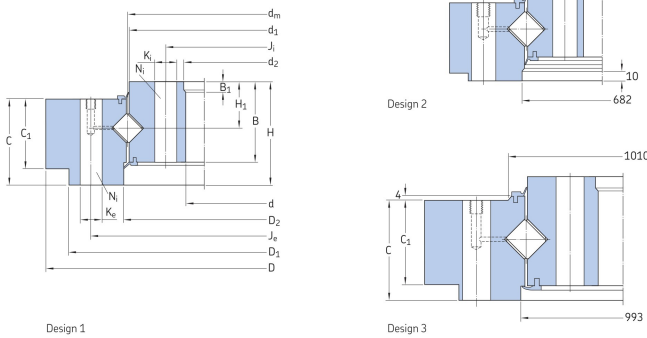
OVERALL ID

571 mm

GEAR

Senza dentatura

Published Technical Drawing



skf-p114-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.122295101002                       |
| Certified interchangeable with       | SKF RKS.122295101002                   |
| Verification status                  | Level 3 - MERYDOM Engineering Verified |
| Reviewed by                          | MERYDOM Engineering Department         |
| Public record UID                    | 6LOBWZHJZ7A73ATW6RIAWCPXBV             |
| 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_UNGEARED Series      |
| Reference model                      | RKS.122295101002                       |
| Bearing structure                    | Crossed Cylindrical Roller             |
| Gear arrangement                     | Senza dentatura                        |
| DIMENSION                            |                                        |
| Raceway diameter (dm)                | 675 mm                                 |
| Overall outside diameter (D)         | 816 mm                                 |
| Overall inside diameter (d)          | 571 mm                                 |

## Complete Product Data

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| DIMENSION (CONTINUED)               |          |
|-------------------------------------|----------|
| Overall height (H)                  | 90 mm    |
| SKF catalogue dimension H1 (H1)     | 42 mm    |
| SKF catalogue dimension D1 (D1)     | 781 mm   |
| SKF catalogue dimension D2 (D2)     | 677 mm   |
| SKF catalogue dimension C (C)       | 73 mm    |
| SKF catalogue dimension C1 (C1)     | 65 mm    |
| SKF catalogue dimension d1 (d1)     | 673 mm   |
| SKF catalogue dimension d2 (d2)     | 574 mm   |
| SKF catalogue dimension B (B)       | 67 mm    |
| SKF catalogue dimension B1 (B1)     | 10 mm    |
| Mass (Mass)                         | 125 kg   |
| PERFORMANCE                         |          |
| Basic dynamic axial load rating (C) | 495 kN   |
| Basic static axial load rating (C0) | 1.880 kN |
| PERFORMANCE RATINGS                 |          |
| Basic Dynamic Axial                 | 495 kN   |
| Basic Static Axial                  | 1.880 kN |
| MOUNTING INTERFACES                 |          |
| Outer ring mounting                 | holes -  |
| Inner ring mounting                 | holes -  |

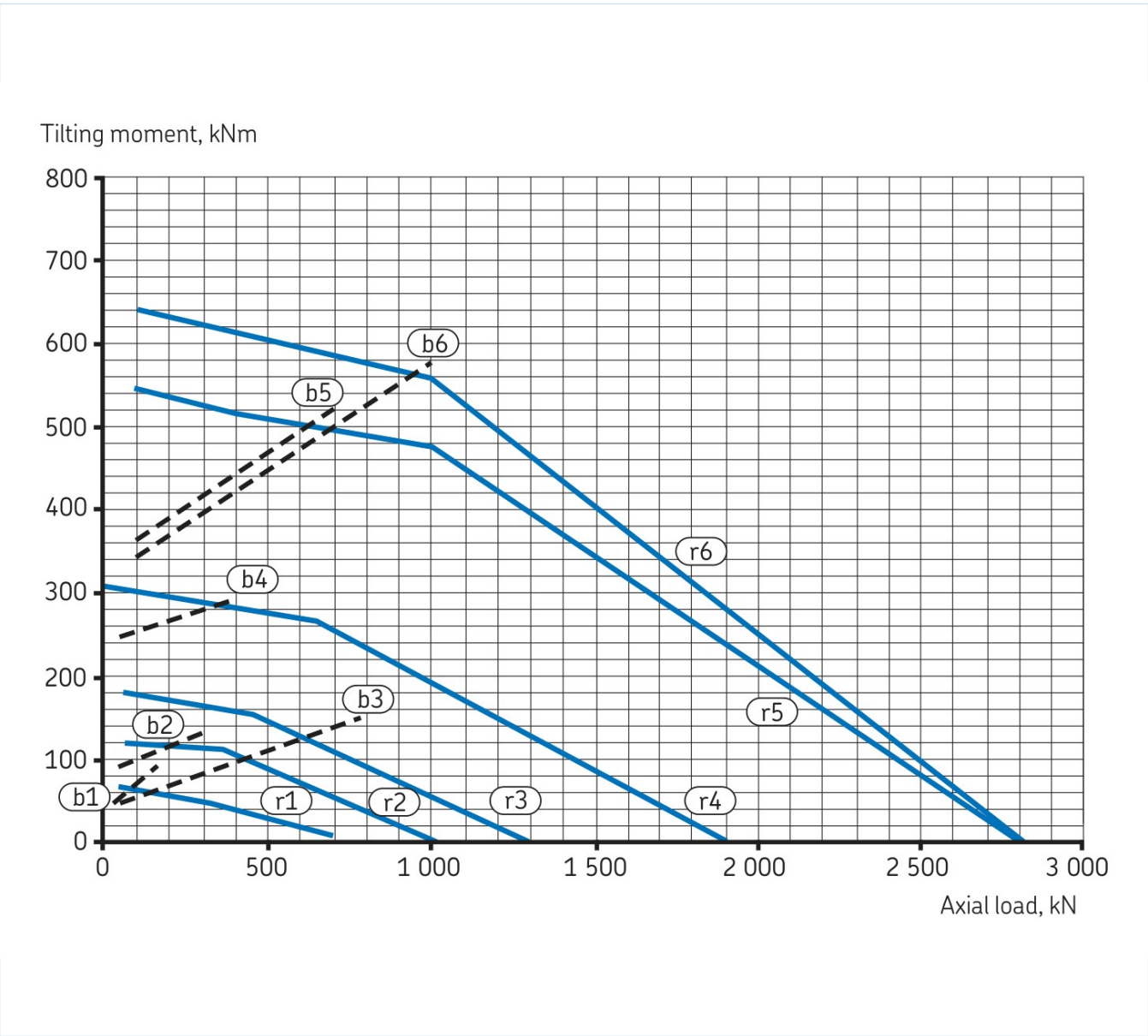
Complete Product Data

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| GEAR INTERFACE            |                                                                                                              |
|---------------------------|--------------------------------------------------------------------------------------------------------------|
| Integral gear             | Not applicable - ungeared bearing                                                                            |
| 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                  | 114                                                                                                          |
| Printed page              | 114                                                                                                          |
| Source language           | EN                                                                                                           |
| Original unit system      | Metric                                                                                                       |
| PUBLISHED TECHNICAL MEDIA |                                                                                                              |
| Load Curve Chart          | skf-p115-load-curve.webp   SHA-256:<br>8d868a4f5288448d5310240a848a8ac7ee2292ad7b7b902bb5b2acb3725a7f91      |
| Outline Drawing           | skf-p114-outline-drawing.webp   SHA-256:<br>bfef483d68c3a2dc4e0286347f792d4c15a27134adc78525dc5bfb779d2b5f3a |

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-p115-load-curve.webp | SHA-256: 8d868a4f5288448d5310240a848a8ac7ee2292ad7b7b902bb5b2acb3725a7f91

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

6LOBWZHJZ7A73ATW6RIAWCPXBV

### SOURCE FILE

SKF\_Slewing\_Bearings\_PUB\_BU\_P2\_06115\_3\_EN\_2019-09.pdf

### VERIFICATION

Level 3 - MERYDOM Engineering  
Verified

### SOURCE DOCUMENT

SKF\_SLEWING BEARINGS\_PUB\_BU\_P2\_06115\_3\_EN\_2019\_09

### SOURCE LOCATION

PDF page 114 | Printed page 114

### 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/it/prodotti/cuscinetti-di-rotazione-sostitutivi/skf/rks-122295101002/>

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