

Factory-Verified Replacement

MERYDOM RKS.061.25.1314

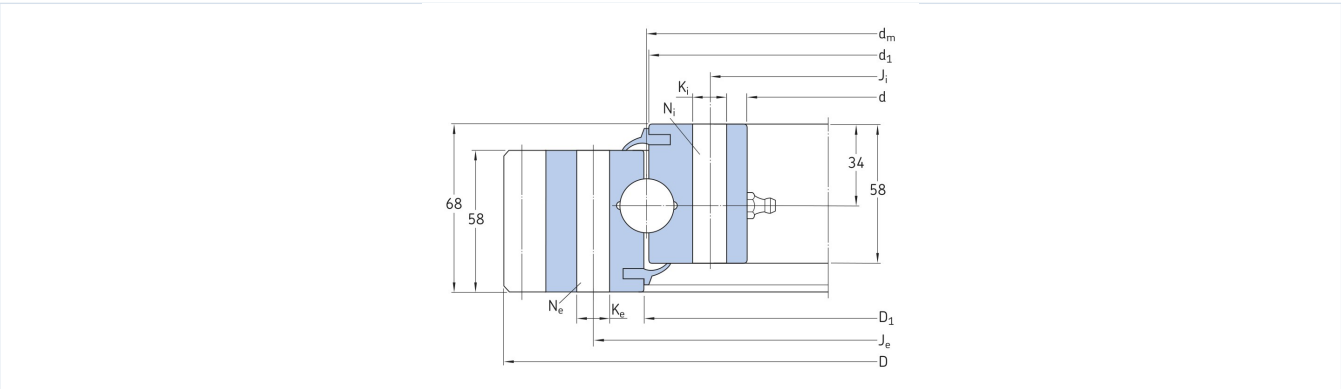
Certified for interchange with SKF RKS.061.25.1314. This document consolidates the public product record, complete published specifications, technical media, source traceability and engineering confirmation notes.

**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                   | REFERENCE               |
| RKS.061.25.1314                 | SKF RKS.061.25.1314     |
| SERIES                          | STRUCTURE               |
| SKF_BALL_MEDIUM_EXTERNAL Series | Four-point contact ball |
| OVERALL OD                      | OVERALL ID              |
| 1,448 mm                        | 1,229 mm                |
| OVERALL HEIGHT                  | GEAR                    |
| mm                              | External gear           |

Published Technical Drawing



skf-p070-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.061.25.1314                        |
| Certified interchangeable with       | SKF RKS.061.25.1314                    |
| Verification status                  | Level 3 - MERYDOM Engineering Verified |
| Reviewed by                          | MERYDOM Engineering Department         |
| Public record UID                    | SJIUYI5SNP3NLDULRASHRSS5EA             |
| 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_BALL_MEDIUM_EXTERNAL Series        |
| Reference model                      | RKS.061.25.1314                        |
| Bearing structure                    | Four-point contact ball                |
| Gear arrangement                     | External gear                          |
| DIMENSION                            |                                        |
| Raceway diameter (dm)                | 1,314 mm                               |
| Overall outside diameter (D)         | 1,448 mm                               |
| SKF catalogue dimension D1 (D1)      | 1,317.5 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 (d)                 | 1,229 mm      |
| SKF catalogue dimension d1 (d1)             | 1,310.5 mm    |
| Mass (Mass)                                 | 166 kg        |
| MOUNTING                                    |               |
| Outer ring bolt circle (Je)                 | 1,367 mm      |
| Outer ring mounting-hole specification (Ke) | 16 mm         |
| Outer ring mounting-hole count (Ne)         | 50 count      |
| Inner ring bolt circle (Ji)                 | 1,261 mm      |
| Inner ring mounting-hole specification (Ki) | 16 mm         |
| Inner ring mounting-hole count (Ni)         | 50 count      |
| PERFORMANCE                                 |               |
| Basic dynamic axial load rating (C)         | 526 kN        |
| Basic static axial load rating (C0)         | 4,380 kN      |
| PERFORMANCE RATINGS                         |               |
| Basic Dynamic Axial                         | 526 kN        |
| Basic Static Axial                          | 4,380 kN      |
| MOUNTING INTERFACES                         |               |
| Outer ring mounting                         | 50 holes - 16 |
| Inner ring mounting                         | 50 holes - 16 |
| GEAR INTERFACE                              |               |

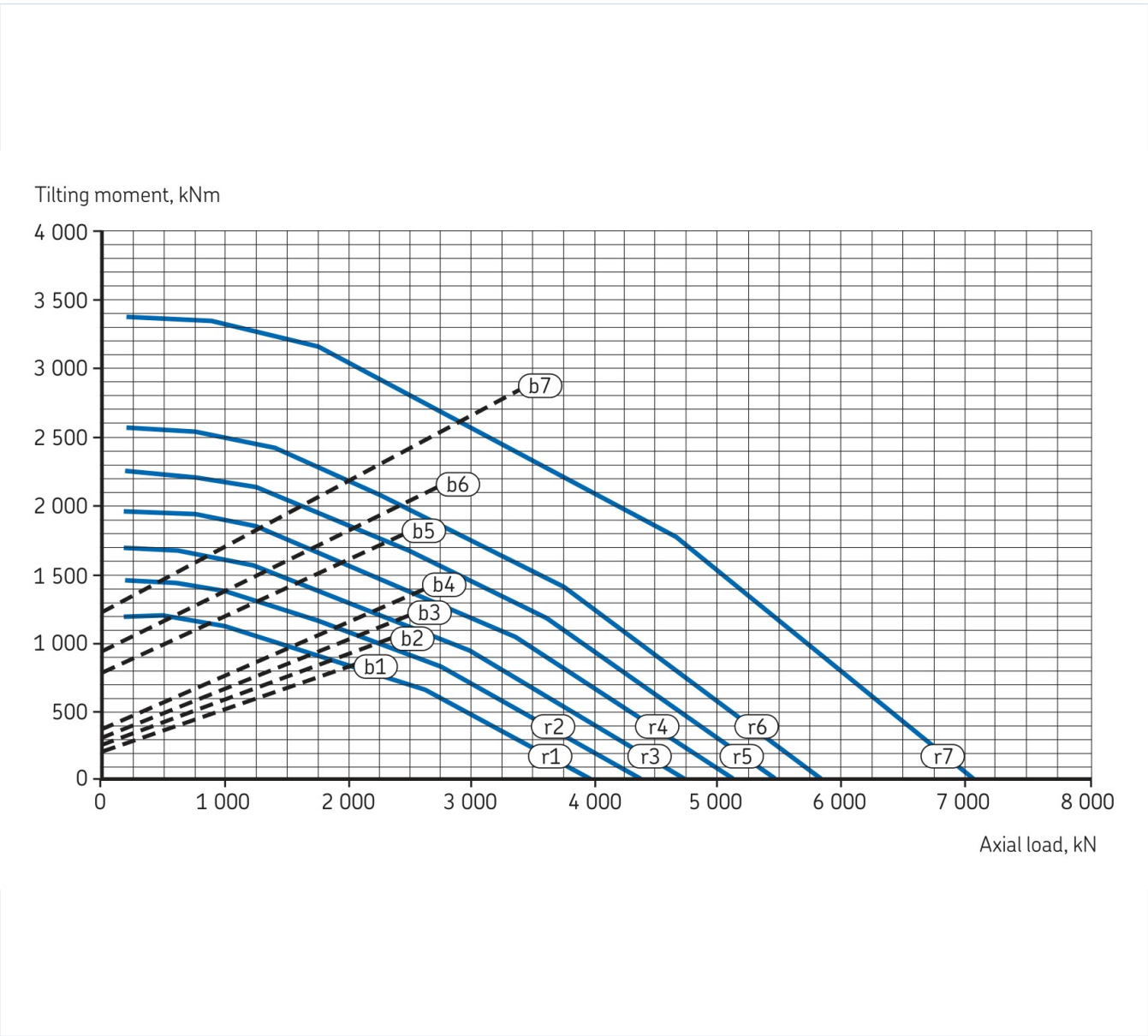
Complete Product Data

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 (CONTINUED) |                                                                                                                  |
|----------------------------|------------------------------------------------------------------------------------------------------------------|
| 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                   | 70                                                                                                               |
| Printed page               | 70                                                                                                               |
| Source language            | EN                                                                                                               |
| Original unit system       | Metric                                                                                                           |
| PUBLISHED TECHNICAL MEDIA  |                                                                                                                  |
| Load Curve Chart           | skf-p071-load-curve.webp   SHA-256:<br>5423aeafe72c34dc9169454f416e83afdc208590bdf7d4b5e7b60e7acf<br>eb1b5e      |
| Outline Drawing            | skf-p070-outline-drawing.webp   SHA-256:<br>eea3942bd175c1ffb6ac9ad172e76ef807c821ecf59c5e8ed192f6d982<br>bc0b1f |

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-p071-load-curve.webp | SHA-256: 5423aeafe72c34dc9169454f416e83afdc208590bdf7d4b5e7b60e7acfeb1b5e

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>SJIUYI5SNP3NLDULRASHRSS5EA</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 70   Printed page 70</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/products/slewing-bearing-replacements/skf/rks-061-25-1314/>

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