

Factory-Verified Replacement

MERYDOM RKS.061.30.1904

Certified for interchange with SKF RKS.061.30.1904. 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.061.30.1904

REFERENCE

SKF RKS.061.30.1904

SERIES

SKF\_BALL\_MEDIUM\_EXTERNAL Series

STRUCTURE

Four-point contact ball

OVERALL OD

2,073.4 mm

OVERALL ID

1,796 mm

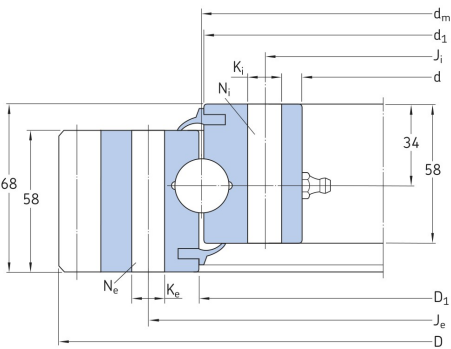
OVERALL HEIGHT

mm

GEAR

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.061.30.1904                        |
| Certified interchangeable with       | SKF RKS.061.30.1904                    |
| Verification status                  | Level 3 - MERYDOM Engineering Verified |
| Reviewed by                          | MERYDOM Engineering Department         |
| Public record UID                    | 23BMEKZCKOZXME6RO2VD73JRDC             |
| 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.061.30.1904                        |
| Bearing structure                    | Four-point contact ball                |
| Gear arrangement                     | External gear                          |
| DIMENSION                            |                                        |
| Raceway diameter (dm)                | 1,904 mm                               |
| Overall outside diameter (D)         | 2,073.4 mm                             |
| SKF catalogue dimension D1 (D1)      | 1,907.5 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)                 | 1,796 mm      |
| SKF catalogue dimension d1 (d1)             | 1,900.5 mm    |
| Mass (Mass)                                 | 300 kg        |
| MOUNTING                                    |               |
| Outer ring bolt circle (Je)                 | 1,968 mm      |
| Outer ring mounting-hole specification (Ke) | 22 mm         |
| Outer ring mounting-hole count (Ne)         | 64 count      |
| Inner ring bolt circle (Ji)                 | 1,840 mm      |
| Inner ring mounting-hole specification (Ki) | 22 mm         |
| Inner ring mounting-hole count (Ni)         | 64 count      |
| PERFORMANCE                                 |               |
| Basic dynamic axial load rating (C)         | 690 kN        |
| Basic static axial load rating (C0)         | 7,070 kN      |
| PERFORMANCE RATINGS                         |               |
| Basic Dynamic Axial                         | 690 kN        |
| Basic Static Axial                          | 7,070 kN      |
| MOUNTING INTERFACES                         |               |
| Outer ring mounting                         | 64 holes - 22 |
| Inner ring mounting                         | 64 holes - 22 |
| GEAR INTERFACE                              |               |

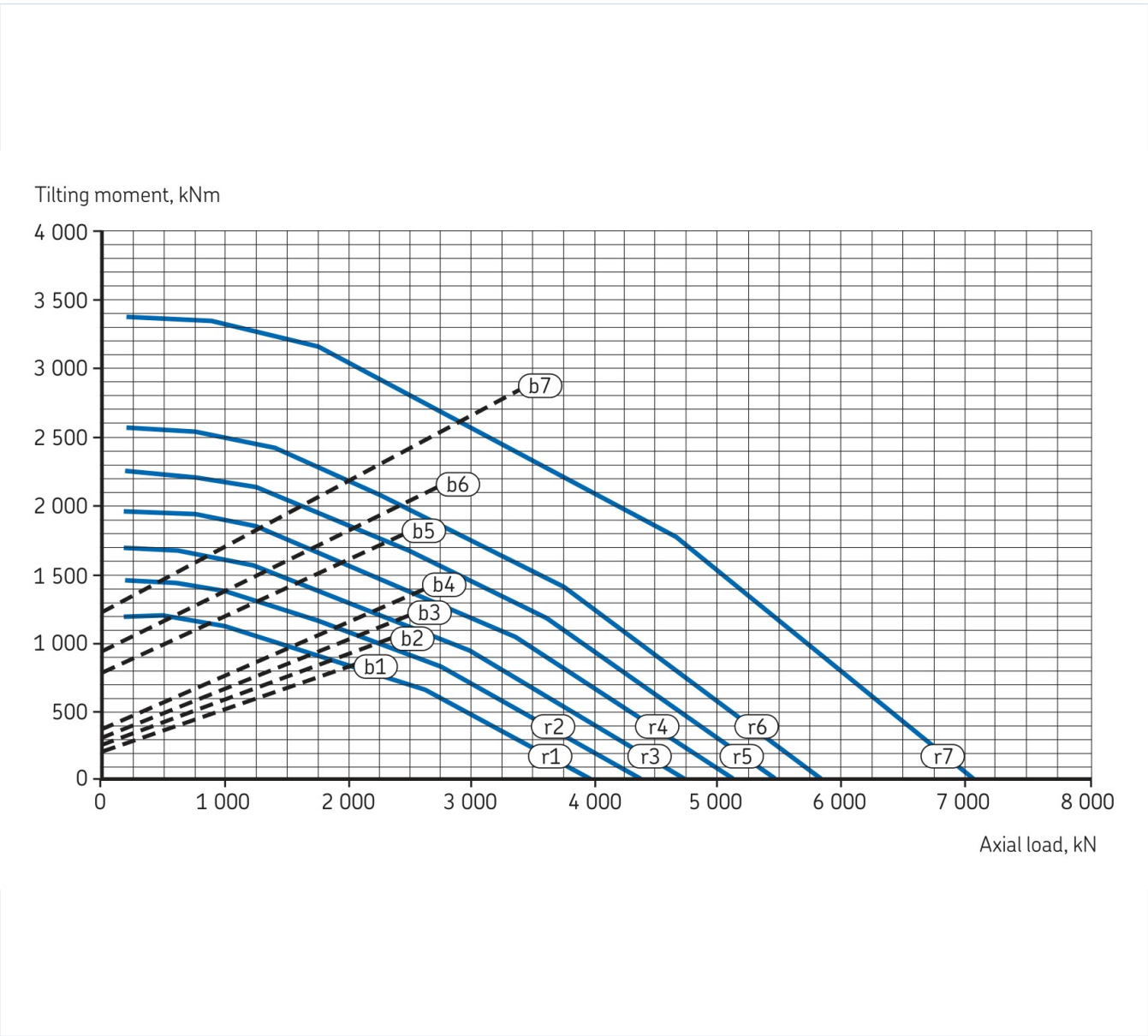
Complete Product Data

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

### PUBLIC RECORD UID

23BMEKZCKOZXME6RO2VD73JRDC

### 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 70 | Printed page 70

### 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/products/slewing-bearing-replacements/skf/rks-061-30-1904/>

Trademark and legal notice: referenced brand and model names are used only for identification and cross-reference. MERYDOM is an independent manufacturer and is not affiliated with or endorsed by the referenced brand unless expressly stated.