

Factory-Verified Replacement

MERYDOM RKS.060.20.0644

Certified for interchange with SKF RKS.060.20.0644. 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.060.20.0644

REFERENCE

SKF RKS.060.20.0644

SERIES

SKF\_BALL\_MEDIUM\_UNGEARED Series

STRUCTURE

Sfere a quattro punti di contatto

OVERALL OD

716 mm

OVERALL ID

572 mm

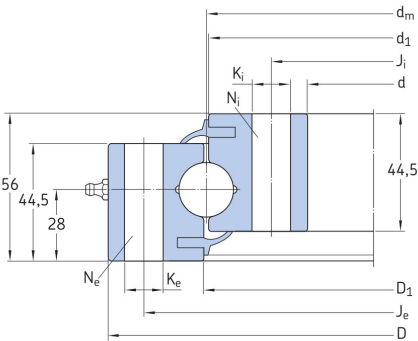
OVERALL HEIGHT

mm

GEAR

Senza dentatura

Published Technical Drawing



skf-p076-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.060.20.0644                        |
| Certified interchangeable with       | SKF RKS.060.20.0644                    |
| Verification status                  | Level 3 - MERYDOM Engineering Verified |
| Reviewed by                          | MERYDOM Engineering Department         |
| Public record UID                    | 6WFPAF2AOQ2C6IUDH3ALES AJ5W            |
| 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_UNGEARED Series        |
| Reference model                      | RKS.060.20.0644                        |
| Bearing structure                    | Sfere a quattro punti di contatto      |
| Gear arrangement                     | Senza dentatura                        |
| DIMENSION                            |                                        |
| Raceway diameter (dm)                | 644 mm                                 |
| Overall outside diameter (D)         | 716 mm                                 |
| SKF catalogue dimension D1 (D1)      | 645,5 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)                 | 572 mm          |
| SKF catalogue dimension d1 (d1)             | 642,5 mm        |
| Mass (Mass)                                 | 44 kg           |
| MOUNTING                                    |                 |
| Outer ring bolt circle (Je)                 | 690 mm          |
| Outer ring mounting-hole specification (Ke) | 13,5 mm         |
| Outer ring mounting-hole count (Ne)         | 36 count        |
| Inner ring bolt circle (Ji)                 | 598 mm          |
| Inner ring mounting-hole specification (Ki) | 13,5 mm         |
| Inner ring mounting-hole count (Ni)         | 36 count        |
| PERFORMANCE                                 |                 |
| Basic dynamic axial load rating (C)         | 248 kN          |
| Basic static axial load rating (C0)         | 1.580 kN        |
| PERFORMANCE RATINGS                         |                 |
| Basic Dynamic Axial                         | 248 kN          |
| Basic Static Axial                          | 1.580 kN        |
| MOUNTING INTERFACES                         |                 |
| Outer ring mounting                         | 36 holes - 13,5 |
| Inner ring mounting                         | 36 holes - 13,5 |
| GEAR INTERFACE                              |                 |

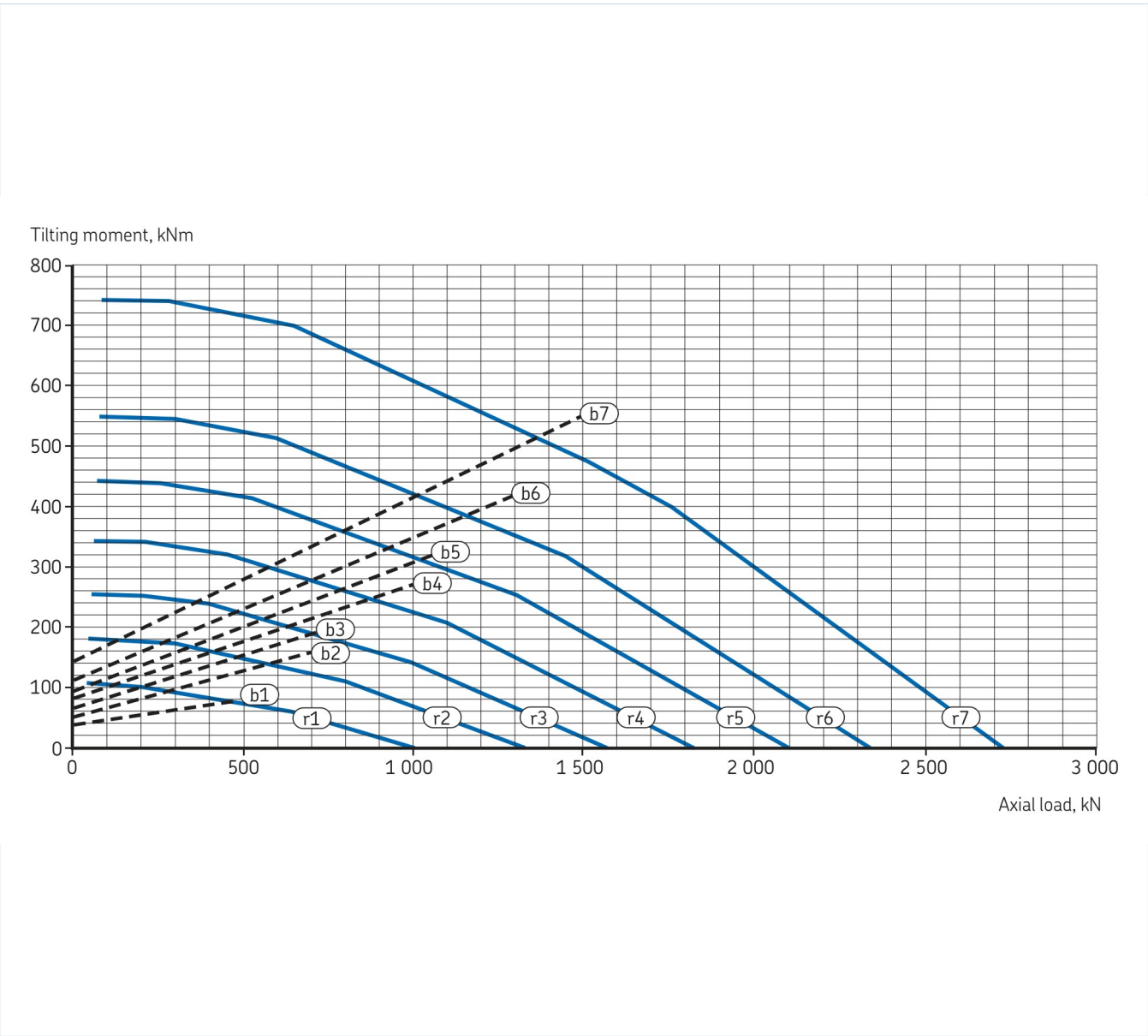
Complete Product Data

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) |                                                                                                             |
|----------------------------|-------------------------------------------------------------------------------------------------------------|
| 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                   | 76                                                                                                          |
| Printed page               | 76                                                                                                          |
| Source language            | EN                                                                                                          |
| Original unit system       | Metric                                                                                                      |
| PUBLISHED TECHNICAL MEDIA  |                                                                                                             |
| Load Curve Chart           | skf-p077-load-curve.webp   SHA-256:<br>56fe67eebc133e0d2947b156b32493b08dc465c14a54fee3aae35933805b4165     |
| Outline Drawing            | skf-p076-outline-drawing.webp   SHA-256:<br>af39ce87b8bc13a48e6ccfe3361fdb574237c0c3bce45175d75d86edf940253 |

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-p077-load-curve.webp | SHA-256: 56fe67eebc133e0d2947b156b32493b08dc465c14a54fee3aae35933805b4165

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

6WFPAF2AOQ2C6IUDH3ALES AJ5W

### 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 76 | Printed page 76

### 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-060-20-0644/>

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