

Factory-Verified Replacement

MERYDOM RKS.061.25.1644

Certified for interchange with SKF RKS.061.25.1644. 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.061.25.1644

REFERENCE

SKF RKS.061.25.1644

SERIES

SKF_BALL_MEDIUM_EXTERNAL Series

STRUCTURE

Four-point contact ball

OVERALL OD

1,791 mm

OVERALL ID

1,536 mm

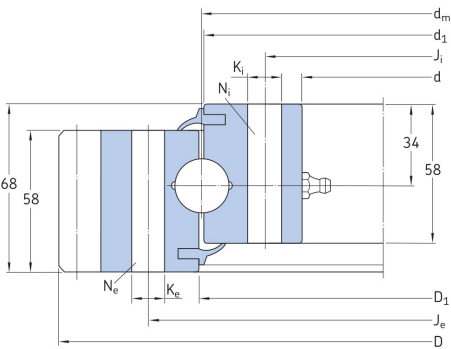
OVERALL HEIGHT

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.061.25.1644
Certified interchangeable with	SKF RKS.061.25.1644
Verification status	Level 3 - MERYDOM Engineering Verified
Reviewed by	MERYDOM Engineering Department
Public record UID	6XT4W2MRHO6YDZ7DWXDINM2KAB
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.061.25.1644
Bearing structure	Four-point contact ball
Gear arrangement	External gear
DIMENSION	
Raceway diameter (dm)	1,644 mm
Overall outside diameter (D)	1,791 mm
SKF catalogue dimension D1 (D1)	1,647.5 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)	1,536 mm
SKF catalogue dimension d1 (d1)	1,640.5 mm
Mass (Mass)	237 kg
MOUNTING	
Outer ring bolt circle (Je)	1,708 mm
Outer ring mounting-hole specification (Ke)	22 mm
Outer ring mounting-hole count (Ne)	54 count
Inner ring bolt circle (Ji)	1,580 mm
Inner ring mounting-hole specification (Ki)	22 mm
Inner ring mounting-hole count (Ni)	54 count
PERFORMANCE	
Basic dynamic axial load rating (C)	570 kN
Basic static axial load rating (C0)	5,460 kN
PERFORMANCE RATINGS	
Basic Dynamic Axial	570 kN
Basic Static Axial	5,460 kN
MOUNTING INTERFACES	
Outer ring mounting	54 holes - 22
Inner ring mounting	54 holes - 22
GEAR INTERFACE	

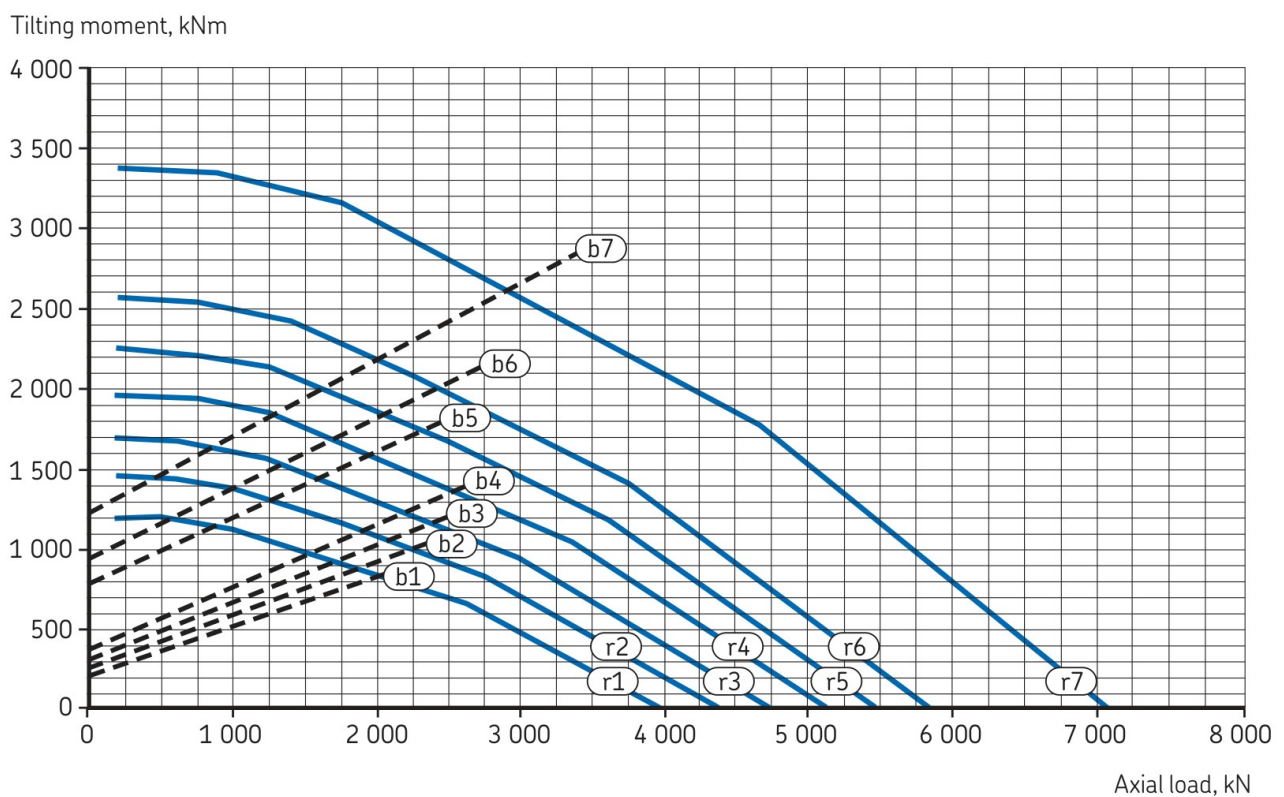
Complete Product Data

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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: 5423aeafe72c34dc9169454f416e83afdc208590bdf7d4b5e7b60e7acf eb1b5e
Outline Drawing	skf-p070-outline-drawing.webp SHA-256: eea3942bd175c1ffb6ac9ad172e76ef807c821ecf59c5e8ed192f6d982 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 6XT4W2MRHO6YDZ7DWDINM2KAB	SOURCE DOCUMENT 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	SOURCE LOCATION PDF page 70 Printed page 70
VERIFICATION Level 3 - MERYDOM Engineering Verified	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

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Product page: <https://rotnex.com/products/slewing-bearing-replacements/skf/rks-061-25-1644/>

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