

Factory-Verified Replacement

MERYDOM RKS.162.14.0844

Certified for interchange with SKF RKS.162.14.0844. 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.162.14.0844

REFERENCE

SKF RKS.162.14.0844

SERIES

SKF_ROLLER_MEDIUM_INTERNAL Series

STRUCTURE

Crossed Cylindrical Roller

OVERALL OD

916 mm

OVERALL ID

737.6 mm

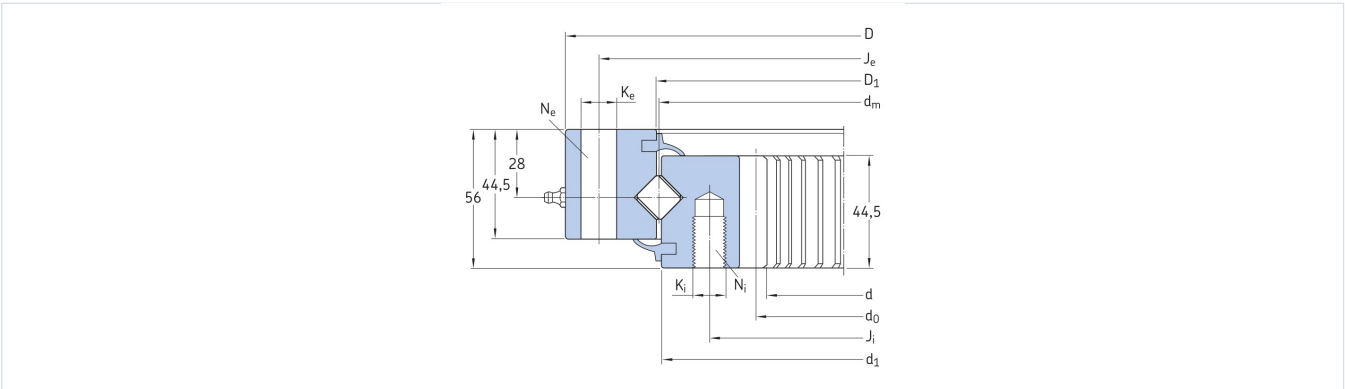
OVERALL HEIGHT

mm

GEAR

Internal gear

Published Technical Drawing



skf-p096-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.162.14.0844
Certified interchangeable with	SKF RKS.162.14.0844
Verification status	Level 3 - MERYDOM Engineering Verified
Reviewed by	MERYDOM Engineering Department
Public record UID	FMP3LQT3AHYMT2CZJTSGCBEQES
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_MEDIUM_INTERNAL Series
Reference model	RKS.162.14.0844
Bearing structure	Crossed Cylindrical Roller
Gear arrangement	Internal gear
DIMENSION	
Raceway diameter (dm)	844 mm
Overall outside diameter (D)	916 mm
SKF catalogue dimension D1 (D1)	846 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)	737.6 mm
SKF catalogue dimension d1 (d1)	842 mm
Mass (Mass)	69 kg
MOUNTING	
Outer ring bolt circle (Je)	890 mm
Outer ring mounting-hole specification (Ke)	14 mm
Outer ring mounting-hole count (Ne)	40 count
Inner ring bolt circle (Ji)	805 mm
Inner ring mounting-hole specification (Ki)	M12 mm
Inner ring mounting-hole count (Ni)	40 count
PERFORMANCE	
Basic dynamic axial load rating (C)	244 kN
Basic static axial load rating (C0)	1,220 kN
PERFORMANCE RATINGS	
Basic Dynamic Axial	244 kN
Basic Static Axial	1,220 kN
MOUNTING INTERFACES	
Outer ring mounting	40 holes - 14
Inner ring mounting	40 holes - M12
GEAR INTERFACE	

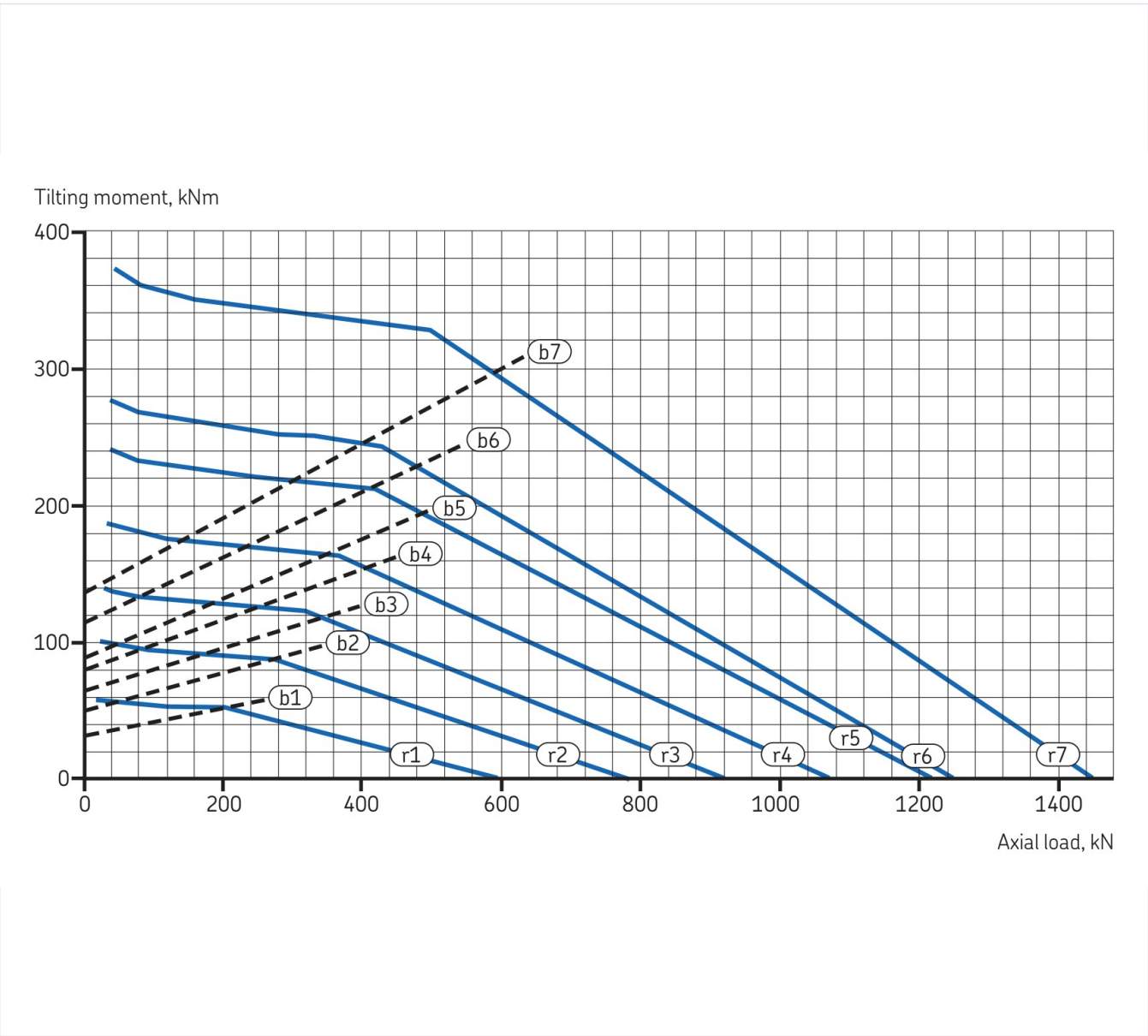
Complete Product Data

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	96
Printed page	96
Source language	EN
Original unit system	Metric
PUBLISHED TECHNICAL MEDIA	
Load Curve Chart	skf-p097-load-curve.webp SHA-256: b20795468e55af1a0efaef7b778dec26b19c51736b22b6cb6dab38d70d95f93d
Outline Drawing	skf-p096-outline-drawing.webp SHA-256: 02114160cf022d1035aebe54685ecd300cf81bdf1a6579dcef7f3f6527198887

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-p097-load-curve.webp | SHA-256: b20795468e55af1a0efaf7b778dec26b19c51736b22b6cb6dab38d70d95f93d

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

FMP3LQT3AHYMT2CZJTSGCBEQES

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 96 | Printed page 96

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-162-14-0844/>

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