

Factory-Verified Replacement

MERYDOM RKS.111280101002

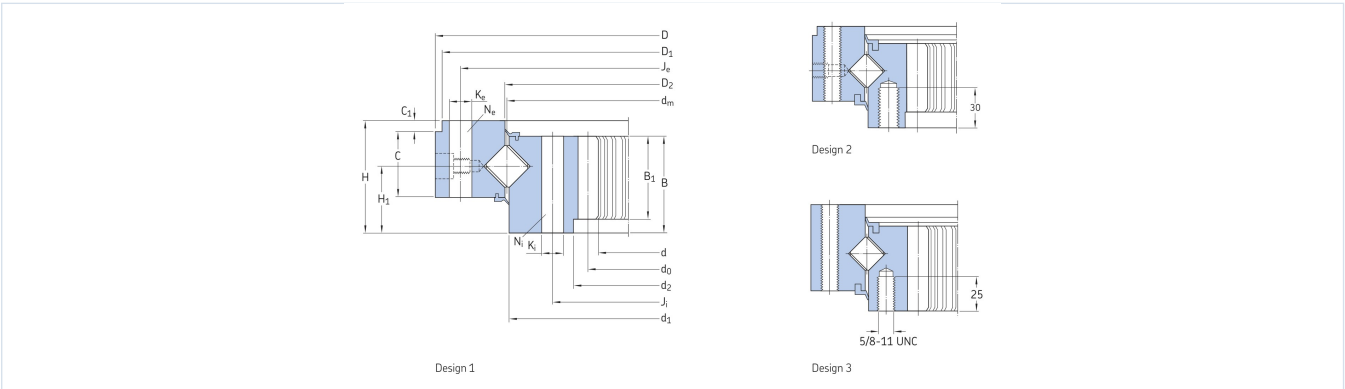
Certified for interchange with SKF RKS.111280101002. This document consolidates the public product record, complete published specifications, technical media, source traceability and engineering confirmation notes.

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.111280101002	SKF RKS.111280101002
SERIES	STRUCTURE
SKF_ROLLER_CUSTOM_INTERNAL Series	Crossed Cylindrical Roller
OVERALL OD	OVERALL ID
562 mm	384.6 mm
OVERALL HEIGHT	GEAR
60 mm	Internal gear

Published Technical Drawing



skf-p110-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.111280101002
Certified interchangeable with	SKF RKS.111280101002
Verification status	Level 3 - MERYDOM Engineering Verified
Reviewed by	MERYDOM Engineering Department
Public record UID	WCG6UWNMEYVXN7KWMJ2AXJUKO5
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_CUSTOM_INTERNAL Series
Reference model	RKS.111280101002
Bearing structure	Crossed Cylindrical Roller
Gear arrangement	Internal gear
DIMENSION	
Raceway diameter (dm)	489 mm
Overall outside diameter (D)	562 mm
Overall inside diameter (d)	384.6 mm

Complete Product Data

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DIMENSION (CONTINUED)	
Overall height (H)	60 mm
SKF catalogue dimension H1 (H1)	30 mm
SKF catalogue dimension D1 (D1)	560 mm
SKF catalogue dimension D2 (D2)	491 mm
SKF catalogue dimension C (C)	50 mm
SKF catalogue dimension C1 (C1)	10 mm
SKF catalogue dimension d1 (d1)	487 mm
SKF catalogue dimension d2 (d2)	418 mm
SKF catalogue dimension B (B)	50 mm
SKF catalogue dimension B1 (B1)	45 mm
Mass (Mass)	42 kg
PERFORMANCE	
Basic dynamic axial load rating (C)	314 kN
Basic static axial load rating (C0)	1,100 kN
PERFORMANCE RATINGS	
Basic Dynamic Axial	314 kN
Basic Static Axial	1,100 kN
MOUNTING INTERFACES	
Outer ring mounting	holes -
Inner ring mounting	holes -

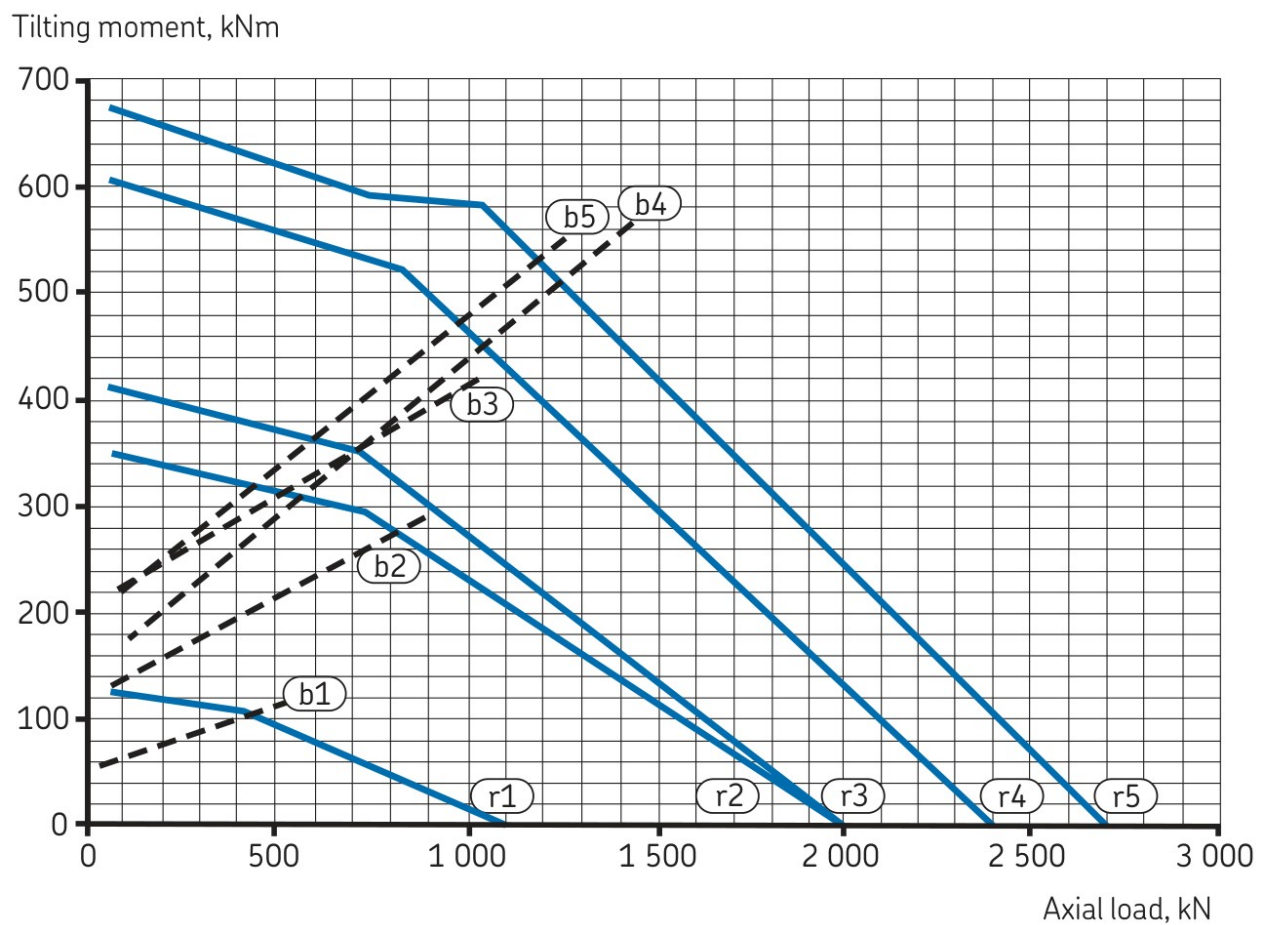
Complete Product Data

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GEAR INTERFACE	
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	110
Printed page	110
Source language	EN
Original unit system	Metric
PUBLISHED TECHNICAL MEDIA	
Load Curve Chart	skf-p111-load-curve.webp SHA-256: cfc2c214fddfb635fdf6e6712b212ed01576de36e58f56aefebfe14dd8 cee09c
Outline Drawing	skf-p110-outline-drawing.webp SHA-256: 44a69ccc9894ae30a24dfb19689e335c551ee3a107697d3bdc882f8809 860b93

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-p111-load-curve.webp | SHA-256: cfc2c214fddfb635fdf6e6712b212ed01576de36e58f56aefebfe14dd8cee09c

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

WCG6UWNMEYVXN7KWMJ2AXJUKO5

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

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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-111280101002/>

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