

Factory-Verified Replacement

MERYDOM RKS.121405202001

Certified for interchange with SKF RKS.121405202001. 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.121405202001

SERIES

SKF_ROLLER_CUSTOM_UNGEARED Series

OVERALL OD

589.5 mm

OVERALL HEIGHT

75 mm

REFERENCE

SKF RKS.121405202001

STRUCTURE

Crossed Cylindrical Roller

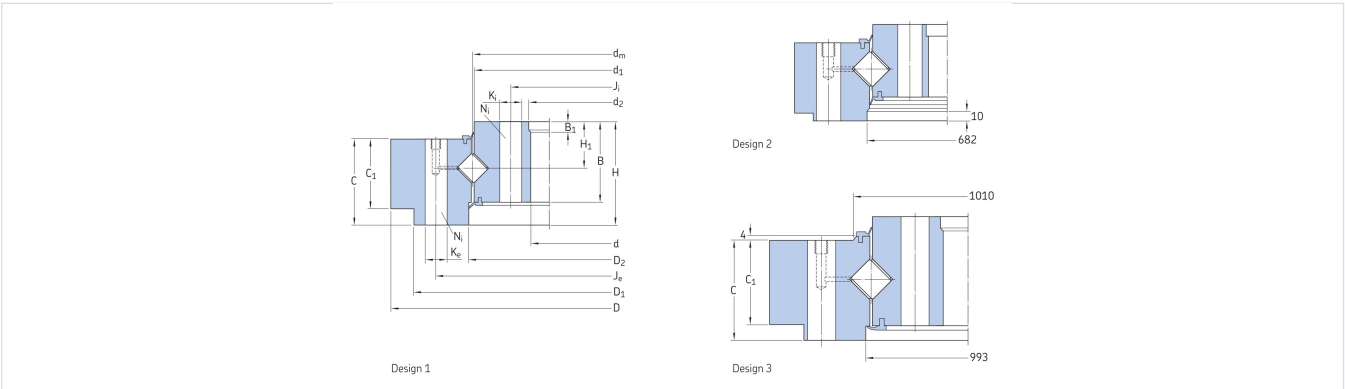
OVERALL ID

378 mm

GEAR

Ungeared

Published Technical Drawing



skf-p114-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.121405202001
Certified interchangeable with	SKF RKS.121405202001
Verification status	Level 3 - MERYDOM Engineering Verified
Reviewed by	MERYDOM Engineering Department
Public record UID	QZZL7TUP6V6R42QQJ5VRRCTFMT
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_UNGEARED Series
Reference model	RKS.121405202001
Bearing structure	Crossed Cylindrical Roller
Gear arrangement	Ungeared
DIMENSION	
Raceway diameter (dm)	474 mm
Overall outside diameter (D)	589.5 mm
Overall inside diameter (d)	378 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 height (H)	75 mm
SKF catalogue dimension H1 (H1)	37 mm
SKF catalogue dimension D1 (D1)	567 mm
SKF catalogue dimension D2 (D2)	476 mm
SKF catalogue dimension C (C)	60 mm
SKF catalogue dimension C1 (C1)	40 mm
SKF catalogue dimension d1 (d1)	472 mm
SKF catalogue dimension d2 (d2)	384 mm
SKF catalogue dimension B (B)	58 mm
SKF catalogue dimension B1 (B1)	10 mm
Mass (Mass)	64 kg
PERFORMANCE	
Basic dynamic axial load rating (C)	304 kN
Basic static axial load rating (C0)	1,050 kN
PERFORMANCE RATINGS	
Basic Dynamic Axial	304 kN
Basic Static Axial	1,050 kN
MOUNTING INTERFACES	
Outer ring mounting	holes -
Inner ring mounting	holes -

Complete Product Data

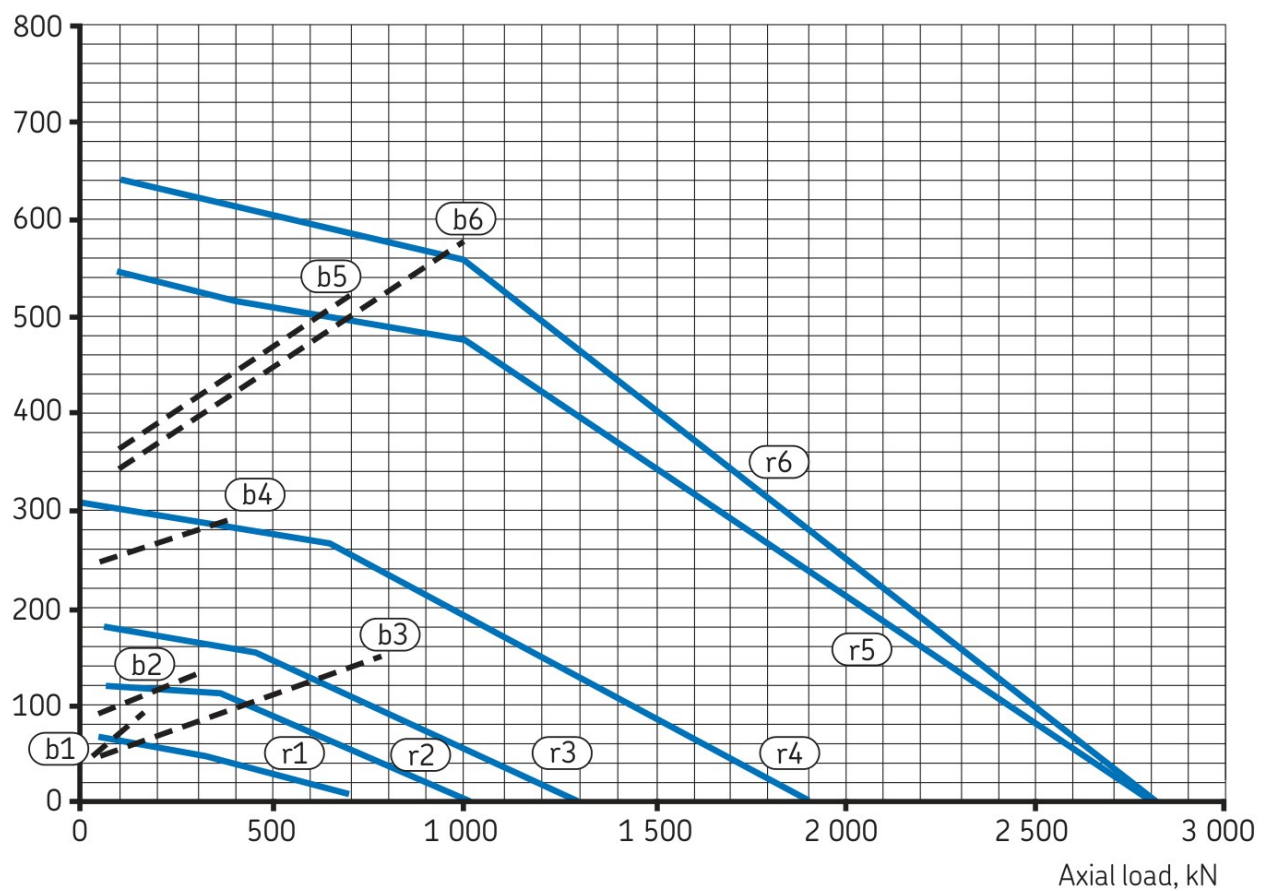
All values below are generated from the current public verified replacement record. Source values are retained and metric references are shown where available.

GEAR INTERFACE	
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	114
Printed page	114
Source language	EN
Original unit system	Metric
PUBLISHED TECHNICAL MEDIA	
Load Curve Chart	skf-p115-load-curve.webp SHA-256: 8d868a4f5288448d5310240a848a8ac7ee2292ad7b7b902bb5b2acb3725a7f91
Outline Drawing	skf-p114-outline-drawing.webp SHA-256: bfef483d68c3a2dc4e0286347f792d4c15a27134adc78525dc5bfb779d2b5f3a

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.

Tilting moment, kNm



skf-p115-load-curve.webp | SHA-256: 8d868a4f5288448d5310240a848a8ac7ee2292ad7b7b902bb5b2acb3725a7f91

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 QZZL7TUP6V6R42QQJ5VRRCTFMT	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 114 Printed page 114
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-121405202001/>

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