Factory-Verified Replacement

MERYDOM RKS.413290203001

Certified for interchange with SKF RKS.413290203001. 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.413290203001

REFERENCE
SKF RKS.413290203001

SERIES
SKF_ROLLER_CUSTOM_INTERNAL Series

STRUCTURE
Crossed Cylindrical Roller

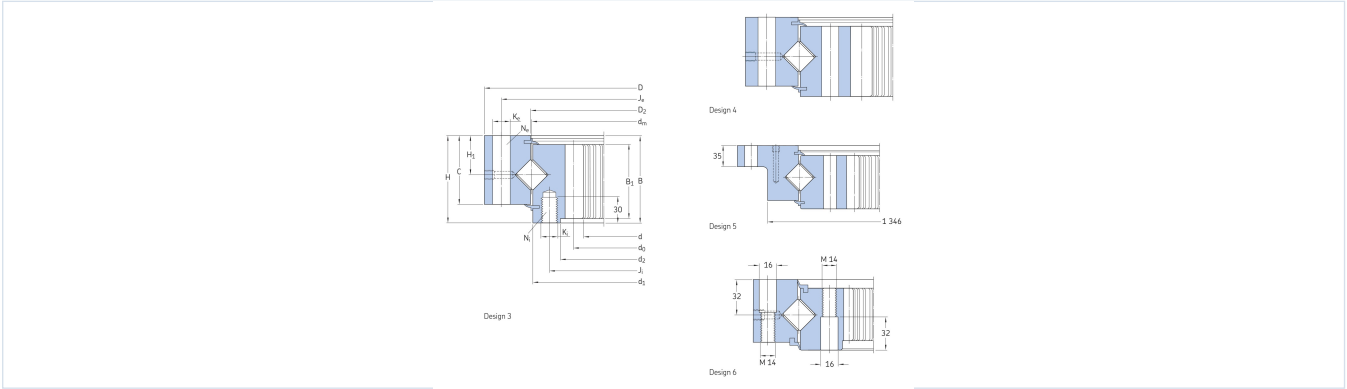
OVERALL OD
1,495 mm

OVERALL ID
1,164.8 mm

OVERALL HEIGHT
110 mm

GEAR
ten di li

Published Technical Drawing



skf-p112-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.413290203001
Certified interchangeable with	SKF RKS.413290203001
Verification status	Level 3 - MERYDOM Engineering Verified
Reviewed by	MERYDOM Engineering Department
Public record UID	2HV545MDXHQ3R5OT7YGLWPSWXJ
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.413290203001
Bearing structure	Crossed Cylindrical Roller
Gear arrangement	ten di li
DIMENSION	
Raceway diameter (dm)	1 350 mm
Overall outside diameter (D)	1 495 mm
Overall inside diameter (d)	1 164,8 mm

Complete Product Data

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DIMENSION (CONTINUED)	
Overall height (H)	110 mm
SKF catalogue dimension H1 (H1)	55 mm
SKF catalogue dimension D2 (D2)	1 352,5 mm
SKF catalogue dimension C (C)	93 mm
SKF catalogue dimension d1 (d1)	1 347,5 mm
SKF catalogue dimension B (B)	95 mm
Mass (Mass)	440 kg
PERFORMANCE	
Basic dynamic axial load rating (C)	842 kN
Basic static axial load rating (C0)	4 680 kN
PERFORMANCE RATINGS	
Basic Dynamic Axial	842 kN
Basic Static Axial	4 680 kN
MOUNTING INTERFACES	
Outer ring mounting	holes -
Inner ring mounting	holes -
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

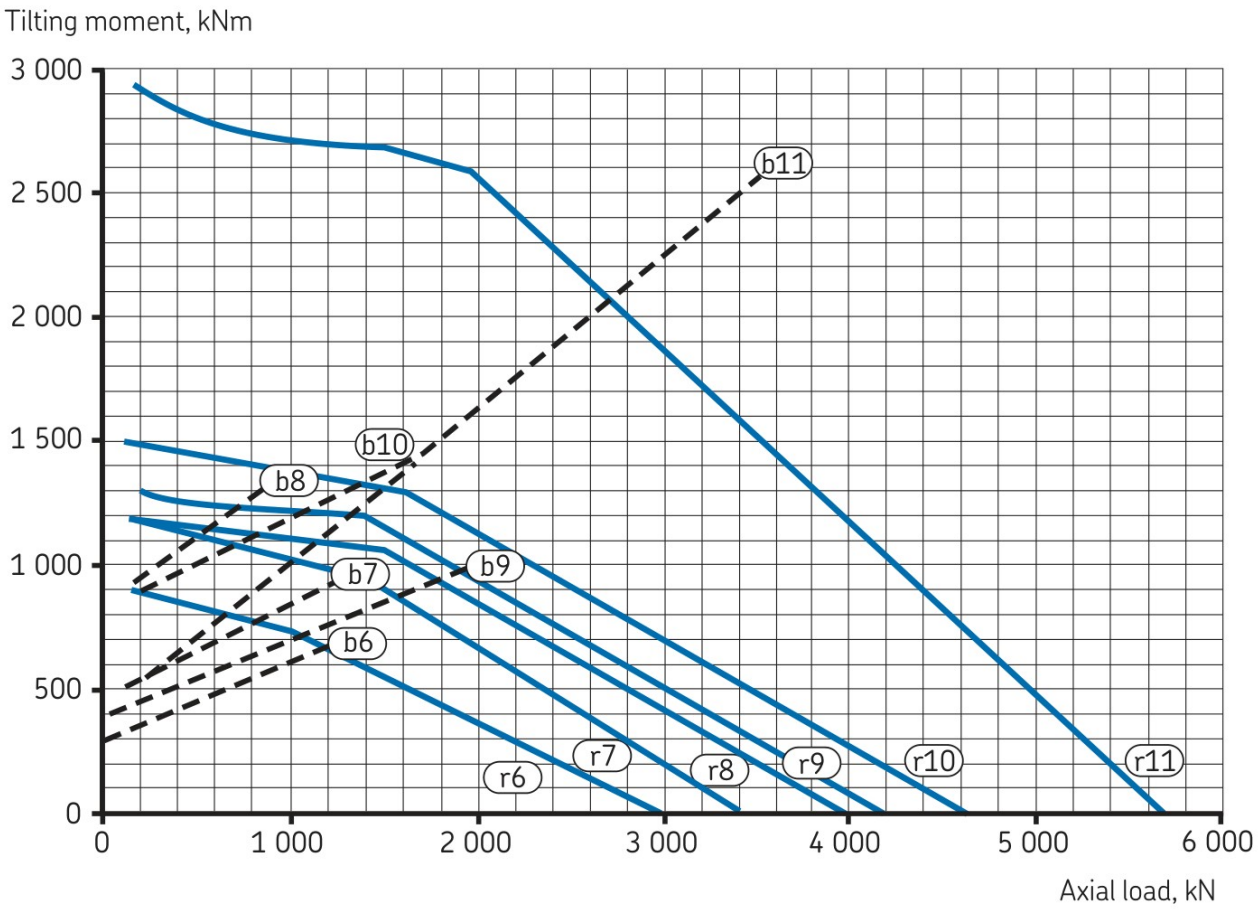
Complete Product Data

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

SOURCE TRACEABILITY (CONTINUED)	
PDF page	112
Printed page	112
Source language	EN
Original unit system	Metric
PUBLISHED TECHNICAL MEDIA	
Load Curve Chart	skf-p113-load-curve.webp | SHA-256: 35df5b4f914227f52838ed096981496b6ef499345b3728b61c8b5b1e01e75377
Outline Drawing	skf-p112-outline-drawing.webp | SHA-256: 131d096543ea1d9e5c2231f80866b5880f2f705e10d294d30fe287b36c8d4f02

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-p113-load-curve.webp | SHA-256: 35df5b4f914227f52838ed096981496b6ef499345b3728b61c8b5b1e01e75377

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

2HV545MDXHQ3R5OT7YGLWPSWXJ

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 112 | Printed page 112

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/tr/urunler/muadil-doner-tabla-rulmanlari/skf/rks-413290203001/