

Factory-Verified Replacement

MERYDOM VU 130225

Certified for interchange with INA VU 130225. 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

VU 130225

REFERENCE

INA VU 130225

SERIES

VU Series

STRUCTURE

Sfere a quattro punti di contatto

OVERALL OD

290 mm

OVERALL ID

200 mm

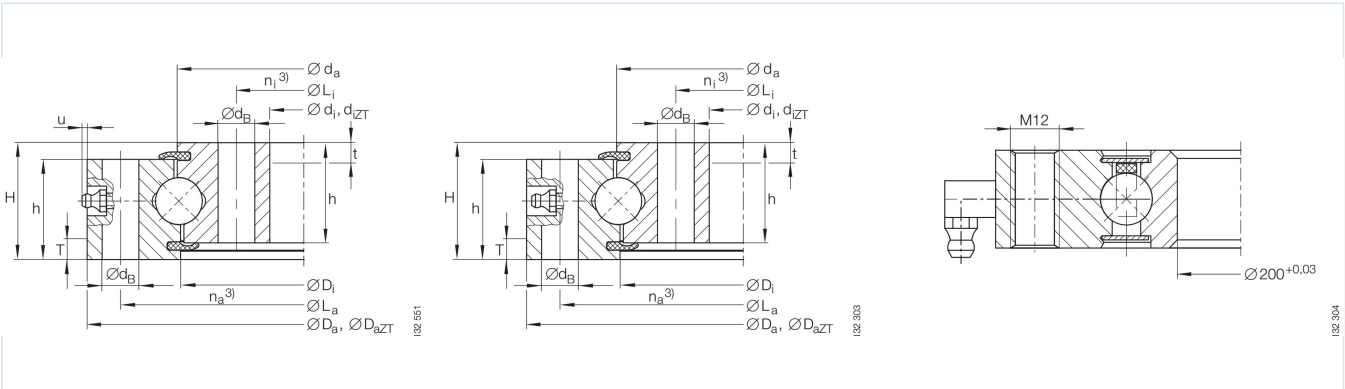
OVERALL HEIGHT

24 mm

GEAR

Senza dentatura

Published Technical Drawing



ina-g12-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	VU 130225
Certified interchangeable with	INA VU 130225
Verification status	Level 3 - MERYDOM Engineering Verified
Reviewed by	MERYDOM Engineering Department
Public record UID	EERND2XLOCGAEXCA25PGK7NBW3
MATERIALS	
Configurable ring material options	42CrMo / 50Mn
Seal material	NBR - Nitrile rubber
Configurable spacer material options	Engineering nylon / Brass
IDENTIFICATION	
Reference brand	INA
Reference series	VU Series
Reference model	VU 130225
Bearing structure	Sfere a quattro punti di contatto
Gear arrangement	Senza dentatura
DIMENSION	
Mass (Mass)	5,4 kg
Overall outside diameter (Da)	290 mm
Overall inside diameter (di)	200 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)	
Catalog diameter Di (Di)	237,6 mm
Catalog diameter da (da)	213 mm
Overall height (H)	24 mm
Inner height (h)	24 mm
MOUNTING	
Outer ring bolt circle (La)	270 mm
Outer ring mounting-hole count (na)	6
PERFORMANCE	
Maximum permissible radial load (Fr perm)	19,8 kN
Basic dynamic axial load rating (Ca)	49 kN
Basic static axial load rating (C0a)	87 kN
Basic dynamic radial load rating (Cr)	46 kN
Basic static radial load rating (C0r)	39,5 kN
Radial clearance (Radial clearance)	0,02 incl. 0,06 mm
Axial tilting clearance (Axial tilting clearance)	0,05 incl. 0,16 mm
PERFORMANCE RATINGS	
Rating Radial Static	39,5 kN Not simultaneous with other listed dynamic ratings
Rating Axial Static	87 kN Not simultaneous with other listed dynamic ratings
Rating Radial Dynamic	46 kN Not simultaneous with other listed dynamic ratings
Rating Axial Dynamic	49 kN Not simultaneous with other listed dynamic ratings

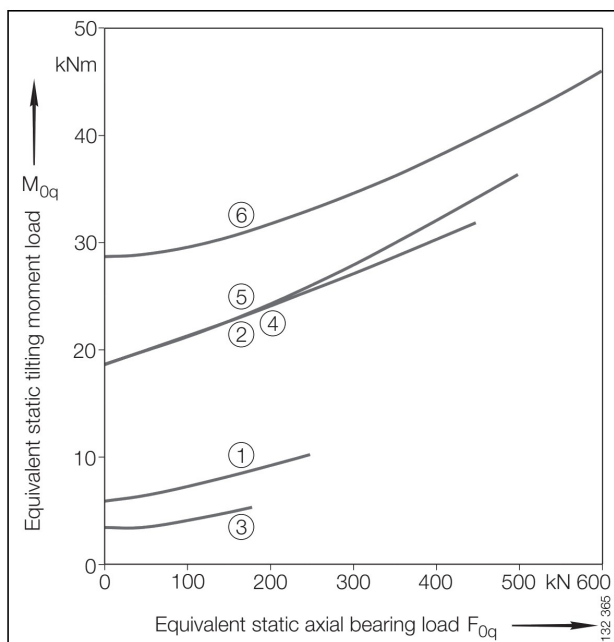
Complete Product Data

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

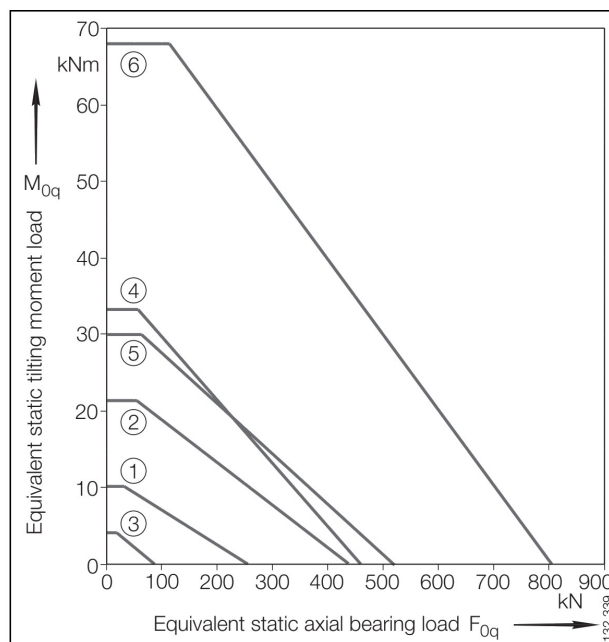
PERFORMANCE RATINGS (CONTINUED)	
Rating Radial Load Max	19,8 kN Not simultaneous with other listed dynamic ratings
MOUNTING INTERFACES	
Outer ring mounting	6 holes - See source drawing
Inner ring mounting	holes - See source drawing
GEAR INTERFACE	
Integral gear	Not applicable - ungeared bearing
SOURCE TRACEABILITY	
Source document code	INA-SLEWING-RINGS-CATALOGUE-404-2012
Source file	404_de_en_1.pdf
PDF page	76
Printed page	74
Source language	EN-DE
Original unit system	Metric
PUBLISHED TECHNICAL MEDIA	
Load Curve Chart	ina-g12-curve.webp SHA-256: 1eb83426df52b19595171e63bd9e930b800461bd5847bdab534664f92d141097
Outline Drawing	ina-g12-drawing.webp SHA-256: b2585d522c29c1b420c9edc396c1ef5e477b3c81799f68d333725df739812316

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.



Static limiting load diagram



Static limiting load diagram

ina-g12-curve.webp | SHA-256: 1eb83426df52b19595171e63bd9e930b800461bd5847bdab534664f92d141097

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**EERND2XLOCGAEXCA25PGK7NBW3****SOURCE DOCUMENT****INA-SLEWING-RINGS-CATALOGUE-404-2012****SOURCE FILE****404_de_en_1.pdf****SOURCE LOCATION****PDF page 76 | Printed page 74****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

Email: jovi@merydom.com | Email: andi@merydom.com | WhatsApp: +86 17705201170Product page: <https://rotnex.com/it/prodotti/cuscinetti-di-rotazione-sostitutivi/ina/vu-130225/>

Trademark and legal notice: referenced brand and model names are used only for identification and cross-reference. MERYDOM is an independent manufacturer and is not affiliated with or endorsed by the referenced brand unless expressly stated.