

Factory-Verified Replacement

MERYDOM XA 200352 H

Certified for interchange with INA XA 200352 H. 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

XA 200352 H

SERIES

XA Series

OVERALL OD

462 mm

OVERALL HEIGHT

59 mm

REFERENCE

INA XA 200352 H

STRUCTURE

apraz makaral

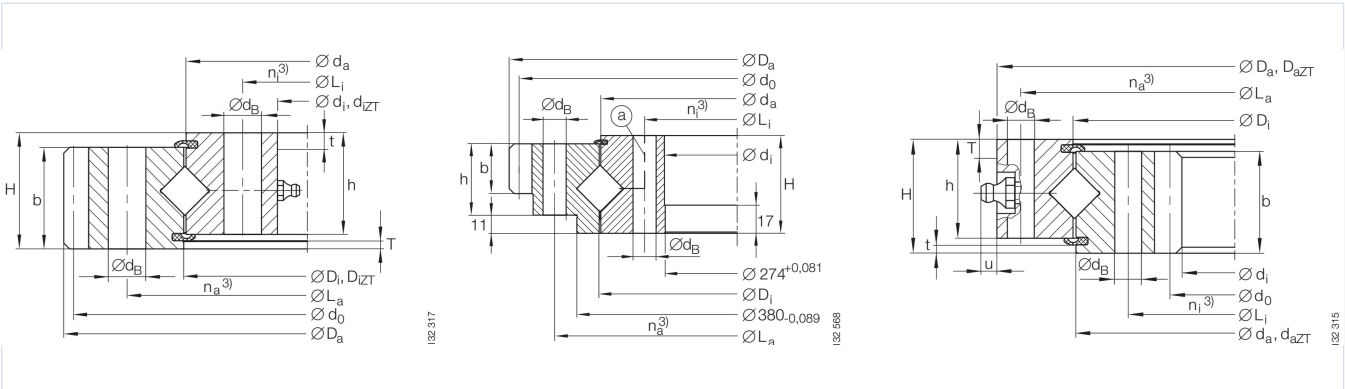
OVERALL ID

274 mm

GEAR

D tan di li

Published Technical Drawing



ina-g17-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	XA 200352 H
Certified interchangeable with	INA XA 200352 H
Verification status	Level 3 - MERYDOM Engineering Verified
Reviewed by	MERYDOM Engineering Department
Public record UID	M544U43H4L2BB2WB66PAY7AWYA
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	XA Series
Reference model	XA 200352 H
Bearing structure	apraz makaral
Gear arrangement	D tan di li
DIMENSION	
Mass (Mass)	34,5 kg
Overall outside diameter (Da)	462 mm
Overall inside diameter (di)	274 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)	353 mm
Catalog diameter da (da)	351 mm
Overall height (H)	59 mm
Inner height (h)	54 mm
MOUNTING	
Outer ring bolt circle (La)	407 mm
Inner ring bolt circle (Li)	298 mm
Outer ring mounting-hole count (na)	24
Inner ring mounting-hole count (ni)	24
Common mounting-hole diameter (dB)	14 mm
GEAR	
Gear pitch diameter (d0)	450 mm
Gear module (m)	6 mm
Gear tooth count (z)	75
Gear face width (b)	30 mm
PERFORMANCE	
Maximum permissible radial load (Fr perm)	99,1 kN
Normal tooth force (Fznorm)	20,9 kN
Maximum tooth force (Fzmax)	34,5 kN
Basic dynamic axial load rating (Ca)	335 kN

Complete Product Data

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PERFORMANCE (CONTINUED)	
Basic static axial load rating (C0a)	720 kN
Basic dynamic radial load rating (Cr)	214 kN
Basic static radial load rating (C0r)	355 kN
Preload (Preload)	0 incl. 0,02 mm
PERFORMANCE RATINGS	
Rating Radial Static	355 kN Not simultaneous with other listed dynamic ratings
Rating Axial Static	720 kN Not simultaneous with other listed dynamic ratings
Rating Radial Dynamic	214 kN Not simultaneous with other listed dynamic ratings
Rating Axial Dynamic	335 kN Not simultaneous with other listed dynamic ratings
Rating Tooth Force Max	34,5 kN Not simultaneous with other listed dynamic ratings
Rating Tooth Force Normal	20,9 kN Not simultaneous with other listed dynamic ratings
Rating Radial Load Max	99,1 kN Not simultaneous with other listed dynamic ratings
MOUNTING INTERFACES	
Outer ring mounting	24 holes - dB 14 mm
Inner ring mounting	24 holes - dB 14 mm
GEAR INTERFACE	
Pitch system	module
Module reference	6 mm
Number of teeth	75
SOURCE TRACEABILITY	

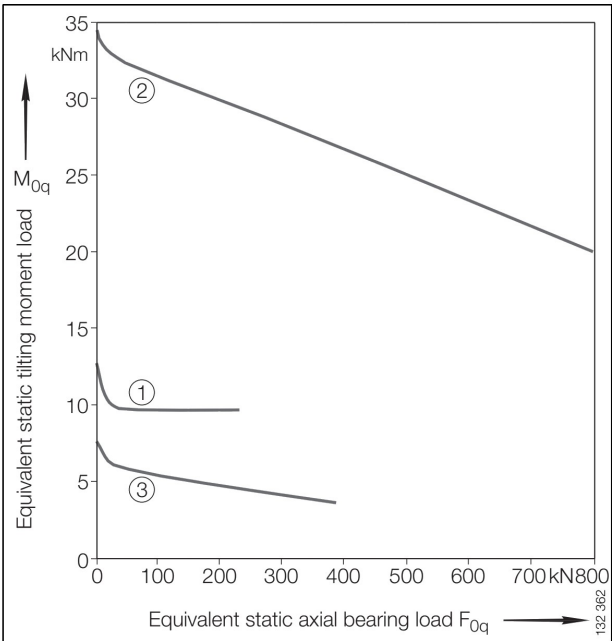
Complete Product Data

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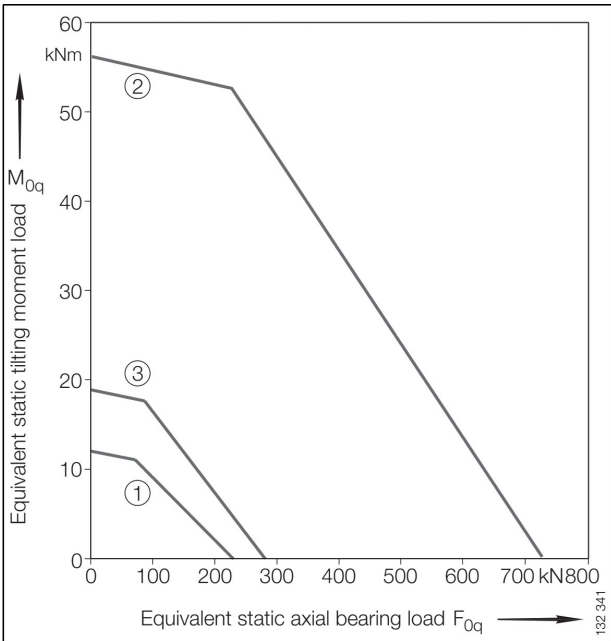
SOURCE TRACEABILITY (CONTINUED)	
Source document code	INA-SLEWING-RINGS-CATALOGUE-404-2012
Source file	404_de_en_1.pdf
PDF page	90
Printed page	88
Source language	EN-DE
Original unit system	Metric
PUBLISHED TECHNICAL MEDIA	
Load Curve Chart	ina-g17-curve.webp SHA-256: 65958fde54e81ea0cc019594cd625f5b29c2e290e626a6c7f9db6a9939b89e56
Outline Drawing	ina-g17-drawing.webp SHA-256: ac8a931385fa20eeb36124ae0ed4fcd56cbe85f6f88ac9f8581c94d3c6691277

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-g17-curve.webp | SHA-256: 65958fde54e81ea0cc019594cd625f5b29c2e290e626a6c7f9db6a9939b89e56

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 M544U43H4L2BB2WB66PAY7AWYA	SOURCE DOCUMENT INA-SLEWING-RINGS-CATALOGUE-404-2012
SOURCE FILE 404_de_en_1.pdf	SOURCE LOCATION PDF page 90 Printed page 88
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 17705201170

Product page: <https://rotnex.com/tr/urunler/muadil-doner-tabla-rulmanlari/ina/xa-200352-h/>

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