

Factory-Verified Replacement

MERYDOM 11-40 1298/2-00767

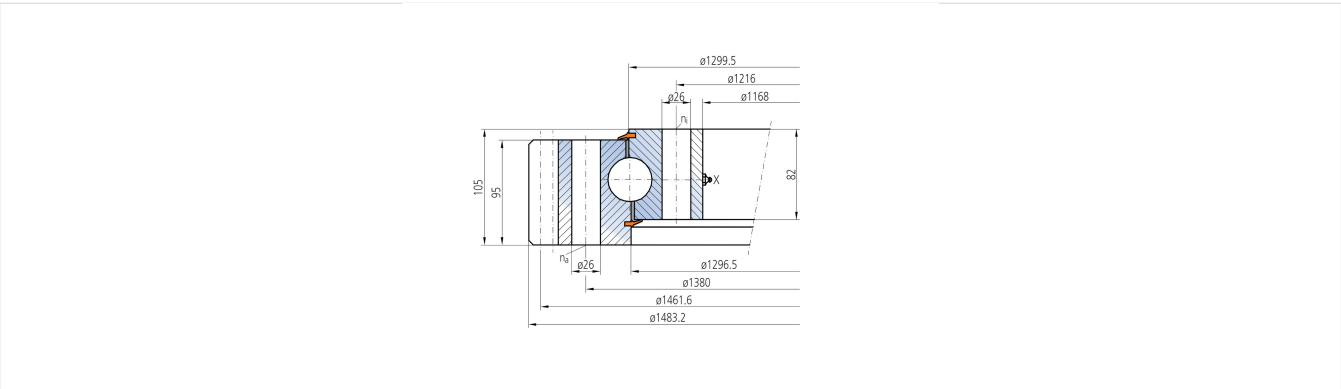
Certified for interchange with IMO 11-40 1298/2-00767.
This document consolidates the public product record,
complete published specifications, technical media,
source traceability and engineering confirmation notes.

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
11-40 1298/2-00767	IMO 11-40 1298/2-00767
SERIES	STRUCTURE
OTHER_STANDARD_BALL Series	Four-point contact ball
OVERALL OD	OVERALL ID
mm	mm
OVERALL HEIGHT	GEAR
mm	External gear

Published Technical Drawing



imo-11401298200767-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	11-40 1298/2-00767
Certified interchangeable with	IMO 11-40 1298/2-00767
Verification status	Level 3 - MERYDOM Engineering Verified
Reviewed by	MERYDOM Engineering Department
Public record UID	JZBXT5RMWYMEGHNP2AOAYQ53W4
MATERIALS	
Configurable ring material options	42CrMo / 50Mn
Seal material	NBR - Nitrile rubber
Configurable spacer material options	Engineering nylon / Brass
IDENTIFICATION	
Reference brand	IMO
Reference series	OTHER_STANDARD_BALL Series
Reference model	11-40 1298/2-00767
Bearing structure	Four-point contact ball
Gear arrangement	External gear
DIMENSION	
Assembly weight (G)	362 kg
MOUNTING	
Outer ring mounting-hole count (na)	60

Complete Product Data

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MOUNTING (CONTINUED)	
Inner ring mounting-hole count (ni)	59*
GEAR	
Gear module (m)	12 mm
Gear tooth count (z)	120
Addendum modification coefficient (x)	0.9
PERFORMANCE	
Permitted circumferential force, normal (fz_norm)	107 kN
Permitted circumferential force, maximum (fz_max)	185 kN
Static radial load rating (Co_rad)	1,676 kN
Static axial load rating (Co_ax)	4,485 kN
Dynamic radial load rating (C_rad)	586 kN
Dynamic axial load rating (C_ax)	682 kN
PERFORMANCE RATINGS	
Fz Norm	107 kN Not simultaneous with other listed dynamic ratings
Fz Max	185 kN Not simultaneous with other listed dynamic ratings
Co Rad	1,676 kN Not simultaneous with other listed dynamic ratings
Co Ax	4,485 kN Not simultaneous with other listed dynamic ratings
C Rad	586 kN Not simultaneous with other listed dynamic ratings
C Ax	682 kN Not simultaneous with other listed dynamic ratings

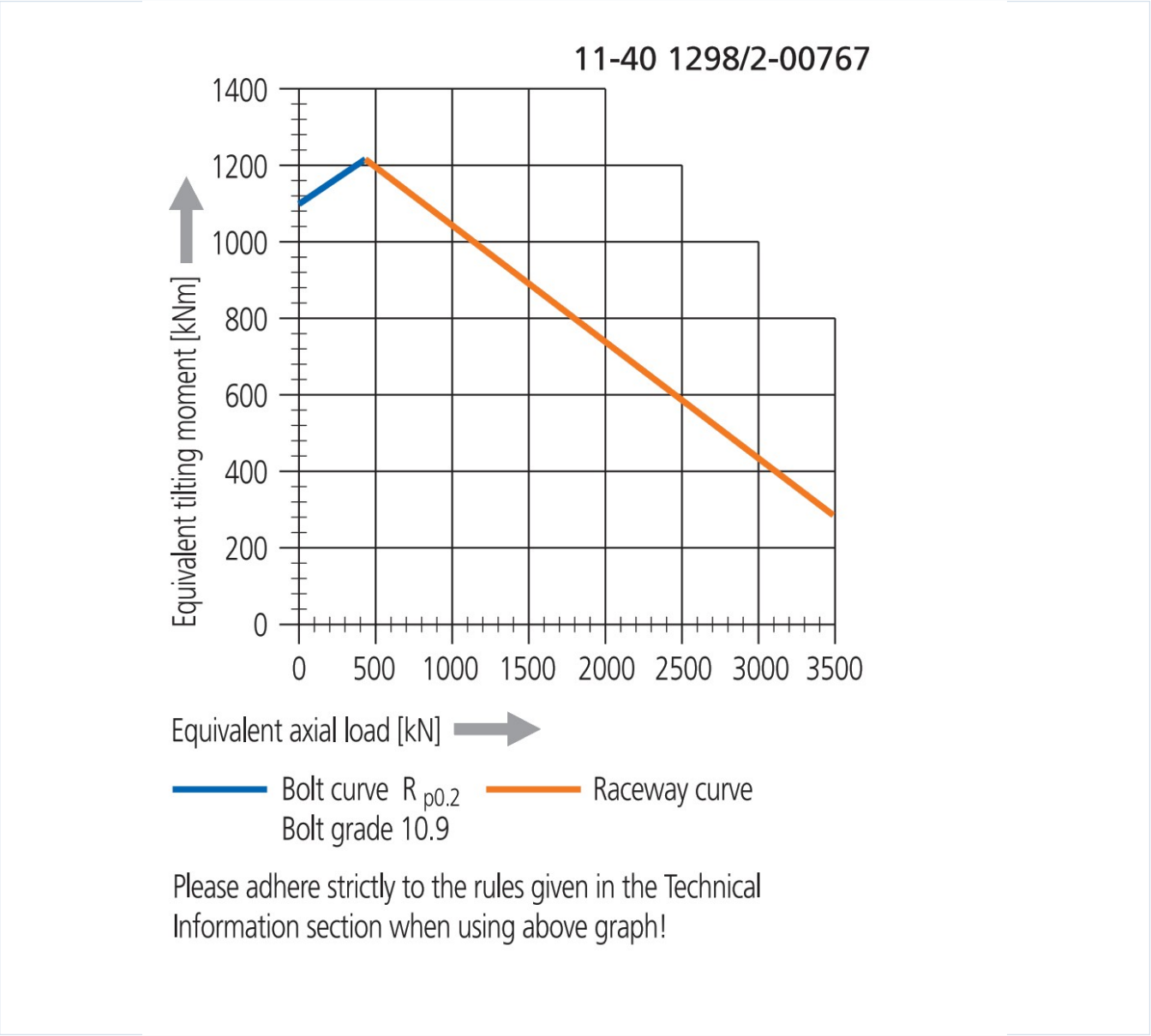
Complete Product Data

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

MOUNTING INTERFACES	
Outer ring mounting	60 holes - See source drawing
Inner ring mounting	59 holes - See source drawing
GEAR INTERFACE	
Pitch system	module
Module reference	12 mm
Number of teeth	120
SOURCE TRACEABILITY	
Source document code	IMO_OTHER_STANDARD_BALL_EN
Source file	imo_weitere_standard-kugeldrehverbindungen-en.pdf
PDF page	23
Printed page	Not published
Source language	EN
Original unit system	Metric
PUBLISHED TECHNICAL MEDIA	
Load Curve Chart	imo-11401298200767-curve.webp SHA-256: a6a961f0e4d6e5e792546149609b39fd3b96dc25213fcb21d792f9ac7f14e185
Outline Drawing	imo-11401298200767-drawing.webp SHA-256: 9dff693f44578c67c09bc2ac77e95d9e007736b20ec2bcd2b7720aca4437c1bc

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.



imo-11401298200767-curve.webp | SHA-256: a6a961f0e4d6e5e792546149609b39fd3b96dc25213fcb21d792f9ac7f14e185

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 JZBXT5RMWYMEGHNP2AOAYQ53W4	SOURCE DOCUMENT IMO_OTHER_STANDARD_BALL_EN
SOURCE FILE imo_weitere_standard-kugeldrehverbindungen-en.pdf	SOURCE LOCATION PDF page 23 Printed page Not published
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/products/slewing-bearing-replacements/imo/11-40-1298-2-00767/>

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