

Factory-Verified Replacement

MERYDOM 10-25 0380/0-03908

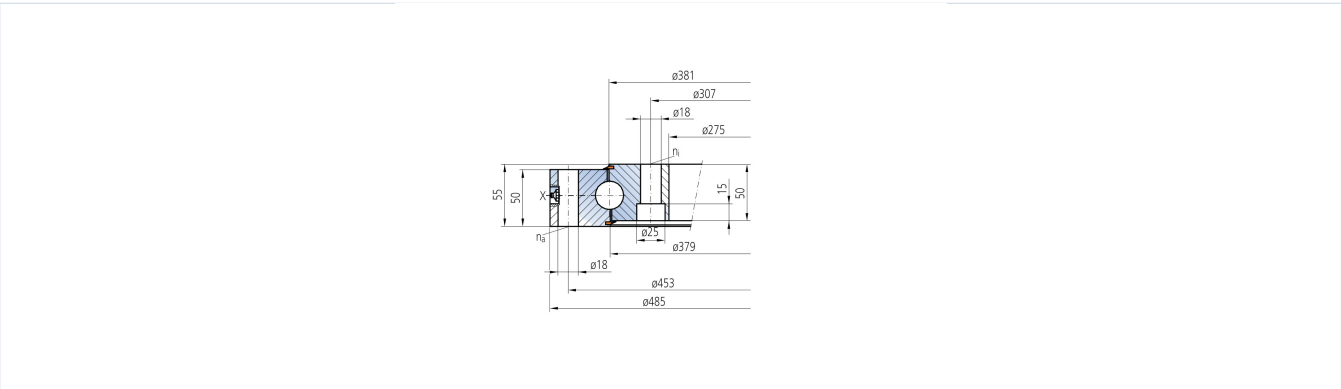
Certified for interchange with IMO 10-25 0380/0-03908.
This document consolidates the public product record,
complete published specifications, technical media,
source traceability and engineering confirmation notes.

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
10-25 0380/0-03908	IMO 10-25 0380/0-03908
SERIES	STRUCTURE
OTHER_STANDARD_BALL Series	D rt nokta temasl bilyal
OVERALL OD	OVERALL ID
mm	mm
OVERALL HEIGHT	GEAR
mm	Di lisiz

Published Technical Drawing



imo-10250380003908-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	10-25 0380/0-03908
Certified interchangeable with	IMO 10-25 0380/0-03908
Verification status	Level 3 - MERYDOM Engineering Verified
Reviewed by	MERYDOM Engineering Department
Public record UID	C7S5MOO7ZIJ5JX4Z4QIDCEEN2V
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	10-25 0380/0-03908
Bearing structure	D rt nokta temasl bilyal
Gear arrangement	Di lisiz
DIMENSION	
Assembly weight (G)	41 kg
MOUNTING	
Outer ring mounting-hole count (na)	16

Complete Product Data

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MOUNTING (CONTINUED)	
Inner ring mounting-hole count (ni)	16
PERFORMANCE	
Static radial load rating (Co_rad)	392 kN
Static axial load rating (Co_ax)	1 050 kN
Dynamic radial load rating (C_rad)	298 kN
Dynamic axial load rating (C_ax)	346 kN
PERFORMANCE RATINGS	
Co Rad	392 kN Not simultaneous with other listed dynamic ratings
Co Ax	1 050 kN Not simultaneous with other listed dynamic ratings
C Rad	298 kN Not simultaneous with other listed dynamic ratings
C Ax	346 kN Not simultaneous with other listed dynamic ratings
MOUNTING INTERFACES	
Outer ring mounting	16 holes - See source drawing
Inner ring mounting	16 holes - See source drawing
GEAR INTERFACE	
Integral gear	Not applicable - ungeared bearing
SOURCE TRACEABILITY	
Source document code	IMO_OTHER_STANDARD_BALL_EN
Source file	imo_weitere_standard-kugeldrehverbindungen-en.pdf
PDF page	7

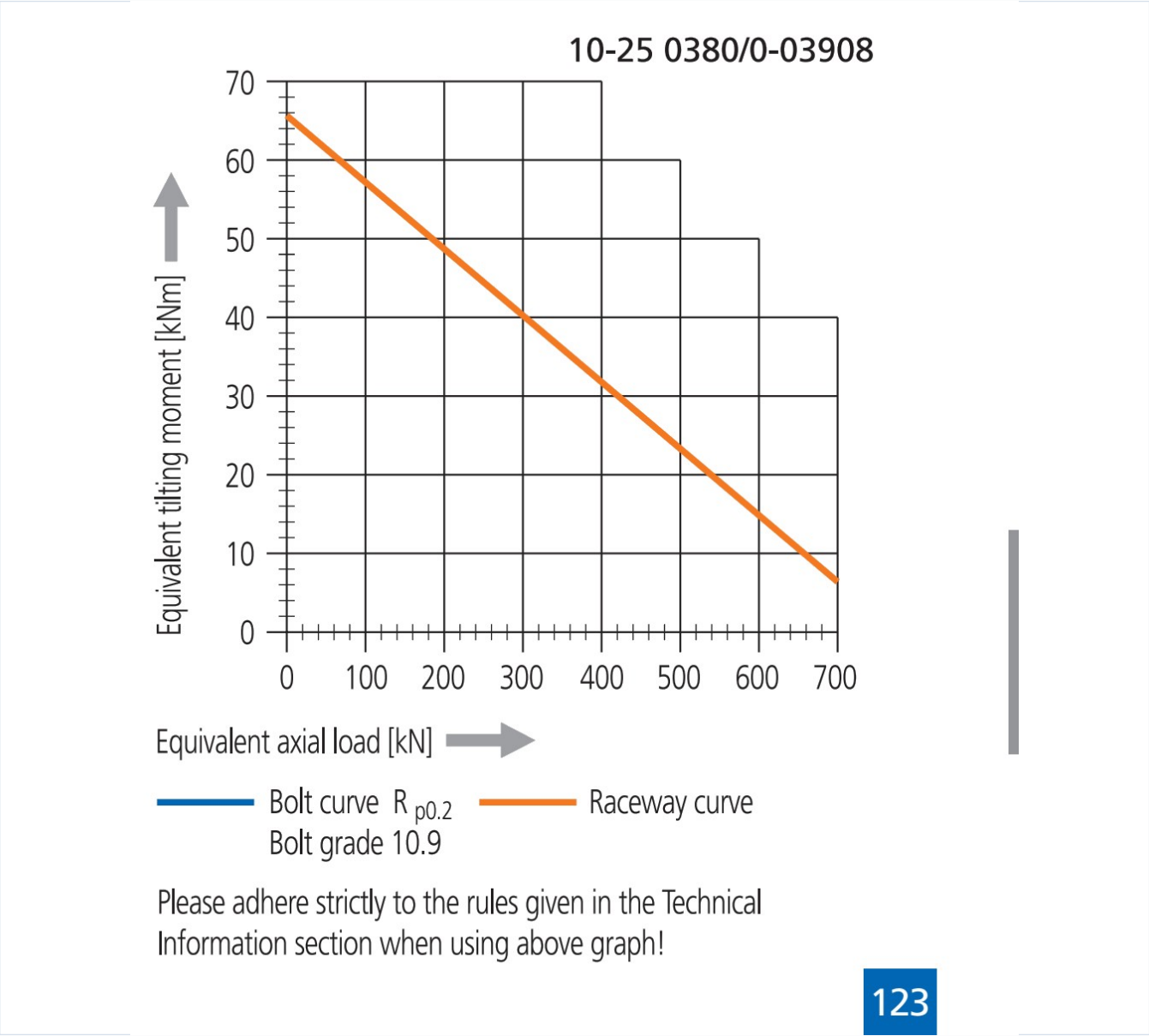
Complete Product Data

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)	
Printed page	Not published
Source language	EN
Original unit system	Metric
PUBLISHED TECHNICAL MEDIA	
Load Curve Chart	imo-10250380003908-curve.webp SHA-256: afbe4492bed6fd7559d4f6f16db3abada79adcf5ffc79afdb65780fed44866ba
Outline Drawing	imo-10250380003908-drawing.webp SHA-256: 4680b2ab5eec41398f394568589e5b2cd43f0da1b7b1db92f2123c4ac9a069df

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-10250380003908-curve.webp | SHA-256: afbe4492bed6fd7559d4f6f16db3abada79adcf5ffc79afdb65780fed44866ba

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

C7S5MOO7ZI5JX4Z4QIDCEEN2V

SOURCE DOCUMENT

IMO_OTHER_STANDARD_BALL_EN

SOURCE FILE

imo_weitere_standard-kugeldrehverbindungen-en.pdf

SOURCE LOCATION

PDF page 7 | 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

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Product page: <https://rotnex.com/tr/urunler/muadil-doner-tabla-rulmanlari/imo/10-25-0380-0-03908/>

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