

Factory-Verified Replacement

MERYDOM 11-32 0675/2-03771

Certified for interchange with IMO 11-32 0675/2-03771.
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

11-32 0675/2-03771

REFERENCE

IMO 11-32 0675/2-03771

SERIES

OTHER_STANDARD_BALL Series

STRUCTURE

Sfere a quattro punti di contatto

OVERALL OD

mm

OVERALL ID

mm

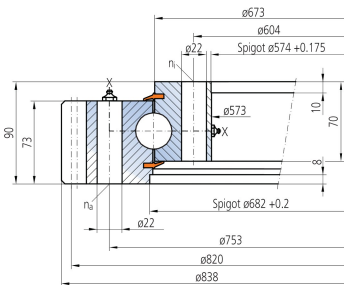
OVERALL HEIGHT

mm

GEAR

Dentatura esterna

Published Technical Drawing



imo-11320675203771-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	11-32 0675/2-03771
Certified interchangeable with	IMO 11-32 0675/2-03771
Verification status	Level 3 - MERYDOM Engineering Verified
Reviewed by	MERYDOM Engineering Department
Public record UID	TGINTAWRPQFTUDPTXWBUZSVLTP
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	11-32 0675/2-03771
Bearing structure	Sfere a quattro punti di contatto
Gear arrangement	Dentatura esterna
DIMENSION	
Assembly weight (G)	91 kg
MOUNTING	
Outer ring mounting-hole count (na)	30

Complete Product Data

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MOUNTING (CONTINUED)	
Inner ring mounting-hole count (ni)	29*
GEAR	
Gear module (m)	6 mm
Gear tooth count (z)	112
Addendum modification coefficient (x)	0,5
PERFORMANCE	
Permitted circumferential force, normal (fz_norm)	24 kN
Permitted circumferential force, maximum (fz_max)	44 kN
Static radial load rating (Co_rad)	568 kN
Static axial load rating (Co_ax)	1.519 kN
Dynamic radial load rating (C_rad)	344 kN
Dynamic axial load rating (C_ax)	400 kN
PERFORMANCE RATINGS	
Fz Norm	24 kN Not simultaneous with other listed dynamic ratings
Fz Max	44 kN Not simultaneous with other listed dynamic ratings
Co Rad	568 kN Not simultaneous with other listed dynamic ratings
Co Ax	1.519 kN Not simultaneous with other listed dynamic ratings
C Rad	344 kN Not simultaneous with other listed dynamic ratings
C Ax	400 kN Not simultaneous with other listed dynamic ratings
MOUNTING INTERFACES	

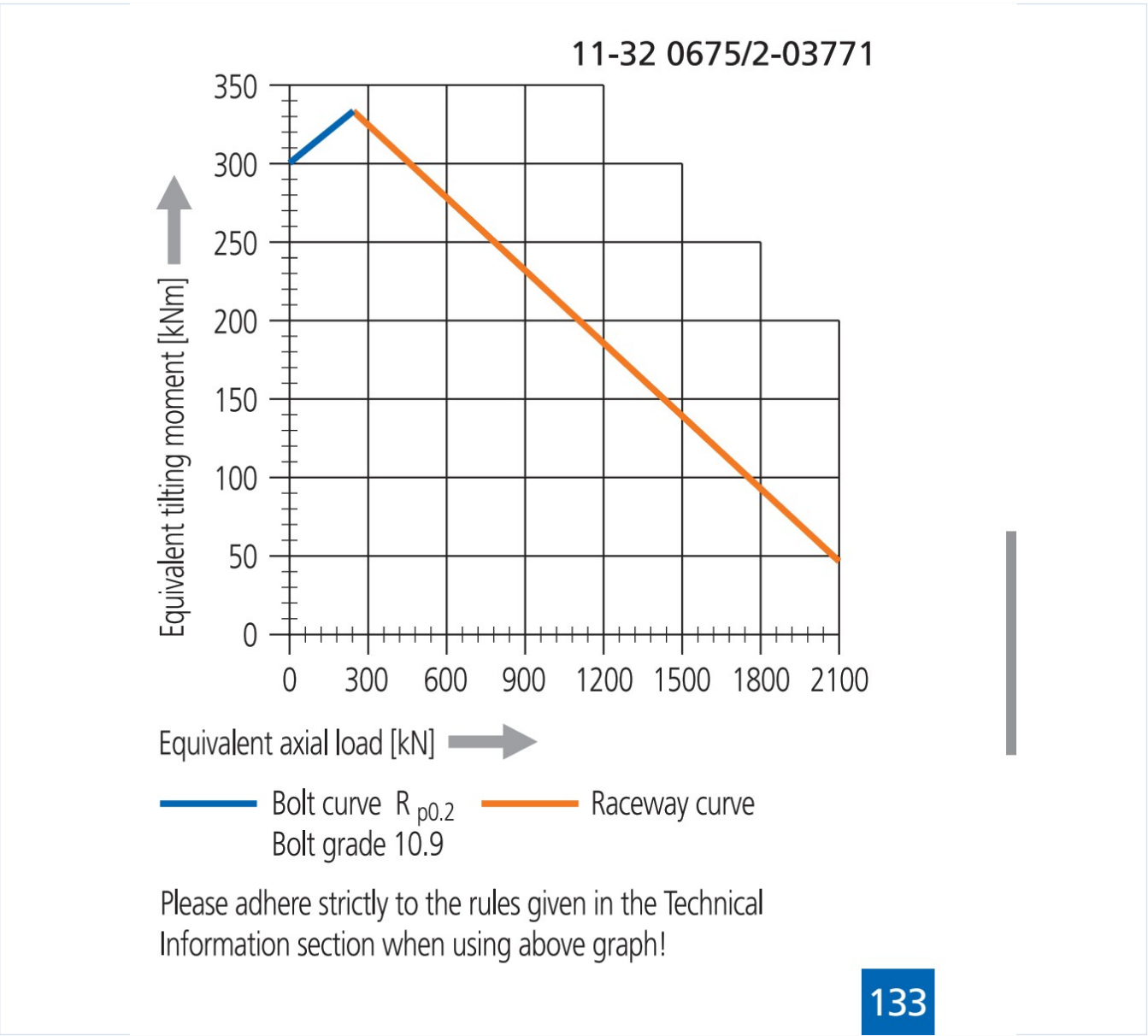
Complete Product Data

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 (CONTINUED)	
Outer ring mounting	30 holes - See source drawing
Inner ring mounting	29 holes - See source drawing
GEAR INTERFACE	
Pitch system	module
Module reference	6 mm
Number of teeth	112
SOURCE TRACEABILITY	
Source document code	IMO_OTHER_STANDARD_BALL_EN
Source file	imo_weitere_standard-kugeldrehverbindungen-en.pdf
PDF page	17
Printed page	Not published
Source language	EN
Original unit system	Metric
PUBLISHED TECHNICAL MEDIA	
Load Curve Chart	imo-11320675203771-curve.webp SHA-256: a1a7824465601163311038a6a85aa3e325ecb3ca9eb72564f1eecf76c5 c100f2
Outline Drawing	imo-11320675203771-drawing.webp SHA-256: f1888fe7c3d424a3c7f9f4608b3819d4933e47f91bc5dc63aa820a83da 6d540c

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-11320675203771-curve.webp | SHA-256: a1a7824465601163311038a6a85aa3e325ecb3ca9eb72564f1eecf76c5c100f2

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

TGINTAWRPQFTUDPTXWBUZSVLTP

SOURCE DOCUMENT

IMO_OTHER_STANDARD_BALL_EN

SOURCE FILE

imo_weitere_standard-kugeldrehverbindungen-en.pdf

SOURCE LOCATION

PDF page 17 | 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/it/prodotti/cuscinetti-di-rotazione-sostitutivi/imo/11-32-0675-2-03771/>

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