

Factory-Verified Replacement

MERYDOM E.1100.25.00.B

Certified for interchange with Torriani Gianni E.1100.25.00.B. 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
E.1100.25.00.B

REFERENCE
Torriani Gianni E.1100.25.00.B

SERIES
E_25_B Series

STRUCTURE
Esferas de contato de quatro pontos

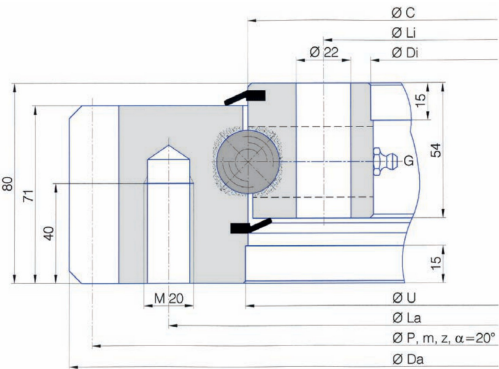
OVERALL OD
1,096 mm

OVERALL ID
857 mm

OVERALL HEIGHT
mm

GEAR
Engrenagem externa

Published Technical Drawing



e_25_b-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	E.1100.25.00.B
Certified interchangeable with	Torriani Gianni E.1100.25.00.B
Verification status	Level 3 - MERYDOM Engineering Verified
Reviewed by	MERYDOM Engineering Department
Public record UID	ABQTHHTZFNJICXXCPK2AGCD6S5
MATERIALS	
Configurable ring material options	42CrMo / 50Mn
Seal material	NBR - Nitrile rubber
Configurable spacer material options	Engineering nylon / Brass
IDENTIFICATION	
Reference brand	Torriani Gianni
Reference series	E_25_B Series
Reference model	E.1100.25.00.B
Bearing structure	Esferas de contato de quatro pontos
Gear arrangement	Engrenagem externa
DIMENSION	
Overall outside diameter (Da)	1.096 mm
Torriani catalogue dimension U (U)	955 mm
Torriani catalogue dimension C (C)	954 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)	
Overall inside diameter (Di)	857 mm
Mass (Kg)	155 kg
MOUNTING	
Outer ring bolt circle (La)	1.016 mm
Outer ring mounting-hole count (na)	30
Inner ring bolt circle (Li)	895 mm
Inner ring mounting-hole count (ni)	30
GEAR	
Gear pitch diameter (P)	1.080 mm
Gear module (m)	9 mm
Gear tooth count (z)	120
PERFORMANCE	
Normal tooth force (Fz_normal)	34,1 kN
Maximum tooth force (Fz_max)	68,2 kN
PERFORMANCE RATINGS	
Rating Tooth Force Normal	34,1 kN Not simultaneous with other listed dynamic ratings
Rating Tooth Force Max	68,2 kN Not simultaneous with other listed dynamic ratings
MOUNTING INTERFACES	
Outer ring mounting	30 holes -
Inner ring mounting	30 holes -

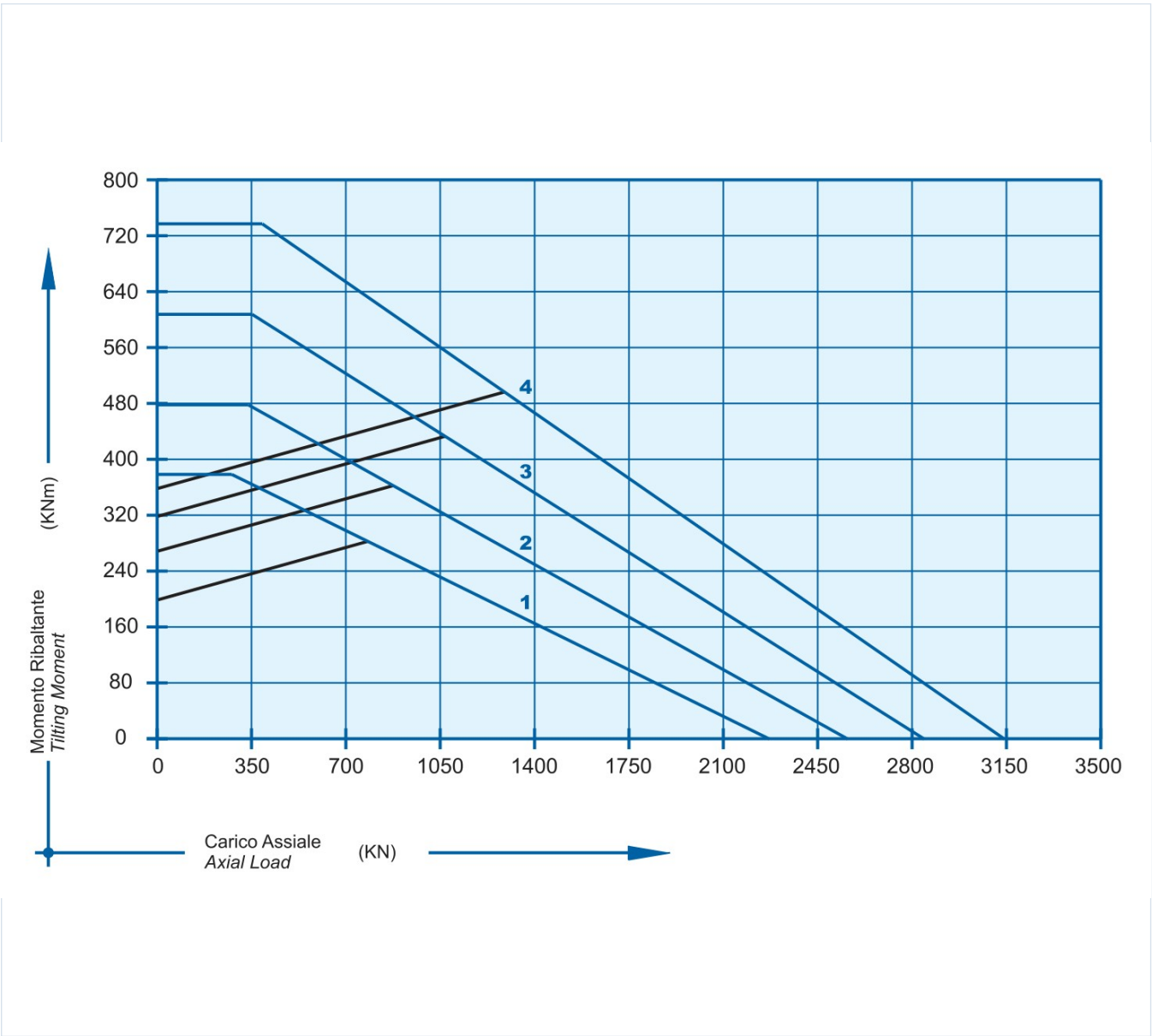
Complete Product Data

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

GEAR INTERFACE	
Pitch system	module
Module reference	9 mm
Number of teeth	120
SOURCE TRACEABILITY	
Source document code	TORRIANI_GIANNI_BALL_BEARINGS_CATALOG
Source file	catalogo-torriani-cuscinetti-a-sfere.pdf
PDF page	19
Printed page	19
Source language	IT-EN
Original unit system	Metric
PUBLISHED TECHNICAL MEDIA	
Load Curve Chart	e_25_b-static-load-curve.webp SHA-256: 01ceb7c208ec4c98d4843c95a14923931523ac722674199a725dfcd796df1642
Outline Drawing	e_25_b-drawing.webp SHA-256: cd9f35db3e750b5871455739f756f96c41cf63e1ad27dd1ee13d013a358f2436

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.



e_25_b-static-load-curve.webp | SHA-256: 01ceb7c208ec4c98d4843c95a14923931523ac722674199a725dfcd796df1642

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

ABQTHHTZFNJICXXCPK2AGCD6S5

SOURCE FILE

catalogo-torriani-cuscinetti-a-sfere
.pdf

VERIFICATION

Level 3 - MERYDOM Engineering
Verified

SOURCE DOCUMENT

TORRIANI_GIANNI_BALL_BEARINGS_CATALOG

SOURCE LOCATION

PDF page 19 | Printed page 19

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/pt/produtos/rolamentos-de-giro-de-substituicao/torriani-gianni/e-1100-25-00-b/>

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