

Factory-Verified Replacement

MERYDOM E.1200.25.00.B

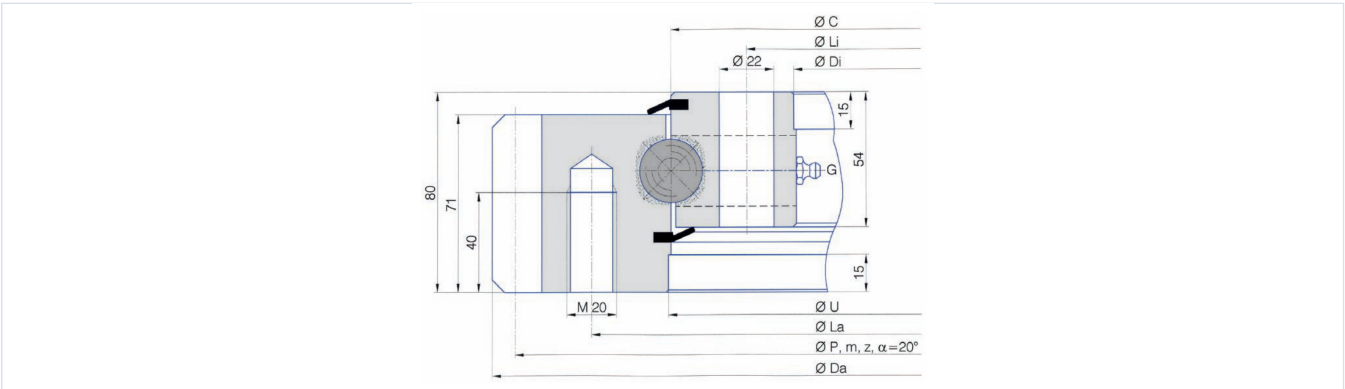
Certified for interchange with Torriani Gianni E.1200.25.00.B. This document consolidates the public product record, complete published specifications, technical media, source traceability and engineering confirmation notes.

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	REFERENCE
E.1200.25.00.B	Torriani Gianni E.1200.25.00.B
SERIES	STRUCTURE
E_25_B Series	Four-point contact ball
OVERALL OD	OVERALL ID
1,198 mm	957 mm
OVERALL HEIGHT	GEAR
mm	External gear

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.1200.25.00.B
Certified interchangeable with	Torriani Gianni E.1200.25.00.B
Verification status	Level 3 - MERYDOM Engineering Verified
Reviewed by	MERYDOM Engineering Department
Public record UID	V5VO6N4TFKX6CNZQAVK6T6AWLM
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.1200.25.00.B
Bearing structure	Four-point contact ball
Gear arrangement	External gear
DIMENSION	
Overall outside diameter (Da)	1,198 mm
Torriani catalogue dimension U (U)	1,055 mm
Torriani catalogue dimension C (C)	1,054 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)	957 mm
Mass (Kg)	171 kg
MOUNTING	
Outer ring bolt circle (La)	1,116 mm
Outer ring mounting-hole count (na)	30
Inner ring bolt circle (Li)	995 mm
Inner ring mounting-hole count (ni)	30
GEAR	
Gear pitch diameter (P)	1,180 mm
Gear module (m)	10 mm
Gear tooth count (z)	118
PERFORMANCE	
Normal tooth force (Fz_normal)	37.85 kN
Maximum tooth force (Fz_max)	75.7 kN
PERFORMANCE RATINGS	
Rating Tooth Force Normal	37.85 kN Not simultaneous with other listed dynamic ratings
Rating Tooth Force Max	75.7 kN Not simultaneous with other listed dynamic ratings
MOUNTING INTERFACES	
Outer ring mounting	30 holes -
Inner ring mounting	30 holes -

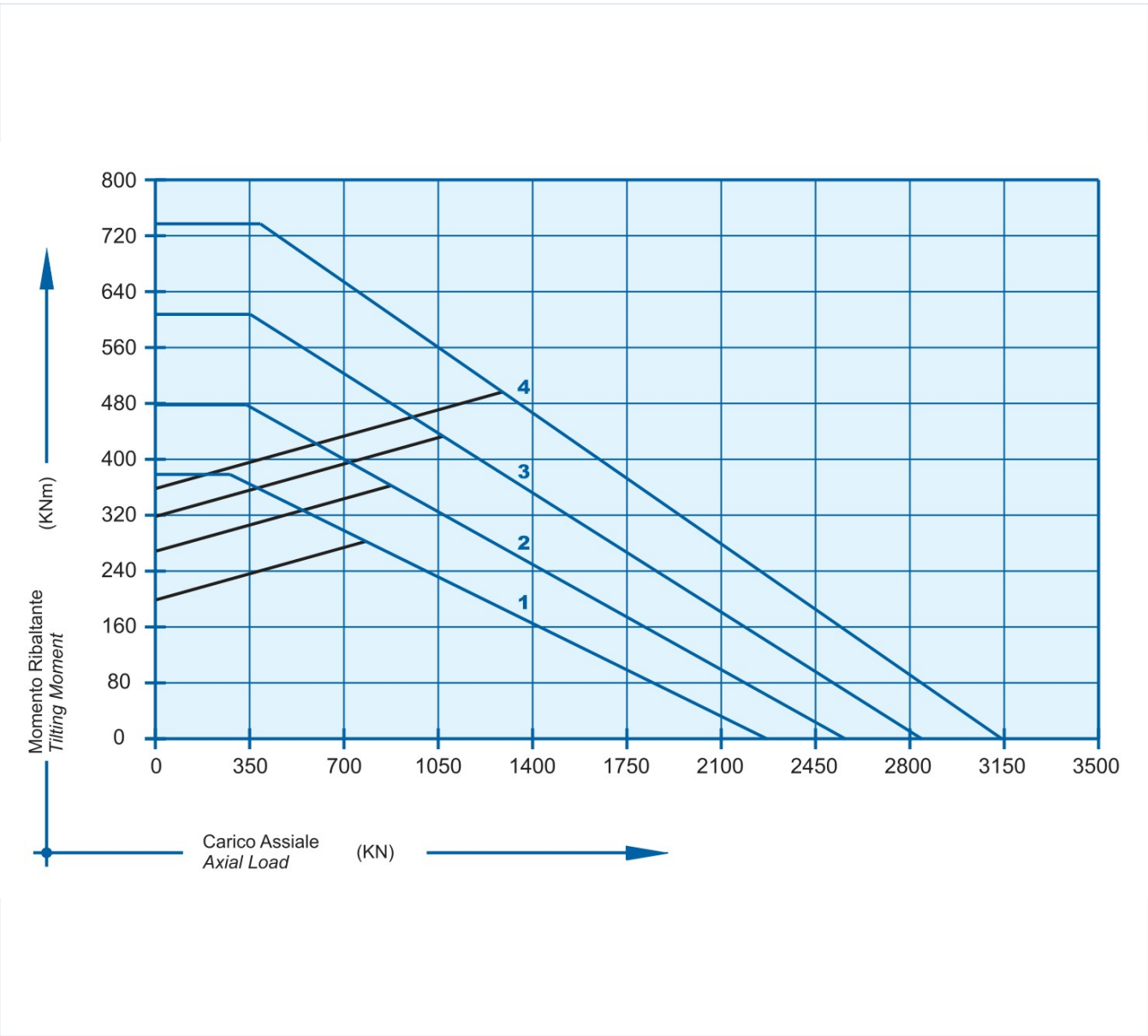
Complete Product Data

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	10 mm
Number of teeth	118
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 V5VO6N4TFKX6CNZQAVK6T6AWLM	SOURCE DOCUMENT TORRIANI_GIANNI_BALL_BEARINGS_CATALOG
SOURCE FILE catalogo-torriani-cuscinetti-a-sfere.pdf	SOURCE LOCATION PDF page 19 Printed page 19
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/products/slewing-bearing-replacements/torriani-gianni/e-1200-25-00-b/>

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