

**MERYDOM E.1300.32.00.C**

Reviewed by MERYDOM Engineering Department. Final application approval must confirm loads, duty cycle, mounting rigidity, bolt capacity, lubrication and operating conditions.

REFERENCE

**Torriani Gianni E.1300.32.00.C**

STRUCTURE

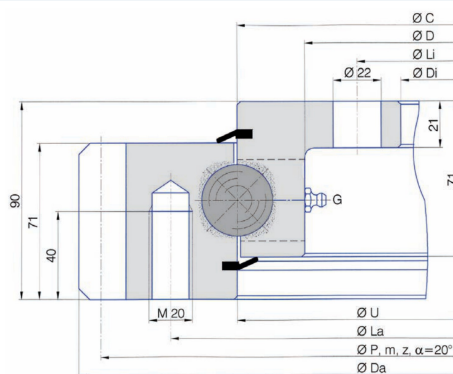
D rt nokta teması bilyal

OVERALL ID  
**1,005 mm**

GEAR

D    tan di li

## Published Technical Drawing



e\_32\_c-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.1300.32.00.C                         |
| Certified interchangeable with       | Torriani Gianni E.1300.32.00.C         |
| Verification status                  | Level 3 - MERYDOM Engineering Verified |
| Reviewed by                          | MERYDOM Engineering Department         |
| Public record UID                    | BQQ3WJTS6Y5R5F5WIC3UI37CBN             |
| 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_32_C Series                          |
| Reference model                      | E.1300.32.00.C                         |
| Bearing structure                    | D rt nokta temasl bilyal               |
| Gear arrangement                     | D tan di li                            |
| DIMENSION                            |                                        |
| Overall outside diameter (Da)        | 1 300 mm                               |
| Torriani catalogue dimension B (B)   | 1 155 mm                               |
| Torriani catalogue dimension U (U)   | 1 155 mm                               |

Complete Product Data

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| DIMENSION (CONTINUED)               |                                                               |
|-------------------------------------|---------------------------------------------------------------|
| Torriani catalogue dimension C (C)  | 1 093 mm                                                      |
| Overall inside diameter (Di)        | 1 005 mm                                                      |
| Mass (Kg)                           | 200 kg                                                        |
| MOUNTING                            |                                                               |
| Outer ring bolt circle (La)         | 1 216 mm                                                      |
| Outer ring mounting-hole count (na) | 36                                                            |
| Inner ring bolt circle (Li)         | 1 045 mm                                                      |
| Inner ring mounting-hole count (ni) | 36                                                            |
| GEAR                                |                                                               |
| Gear pitch diameter (P)             | 1 280 mm                                                      |
| Gear module (m)                     | 10 mm                                                         |
| Gear tooth count (z)                | 128                                                           |
| 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                 | 36 holes -                                                    |

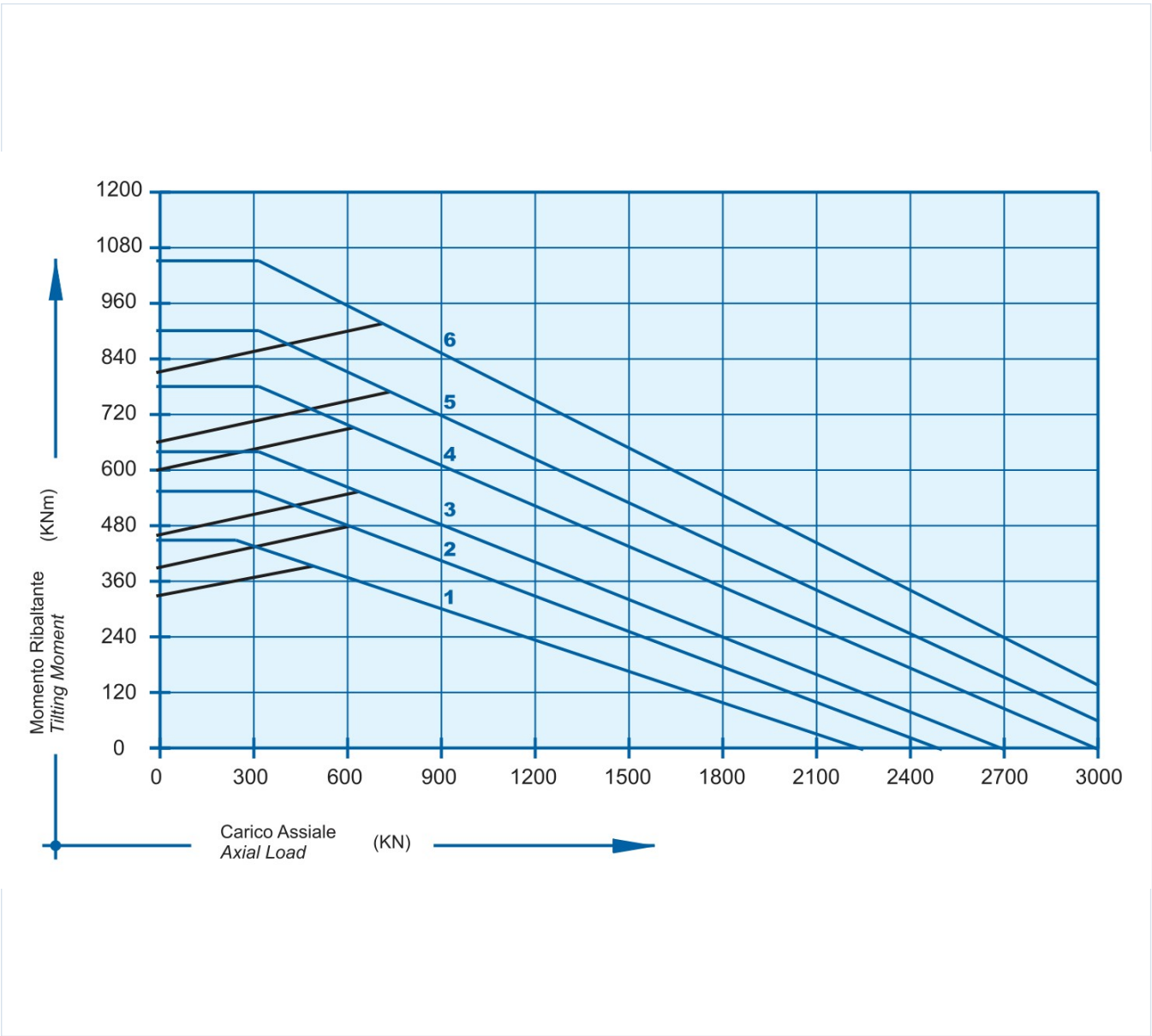
Complete Product Data

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

| MOUNTING INTERFACES (CONTINUED) |                                                                                                              |
|---------------------------------|--------------------------------------------------------------------------------------------------------------|
| Inner ring mounting             | 36 holes -                                                                                                   |
| GEAR INTERFACE                  |                                                                                                              |
| Pitch system                    | module                                                                                                       |
| Module reference                | 10 mm                                                                                                        |
| Number of teeth                 | 128                                                                                                          |
| SOURCE TRACEABILITY             |                                                                                                              |
| Source document code            | TORRIANI_GIANNI_BALL_BEARINGS_CATALOG                                                                        |
| Source file                     | catalogo-torriani-cuscinetti-a-sfere.pdf                                                                     |
| PDF page                        | 21                                                                                                           |
| Printed page                    | 21                                                                                                           |
| Source language                 | IT-EN                                                                                                        |
| Original unit system            | Metric                                                                                                       |
| PUBLISHED TECHNICAL MEDIA       |                                                                                                              |
| Load Curve Chart                | e_32_c-static-load-curve.webp   SHA-256:<br>d3422832f8eb0335c6aded071bbbac0a7f8ba1dc5251ba8845d2fd85eb906d7e |
| Outline Drawing                 | e_32_c-drawing.webp   SHA-256:<br>776aa1780d6a7120047f6834ba49e250fe06f3d0b4e5c71b43a8b62643a0c94b           |

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\_32\_c-static-load-curve.webp | SHA-256: d3422832f8eb0335c6aded071bbbac0a7f8ba1dc5251ba8845d2fd85eb906d7e

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

**BQQ3WJTS6Y5R5F5WIC3UI37CBN**

### 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 21 | Printed page 21**

### 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](mailto:jovi@merydom.com) | Email: [andi@merydom.com](mailto:andi@merydom.com) | WhatsApp: +86 17705201170

Product page: <https://rotnex.com/tr/urunler/muadil-doner-tabla-rulmanlari/torriani-gianni/e-1300-32-00-c/>

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