

Factory-Verified Replacement

MERYDOM E.1289.32.15.D.1

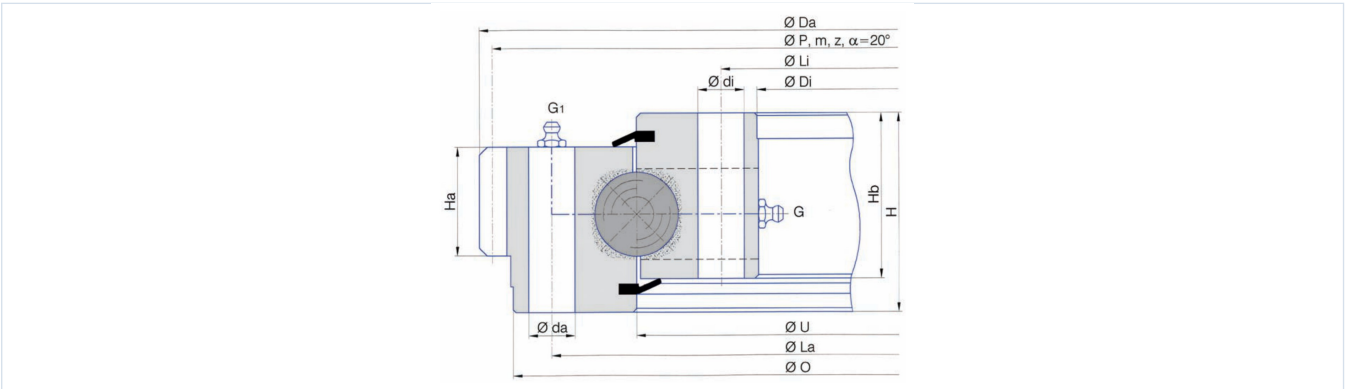
Certified for interchange with Torriani Gianni E.1289.32.15.D.1. This document consolidates the public product record, complete published specifications, technical media, source traceability and engineering confirmation notes.

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.1289.32.15.D.1 | Torriani Gianni E.1289.32.15.D.1 |
| SERIES           | STRUCTURE                        |
| E_32_D Series    | D rt nokta temasl bilyal         |
| OVERALL OD       | OVERALL ID                       |
| 1,289.5 mm       | 985 mm                           |
| OVERALL HEIGHT   | GEAR                             |
| 114 mm           | D tan di li                      |

Published Technical Drawing



e\_32\_d-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.1289.32.15.D.1                       |
| Certified interchangeable with       | Torriani Gianni E.1289.32.15.D.1       |
| Verification status                  | Level 3 - MERYDOM Engineering Verified |
| Reviewed by                          | MERYDOM Engineering Department         |
| Public record UID                    | KVVRUZDZLYGOXOHH5VIRFTYWSU             |
| 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_D Series                          |
| Reference model                      | E.1289.32.15.D.1                       |
| Bearing structure                    | D rt nokta temasl bilyal               |
| Gear arrangement                     | D tan di li                            |
| DIMENSION                            |                                        |
| Overall outside diameter (Da)        | 1 289,5 mm                             |
| Torriani catalogue dimension U (U)   | 1 240 mm                               |
| Torriani catalogue dimension O (O)   | 1 116 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)                | 985 mm   |
| Torriani catalogue dimension Ha (Ha)        | 78 mm    |
| Torriani catalogue dimension Hb (Hb)        | 94 mm    |
| Overall height (H)                          | 114 mm   |
| Mass (Kg)                                   | 330 kg   |
| MOUNTING                                    |          |
| Outer ring bolt circle (La)                 | 1 198 mm |
| Outer ring mounting-hole count (na)         | 40       |
| Outer ring mounting-hole specification (da) | 22 mm    |
| Inner ring bolt circle (Li)                 | 1 035 mm |
| Inner ring mounting-hole count (ni)         | 40       |
| Inner ring mounting-hole specification (di) | 22 mm    |
| GEAR                                        |          |
| Gear pitch diameter (P)                     | 1 250 mm |
| Gear module (m)                             | 10 mm    |
| Gear tooth count (z)                        | 125      |
| PERFORMANCE                                 |          |
| Normal tooth force (Fz_normal)              | 68 kN    |
| Maximum tooth force (Fz_max)                | 136 kN   |
| PERFORMANCE RATINGS                         |          |

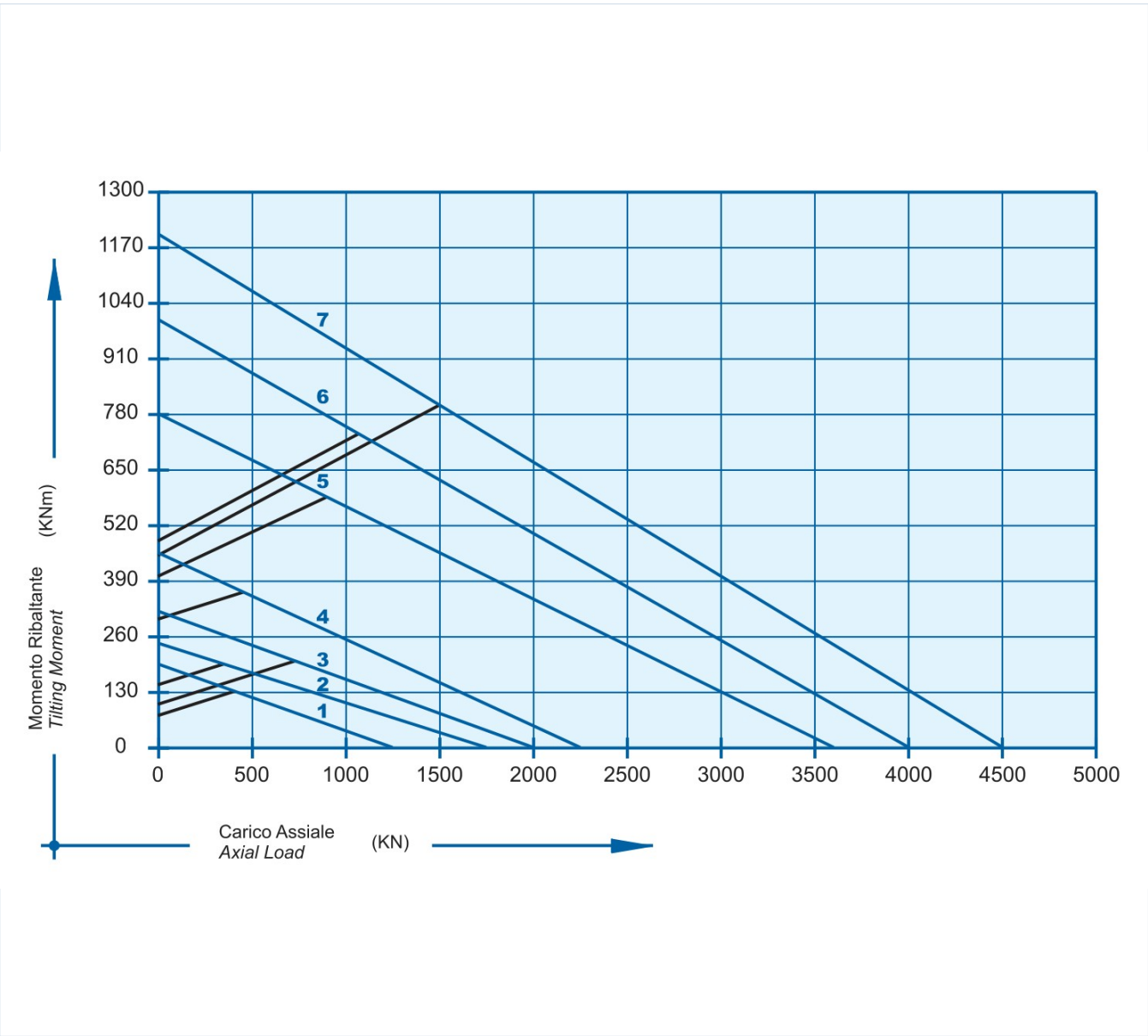
Complete Product Data

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| PERFORMANCE RATINGS (CONTINUED) |                                                                                                              |
|---------------------------------|--------------------------------------------------------------------------------------------------------------|
| Rating Tooth Force Normal       | 68 kN   Not simultaneous with other listed dynamic ratings                                                   |
| Rating Tooth Force Max          | 136 kN   Not simultaneous with other listed dynamic ratings                                                  |
| MOUNTING INTERFACES             |                                                                                                              |
| Outer ring mounting             | 40 holes - da 22 mm                                                                                          |
| Inner ring mounting             | 40 holes - di 22 mm                                                                                          |
| GEAR INTERFACE                  |                                                                                                              |
| Pitch system                    | module                                                                                                       |
| Module reference                | 10 mm                                                                                                        |
| Number of teeth                 | 125                                                                                                          |
| SOURCE TRACEABILITY             |                                                                                                              |
| Source document code            | TORRIANI_GIANNI_BALL_BEARINGS_CATALOG                                                                        |
| Source file                     | catalogo-torriani-cuscinetti-a-sfere.pdf                                                                     |
| PDF page                        | 24                                                                                                           |
| Printed page                    | 24                                                                                                           |
| Source language                 | IT-EN                                                                                                        |
| Original unit system            | Metric                                                                                                       |
| PUBLISHED TECHNICAL MEDIA       |                                                                                                              |
| Load Curve Chart                | e_32_d-static-load-curve.webp   SHA-256:<br>917541c22d8309b08848582b4cc52dc479f90c7a3c3c88b8715c70b200aea6e3 |
| Outline Drawing                 | e_32_d-drawing.webp   SHA-256:<br>3df8452fea94c8b1cd463c286acf2287ab2ff88fad9b507203344f8cc3613e05           |

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\_d-static-load-curve.webp | SHA-256: 917541c22d8309b08848582b4cc52dc479f90c7a3c3c88b8715c70b200aea6e3

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

KVVRUZDZLYGOXOHH5VIRFTYWSU

### 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 24 | Printed page 24

### 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-1289-32-15-d-1/>

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