

Factory-Verified Replacement

MERYDOM E.595.25.00.D.6

Certified for interchange with Torriani Gianni E.595.25.00.D.6. 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.595.25.00.D.6

REFERENCE  
Torriani Gianni E.595.25.00.D.6

SERIES  
E\_25\_D Series

STRUCTURE  
D rt nokta temasl bilyal

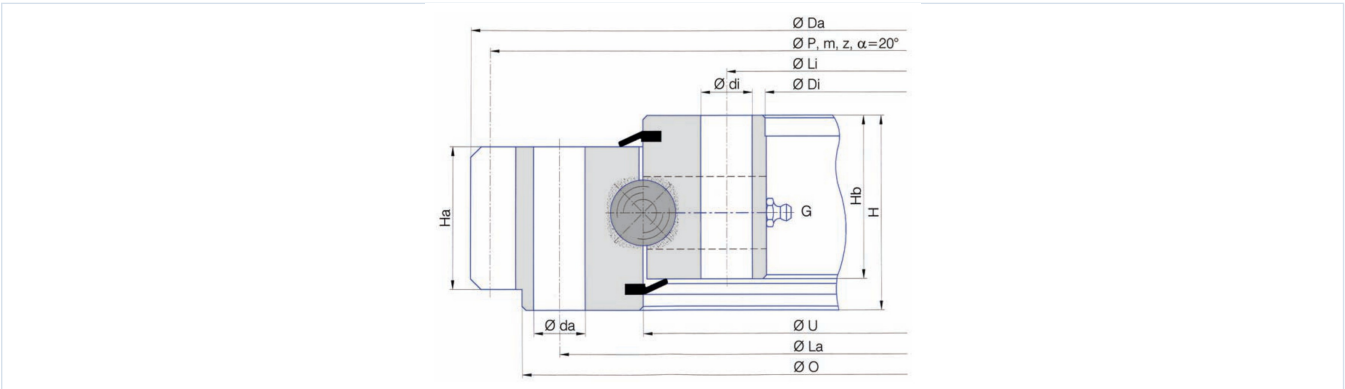
OVERALL OD  
595 mm

OVERALL ID  
382 mm

OVERALL HEIGHT  
65 mm

GEAR  
D tan di li

Published Technical Drawing



e\_25\_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.595.25.00.D.6                        |
| Certified interchangeable with       | Torriani Gianni E.595.25.00.D.6        |
| Verification status                  | Level 3 - MERYDOM Engineering Verified |
| Reviewed by                          | MERYDOM Engineering Department         |
| Public record UID                    | GVWQHI74YYEFNKGJHWQV4K6QHN             |
| 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_D Series                          |
| Reference model                      | E.595.25.00.D.6                        |
| Bearing structure                    | D rt nokta temasl bilyal               |
| Gear arrangement                     | D tan di li                            |
| DIMENSION                            |                                        |
| Overall outside diameter (Da)        | 595 mm                                 |
| Torriani catalogue dimension U (U)   | 565 mm                                 |
| Torriani catalogue dimension O (O)   | 477 mm                                 |

Complete Product Data

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| DIMENSION (CONTINUED)                       |         |
|---------------------------------------------|---------|
| Overall inside diameter (Di)                | 382 mm  |
| Torriani catalogue dimension Ha (Ha)        | 50 mm   |
| Torriani catalogue dimension Hb (Hb)        | 55 mm   |
| Overall height (H)                          | 65 mm   |
| Mass (Kg)                                   | 58 kg   |
| MOUNTING                                    |         |
| Outer ring bolt circle (La)                 | 540 mm  |
| Outer ring mounting-hole count (na)         | 18      |
| Outer ring mounting-hole specification (da) | 17 mm   |
| Inner ring bolt circle (Li)                 | 410 mm  |
| Inner ring mounting-hole count (ni)         | 18      |
| Inner ring mounting-hole specification (di) | 17 mm   |
| GEAR                                        |         |
| Gear pitch diameter (P)                     | 585 mm  |
| Gear module (m)                             | 5 mm    |
| Gear tooth count (z)                        | 117     |
| PERFORMANCE                                 |         |
| Normal tooth force (Fz_normal)              | 10,5 kN |
| Maximum tooth force (Fz_max)                | 21 kN   |
| PERFORMANCE RATINGS                         |         |

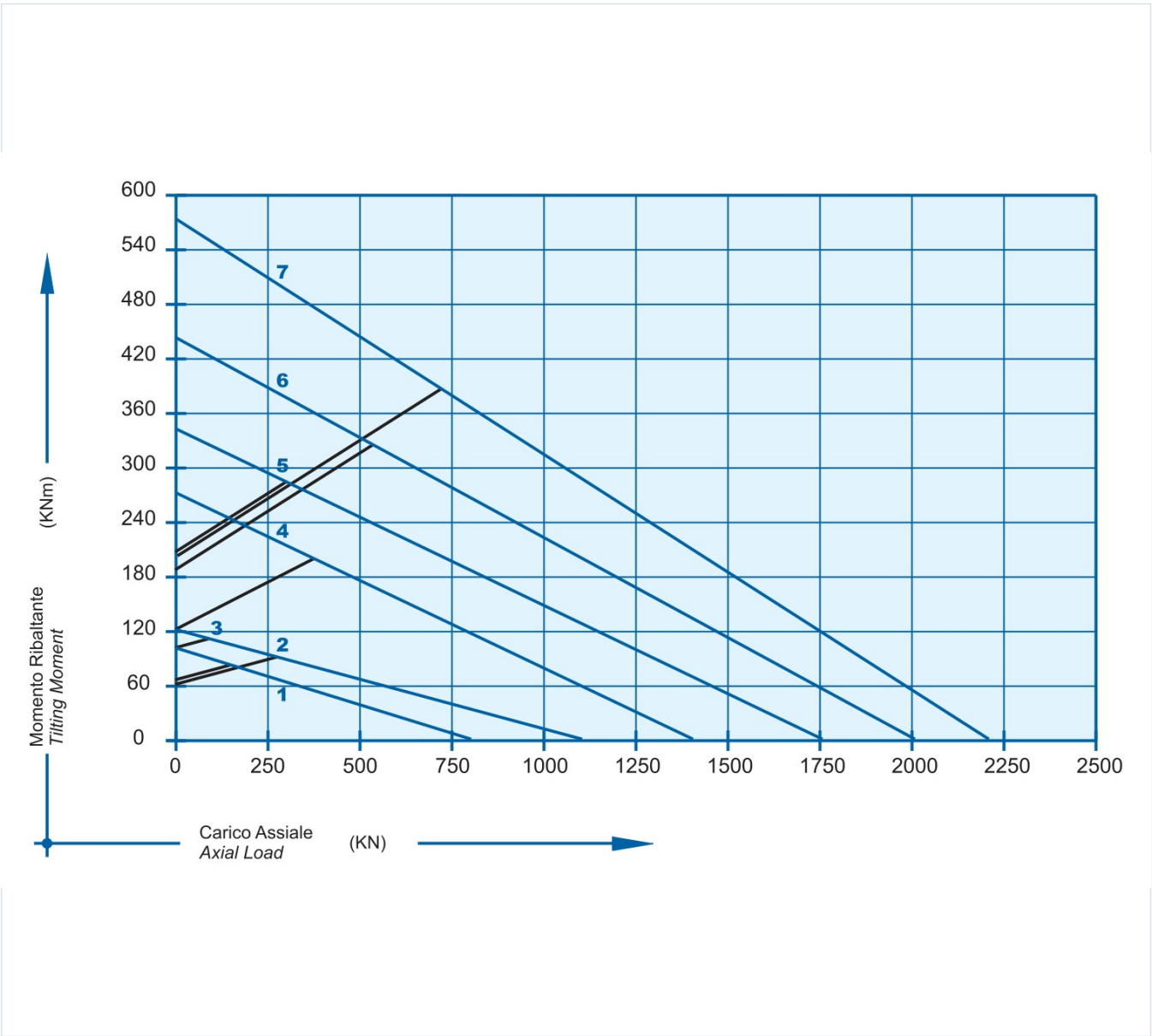
Complete Product Data

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

| PERFORMANCE RATINGS (CONTINUED) |                                                                                                              |
|---------------------------------|--------------------------------------------------------------------------------------------------------------|
| Rating Tooth Force Normal       | 10,5 kN   Not simultaneous with other listed dynamic ratings                                                 |
| Rating Tooth Force Max          | 21 kN   Not simultaneous with other listed dynamic ratings                                                   |
| MOUNTING INTERFACES             |                                                                                                              |
| Outer ring mounting             | 18 holes - da 17 mm                                                                                          |
| Inner ring mounting             | 18 holes - di 17 mm                                                                                          |
| GEAR INTERFACE                  |                                                                                                              |
| Pitch system                    | module                                                                                                       |
| Module reference                | 5 mm                                                                                                         |
| Number of teeth                 | 117                                                                                                          |
| SOURCE TRACEABILITY             |                                                                                                              |
| Source document code            | TORRIANI_GIANNI_BALL_BEARINGS_CATALOG                                                                        |
| Source file                     | catalogo-torriani-cuscinetti-a-sfere.pdf                                                                     |
| PDF page                        | 23                                                                                                           |
| Printed page                    | 23                                                                                                           |
| Source language                 | IT-EN                                                                                                        |
| Original unit system            | Metric                                                                                                       |
| PUBLISHED TECHNICAL MEDIA       |                                                                                                              |
| Load Curve Chart                | e_25_d-static-load-curve.webp   SHA-256:<br>e57d4159ed0c1e6230b018d00804d10296cc4fe04bf5b21ebea6ee133455a7aa |
| Outline Drawing                 | e_25_d-drawing.webp   SHA-256:<br>05b276ac966b79ee98c8513bb7e7ce52b11ea02f8439df48c2af6e4bc52bb09c           |

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\_d-static-load-curve.webp | SHA-256: e57d4159ed0c1e6230b018d00804d10296cc4fe04bf5b21ebea6ee133455a7aa

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

GVWQHI74YYEFNKGJHWQV4K6QHN

### 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 23 | Printed page 23

### 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 | Email: andi@merydom.com | WhatsApp: +86 17705201170

Product page: <https://rotnex.com/tr/urunler/muadil-doner-tabla-rulmanlari/torriani-gianni/e-595-25-00-d-6/>

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