

Factory-Verified Replacement

MERYDOM I.880.22.00.A/SD-T

Certified for interchange with Torriani Gianni I.880.22.00.A/SD-T. 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

I.880.22.00.A/SD-T

REFERENCE

Torriani Gianni I.880.22.00.A/SD-T

SERIES

I\_22\_A\_SD\_T Series

STRUCTURE

Sfere a quattro punti di contatto

OVERALL OD

879 mm

OVERALL ID

708 mm

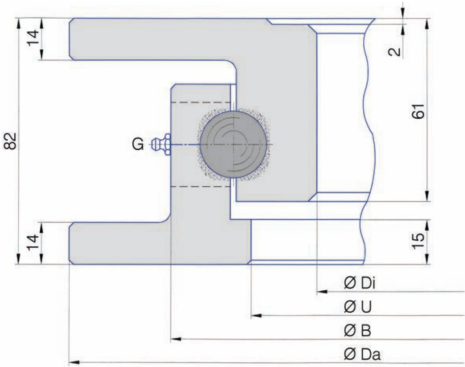
OVERALL HEIGHT

mm

GEAR

Senza dentatura

Published Technical Drawing



i\_22\_a\_sd\_t-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                        | I.880.22.00.A/SD-T                     |
| Certified interchangeable with       | Torriani Gianni I.880.22.00.A/SD-T     |
| Verification status                  | Level 3 - MERYDOM Engineering Verified |
| Reviewed by                          | MERYDOM Engineering Department         |
| Public record UID                    | SMCL24FFUYU76WAMJ5BM4GASXH             |
| 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                     | I_22_A_SD_T Series                     |
| Reference model                      | I.880.22.00.A/SD-T                     |
| Bearing structure                    | Sfere a quattro punti di contatto      |
| Gear arrangement                     | Senza dentatura                        |
| DIMENSION                            |                                        |
| Overall outside diameter (Da)        | 879 mm                                 |
| Torriani catalogue dimension B (B)   | 811 mm                                 |
| Torriani catalogue dimension U (U)   | 759 mm                                 |

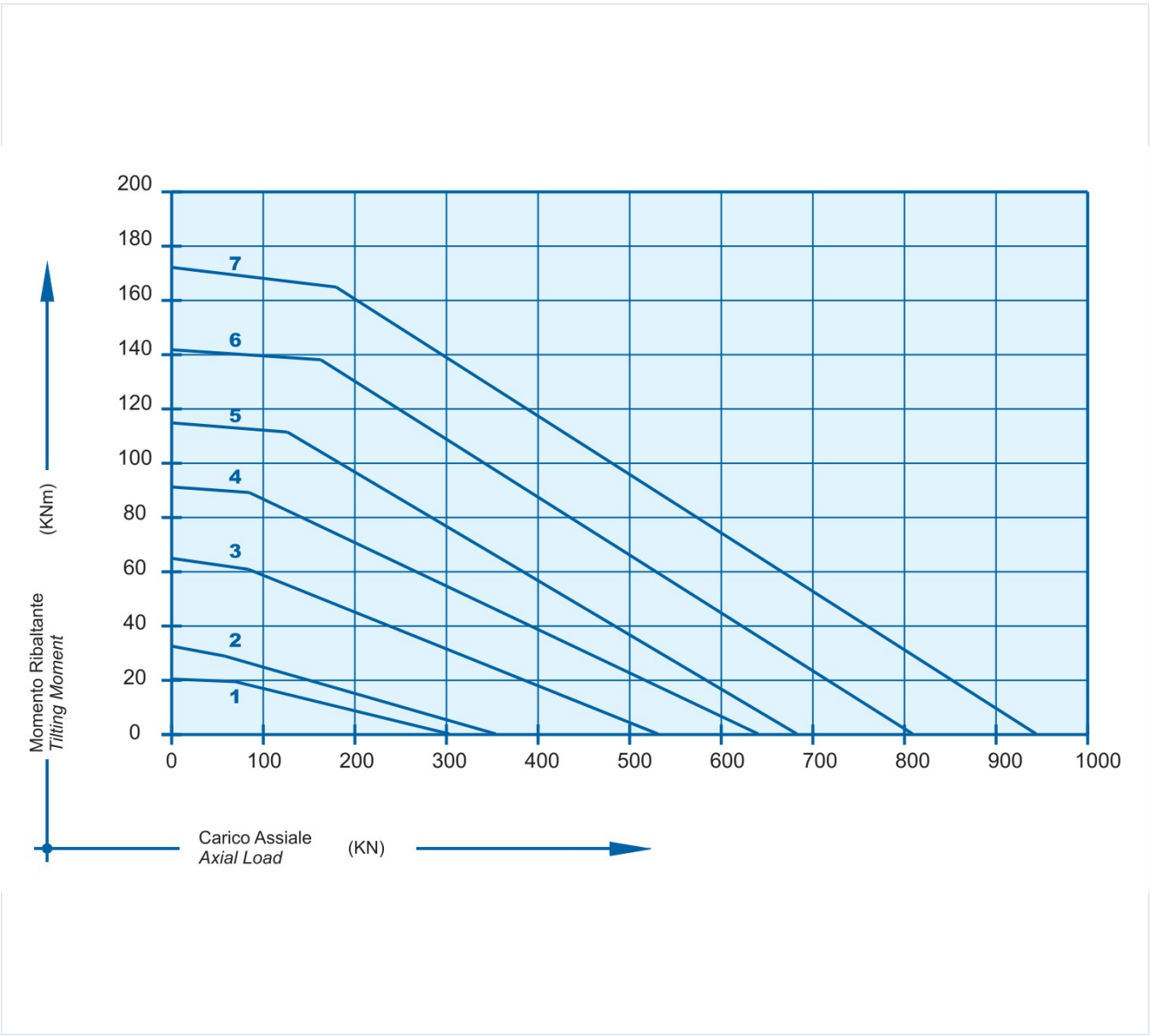
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| DIMENSION (CONTINUED)        |                                                                                                                       |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| Overall inside diameter (Di) | 708 mm                                                                                                                |
| Mass (Kg)                    | 78 kg                                                                                                                 |
| MOUNTING INTERFACES          |                                                                                                                       |
| Outer ring mounting          | holes -                                                                                                               |
| Inner ring mounting          | holes -                                                                                                               |
| GEAR INTERFACE               |                                                                                                                       |
| Integral gear                | Not applicable - ungeared bearing                                                                                     |
| SOURCE TRACEABILITY          |                                                                                                                       |
| Source document code         | TORRIANI_GIANNI_BALL_BEARINGS_CATALOG                                                                                 |
| Source file                  | catalogo-torriani-cuscinetti-a-sfere.pdf                                                                              |
| PDF page                     | 28                                                                                                                    |
| Printed page                 | 28                                                                                                                    |
| Source language              | IT-EN                                                                                                                 |
| Original unit system         | Metric                                                                                                                |
| PUBLISHED TECHNICAL MEDIA    |                                                                                                                       |
| Load Curve Chart             | i_22_a_sd_t-static-load-curve.webp   SHA-256:<br>dad8b8ea1ab63d2d5d1b2d6efadeb3664116e1706617fd2fcae9348ea6<br>b0a4d0 |
| Outline Drawing              | i_22_a_sd_t-drawing.webp   SHA-256:<br>e11037f77e5860b5d4496901d5ba86084b3fa927dbf608a8589c6928c9<br>a28d7f           |

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.



i\_22\_a\_sd\_t-static-load-curve.webp | SHA-256: dad8b8ea1ab63d2d5d1b2d6efadeb3664116e1706617fd2fcae9348ea6b0a4d0

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

SMCL24FFUYU76WAMJ5BM4GASXH

### 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 28 | Printed page 28

### 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/it/prodotti/cuscinetti-di-rotazione-sostitutivi/torriani-gianni/i-880-22-00-a-sd-t/>

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