

Factory-Verified Replacement

MERYDOM I.500.22.00.A/SD-T

Certified for interchange with Torriani Gianni I.500.22.00.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.500.22.00.A/SD-T

REFERENCE

Torriani Gianni I.500.22.00.A/SD-T

SERIES

I_22_A_SD_T Series

STRUCTURE

Four-point contact ball

OVERALL OD

499 mm

OVERALL ID

330 mm

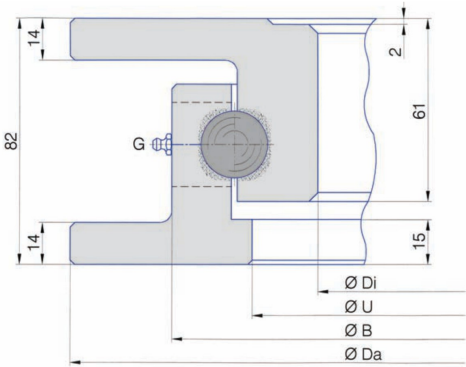
OVERALL HEIGHT

mm

GEAR

Ungeared

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.500.22.00.A/SD-T
Certified interchangeable with	Torriani Gianni I.500.22.00.A/SD-T
Verification status	Level 3 - MERYDOM Engineering Verified
Reviewed by	MERYDOM Engineering Department
Public record UID	G73SNAIAOO6R7O4PWSZ3S27TE7
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.500.22.00.A/SD-T
Bearing structure	Four-point contact ball
Gear arrangement	Ungeared
DIMENSION	
Overall outside diameter (Da)	499 mm
Torriani catalogue dimension B (B)	431 mm
Torriani catalogue dimension U (U)	379 mm

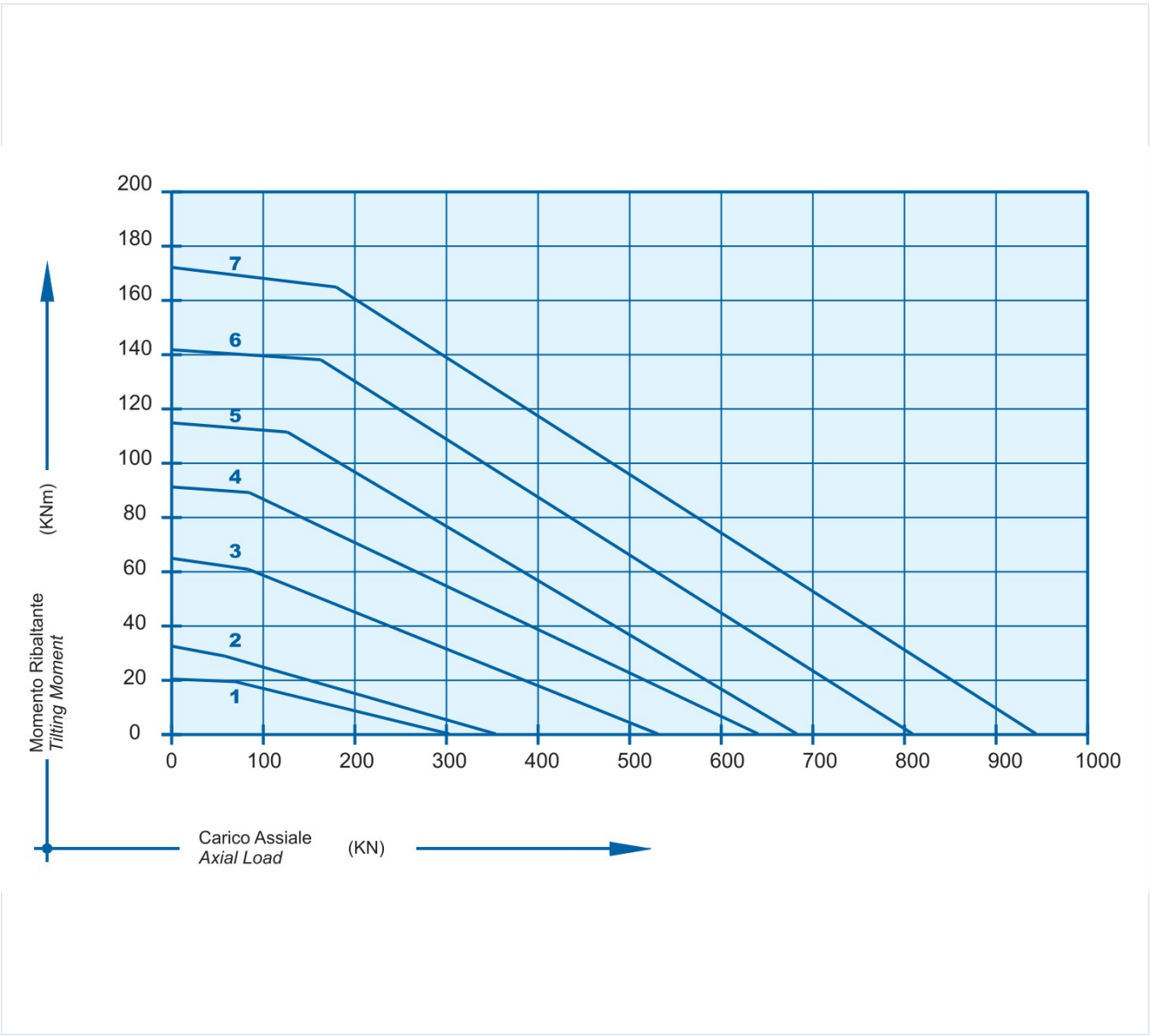
Complete Product Data

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)	330 mm
Mass (Kg)	39 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: dad8b8ea1ab63d2d5d1b2d6efadeb3664116e1706617fd2fcae9348ea6b0a4d0
Outline Drawing	i_22_a_sd_t-drawing.webp SHA-256: e11037f77e5860b5d4496901d5ba86084b3fa927dbf608a8589c6928c9a28d7f

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 G73SNAIAOO6R7O4PWSZ3S27TE7	SOURCE DOCUMENT TORRIANI_GIANNI_BALL_BEARINGS_CATALOG
SOURCE FILE catalogo-torriani-cuscinetti-a-sfere.pdf	SOURCE LOCATION PDF page 28 Printed page 28
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/i-500-22-00-a-sd-t/>

Trademark and legal notice: referenced brand and model names are used only for identification and cross-reference. MERYDOM is an independent manufacturer and is not affiliated with or endorsed by the referenced brand unless expressly stated.