

Factory-Verified Replacement

MERYDOM I.700.22.00.A/SD

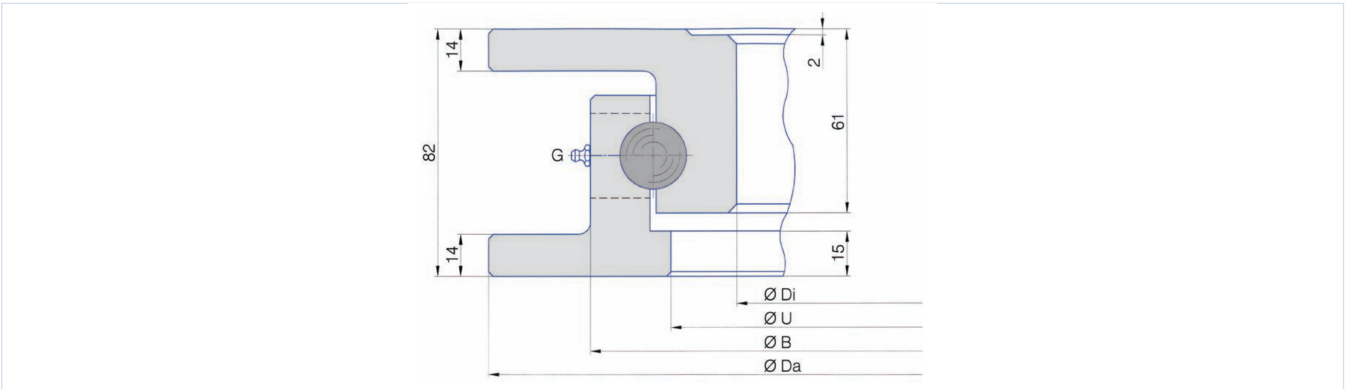
Certified for interchange with Torriani Gianni I.700.22.00.A/SD. This document consolidates the public product record, complete published specifications, technical media, source traceability and engineering confirmation notes.

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
I.700.22.00.A/SD	Torriani Gianni I.700.22.00.A/SD
SERIES	STRUCTURE
I_22_A_SD Series	Four-point contact ball
OVERALL OD	OVERALL ID
699 mm	530 mm
OVERALL HEIGHT	GEAR
mm	Ungeared

Published Technical Drawing



i_22_a_sd-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.700.22.00.A/SD
Certified interchangeable with	Torriani Gianni I.700.22.00.A/SD
Verification status	Level 3 - MERYDOM Engineering Verified
Reviewed by	MERYDOM Engineering Department
Public record UID	SBI55EVQREV3DVCUQKU6CUYZAG
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 Series
Reference model	I.700.22.00.A/SD
Bearing structure	Four-point contact ball
Gear arrangement	Ungeared
DIMENSION	
Overall outside diameter (Da)	699 mm
Torriani catalogue dimension B (B)	631 mm
Torriani catalogue dimension U (U)	579 mm

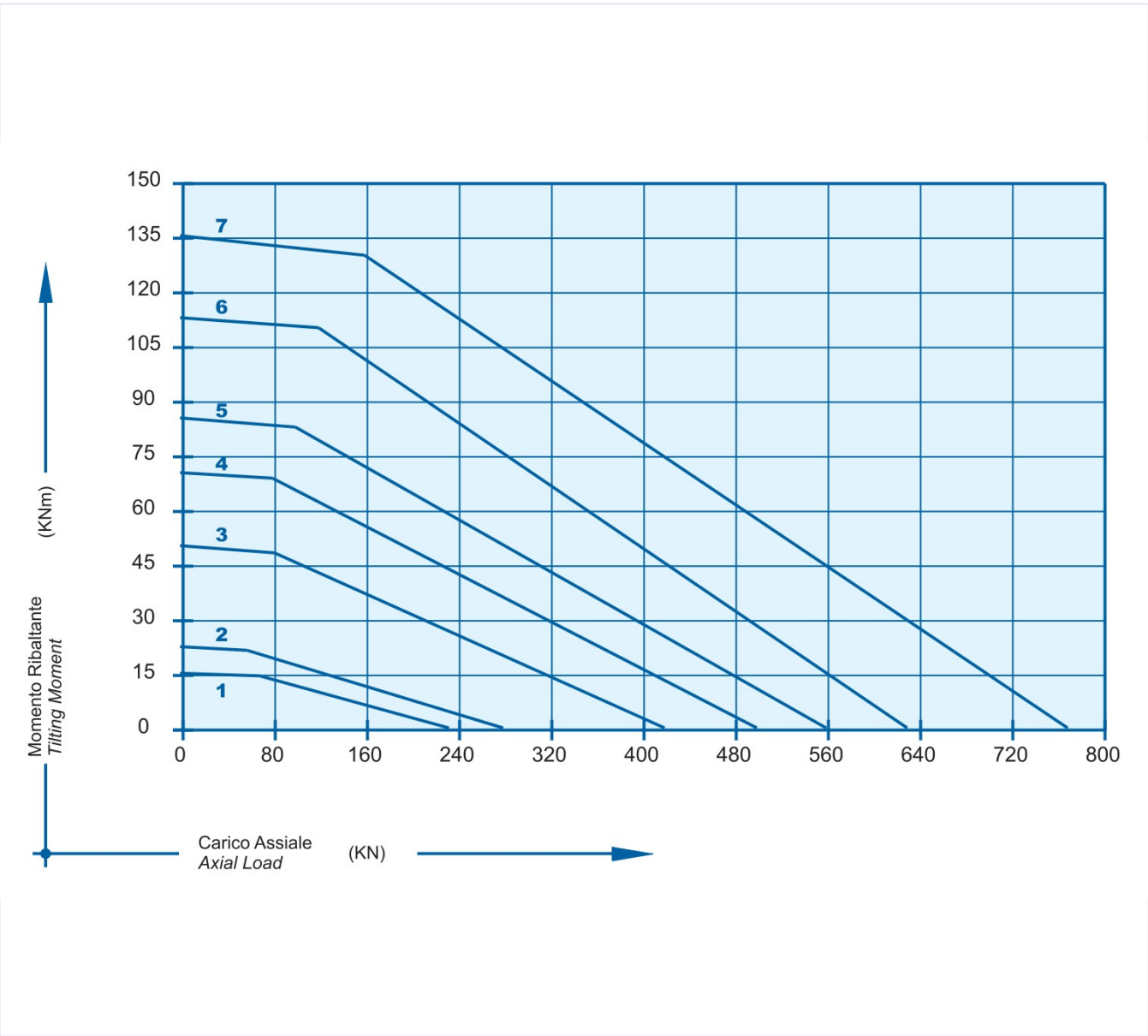
Complete Product Data

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)	530 mm
Mass (Kg)	60 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	27
Printed page	27
Source language	IT-EN
Original unit system	Metric
PUBLISHED TECHNICAL MEDIA	
Load Curve Chart	i_22_a_sd-static-load-curve.webp SHA-256: 37fef42100c0cfce31256d9808908fbd174b5ec9f68608b4c7a70fe058 67c2c7
Outline Drawing	i_22_a_sd-drawing.webp SHA-256: 7578f4d910e4d0361d40925c488e83e0031a403a330417d3896d4e620e 30db87

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-static-load-curve.webp | SHA-256: 37fef42100c0cfce31256d9808908fbd174b5ec9f68608b4c7a70fe05867c2c7

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 SBI55EVQREV3DVCUQKU6CUYZAG	SOURCE DOCUMENT TORRIANI_GIANNI_BALL_BEARINGS_CATALOG
SOURCE FILE catalogo-torriani-cuscinetti-a-sfere.pdf	SOURCE LOCATION PDF page 27 Printed page 27
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-700-22-00-a-sd/>

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.