Factory-Verified Replacement

MERYDOM SD.716.20.00.B

Certified for interchange with Torriani Gianni SD.716.20.00.B. 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

SD.716.20.00.B

REFERENCE

Torriani Gianni SD.716.20.00.B

SERIES

SD_20_B Series

STRUCTURE

Four-point contact ball

OVERALL OD

716 mm

OVERALL ID

572 mm

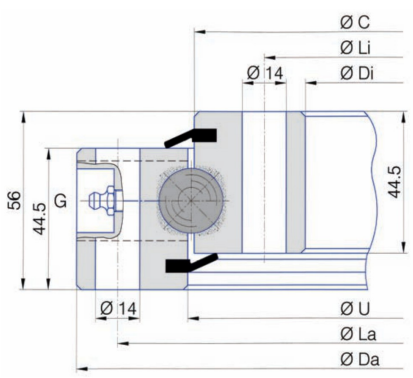
OVERALL HEIGHT

mm

GEAR

Ungeared

Published Technical Drawing



sd_20_b-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	SD.716.20.00.B
Certified interchangeable with	Torriani Gianni SD.716.20.00.B
Verification status	Level 3 - MERYDOM Engineering Verified
Reviewed by	MERYDOM Engineering Department
Public record UID	7CWENVLONZI4PHVS74H4URPYG6
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	SD_20_B Series
Reference model	SD.716.20.00.B
Bearing structure	Four-point contact ball
Gear arrangement	Ungeared
DIMENSION	
Overall outside diameter (Da)	716 mm
Torriani catalogue dimension U (U)	645.5 mm
Torriani catalogue dimension C (C)	642.5 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)	572 mm
Mass (Kg)	44 kg
MOUNTING	
Outer ring bolt circle (La)	690 mm
Outer ring mounting-hole count (na)	36
Inner ring bolt circle (Li)	598 mm
Inner ring mounting-hole count (ni)	36
MOUNTING INTERFACES	
Outer ring mounting	36 holes -
Inner ring mounting	36 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	29
Printed page	29
Source language	IT-EN
Original unit system	Metric
PUBLISHED TECHNICAL MEDIA	

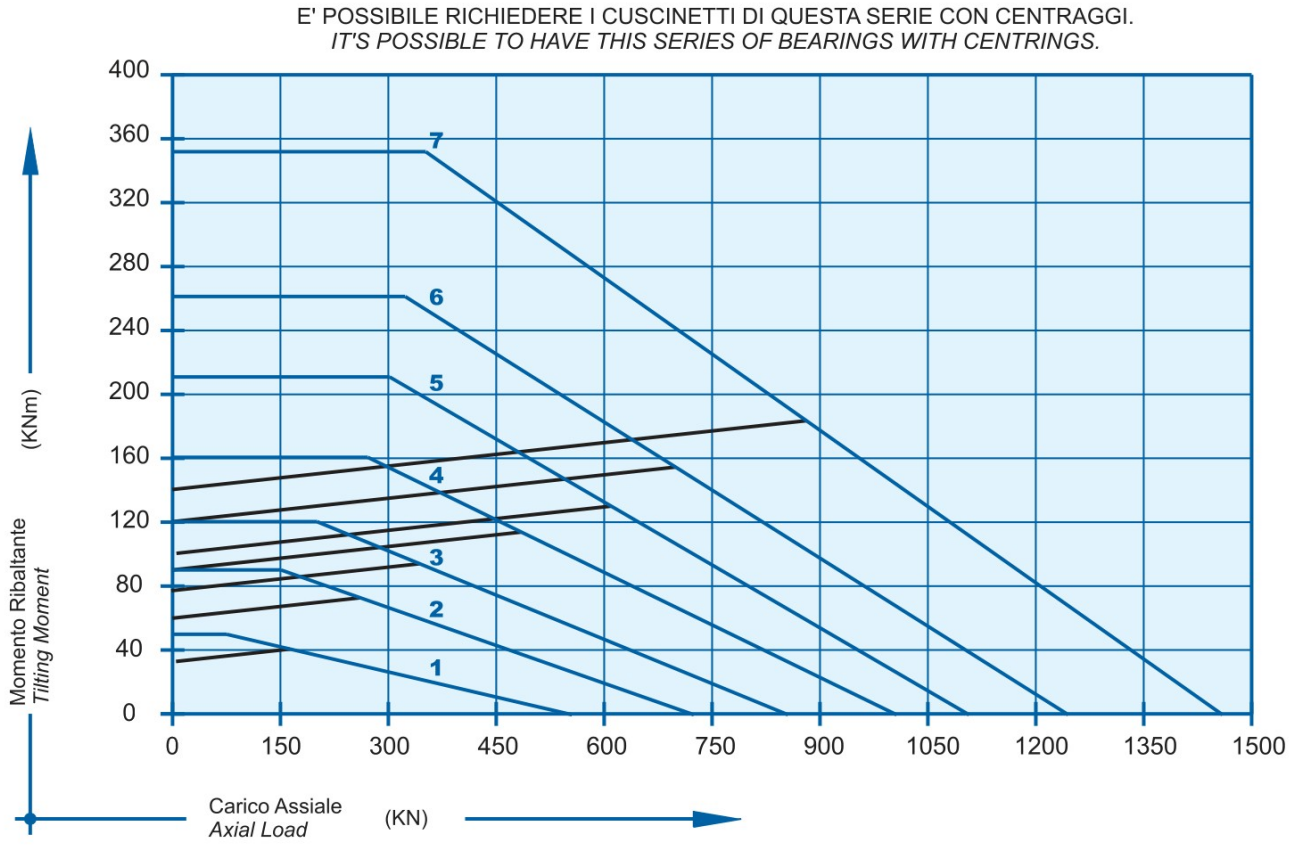
Complete Product Data

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

PUBLISHED TECHNICAL MEDIA (CONTINUED)	
Load Curve Chart	sd_20_b-static-load-curve.webp | SHA-256: 7261e98f23ee1e17aad2f6f16d8249e83f952f58d8b1fa2756d8c8b9bbaa503c
Outline Drawing	sd_20_b-drawing.webp | SHA-256: c3e06d016d8626e92ab715dfa149fe6a05e8ecba2b8fc9e5ff1f7c10a4bc8aa7

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.



sd_20_b-static-load-curve.webp | SHA-256: 7261e98f23ee1e17aad2f6f16d8249e83f952f58d8b1fa2756d8c8b9bbaa503c

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

7CWENVLONZI4PHVS74H4URPYG6

SOURCE DOCUMENT

TORRIANI_GIANNI_BALL_BEARINGS_CATALOG

SOURCE FILE

catalogo-torriani-cuscinetti-a-sfere.pdf

SOURCE LOCATION

PDF page 29 | Printed page 29

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

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

Product page: https://rotnex.com/products/slewing-bearing-replacements/torriani-gianni/sd-716-20-00-b/