Factory-Verified Replacement

MERYDOM I.1015.25.15.D.1

Certified for interchange with Torriani Gianni I.1015.25.15.D.1. 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.1015.25.15.D.1

REFERENCE

Torriani Gianni I.1015.25.15.D.1

SERIES

I_25_D Series

STRUCTURE

Sfere a quattro punti di contatto

OVERALL OD

1,015 mm

OVERALL ID

784 mm

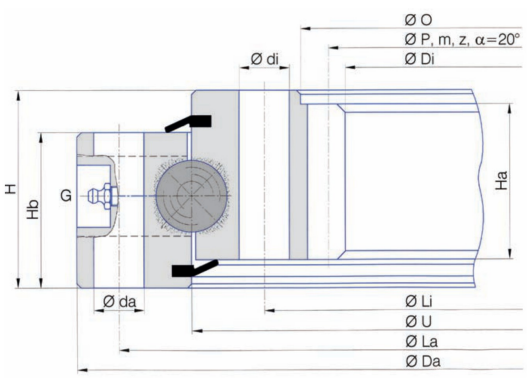
OVERALL HEIGHT

82 mm

GEAR

Dentatura interna

Published Technical Drawing



i_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	I.1015.25.15.D.1
Certified interchangeable with	Torriani Gianni I.1015.25.15.D.1
Verification status	Level 3 - MERYDOM Engineering Verified
Reviewed by	MERYDOM Engineering Department
Public record UID	C64JHNTYJ3UL6OXXFEPZ6GVU2S
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_25_D Series
Reference model	I.1015.25.15.D.1
Bearing structure	Sfere a quattro punti di contatto
Gear arrangement	Dentatura interna
DIMENSION	
Overall outside diameter (Da)	1.015 mm
Torriani catalogue dimension U (U)	920 mm
Torriani catalogue dimension O (O)	824 mm

Complete Product Data

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DIMENSION (CONTINUED)	
Overall inside diameter (Di)	784 mm
Torriani catalogue dimension Ha (Ha)	67 mm
Torriani catalogue dimension Hb (Hb)	66 mm
Overall height (H)	82 mm
Mass (Kg)	143 kg
MOUNTING	
Outer ring bolt circle (La)	980 mm
Outer ring mounting-hole count (na)	40
Outer ring mounting-hole specification (da)	18 mm
Inner ring bolt circle (Li)	860 mm
Inner ring mounting-hole count (ni)	40
Inner ring mounting-hole specification (di)	18 mm
GEAR	
Gear pitch diameter (P)	800 mm
Gear module (m)	8 mm
Gear tooth count (z)	100
PERFORMANCE	
Normal tooth force (Fz_normal)	34 kN
Maximum tooth force (Fz_max)	68 kN
PERFORMANCE RATINGS	

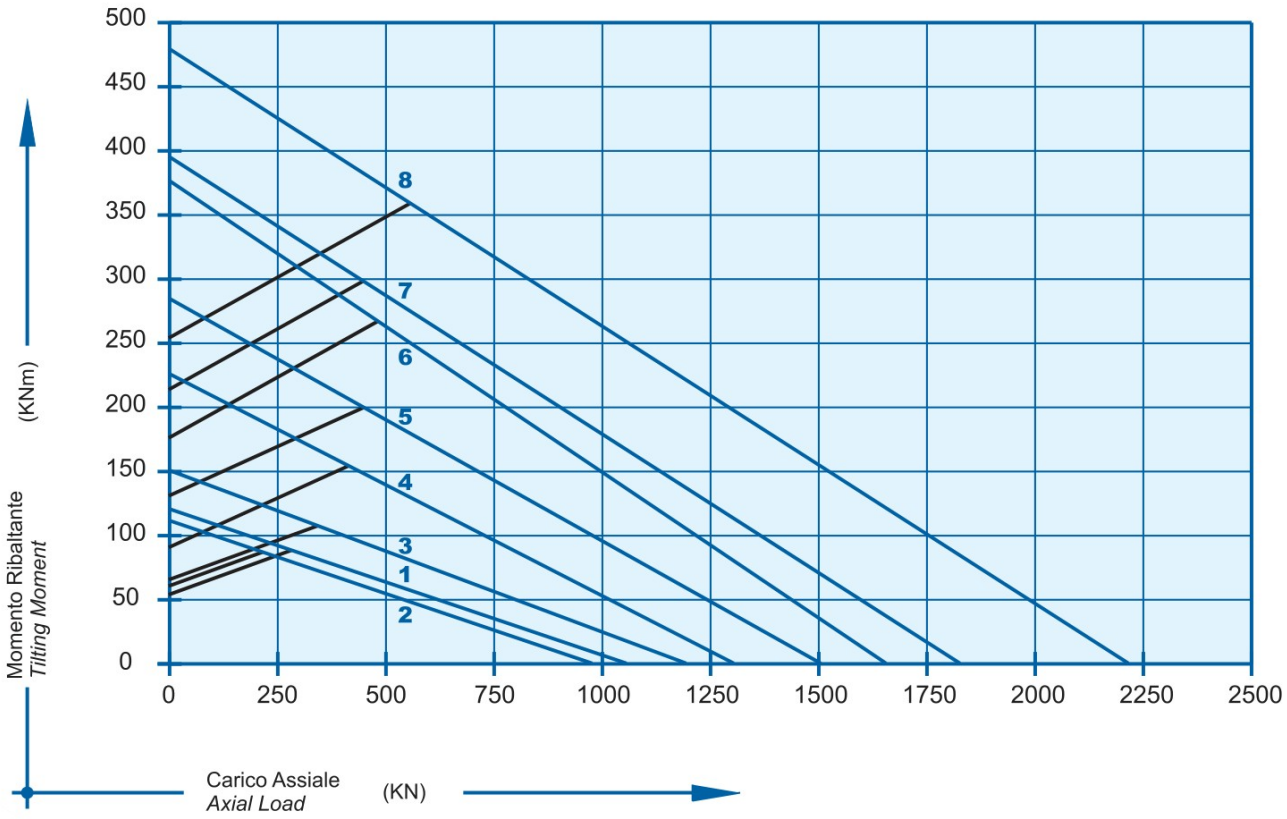
Complete Product Data

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	34 kN | Not simultaneous with other listed dynamic ratings
Rating Tooth Force Max	68 kN | Not simultaneous with other listed dynamic ratings
MOUNTING INTERFACES	
Outer ring mounting	40 holes - da 18 mm
Inner ring mounting	40 holes - di 18 mm
GEAR INTERFACE	
Pitch system	module
Module reference	8 mm
Number of teeth	100
SOURCE TRACEABILITY	
Source document code	TORRIANI_GIANNI_BALL_BEARINGS_CATALOG
Source file	catalogo-torriani-cuscinetti-a-sfere.pdf
PDF page	14
Printed page	14
Source language	IT-EN
Original unit system	Metric
PUBLISHED TECHNICAL MEDIA	
Load Curve Chart	i_25_d-static-load-curve.webp | SHA-256: b54d3e89c90fda3e5031cad5a4d836656c2dc3992e734fb10e0ba11848e6ef45
Outline Drawing	i_25_d-drawing.webp | SHA-256: 296548c0264943cf8403082719b15391f4ebc81f4cf162cf048437c7751bde2d

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_25_d-static-load-curve.webp | SHA-256: b54d3e89c90fda3e5031cad5a4d836656c2dc3992e734fb10e0ba11848e6ef45

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

C64JHNTYJ3UL6OXXFEPZ6GVU2S

SOURCE DOCUMENT

TORRIANI_GIANNI_BALL_BEARINGS_CATALOG

SOURCE FILE

catalogo-torriani-cuscinetti-a-sfere.pdf

SOURCE LOCATION

PDF page 14 | Printed page 14

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/it/prodotti/cuscinetti-di-rotazione-sostitutivi/torriani-gianni/i-1015-25-15-d-1/