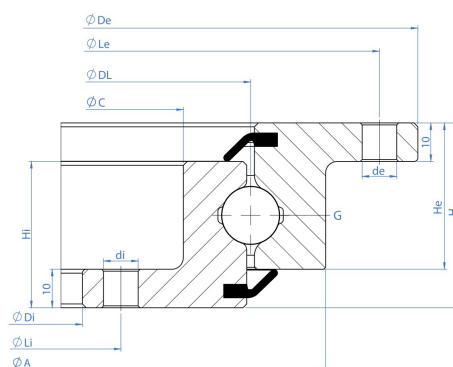


MERYDOM 0844R-12B-103

Reviewed by MERYDOM Engineering Department. Final application approval must confirm loads, duty cycle, mounting rigidity, bolt capacity, lubrication and operating conditions.

Senza dentatura

Published Technical Drawing



I_ungeared-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	0844R-12B-103
Certified interchangeable with	Tibet Makina 0844R-12B-103
Verification status	Level 3 - MERYDOM Engineering Verified
Reviewed by	MERYDOM Engineering Department
Public record UID	UUE7OYJR5JUFBI4S2ZYQ3XWYKF
MATERIALS	
Configurable ring material options	42CrMo / 50Mn
Seal material	NBR - Nitrile rubber
Configurable spacer material options	Engineering nylon / Brass
IDENTIFICATION	
Reference brand	Tibet Makina
Reference series	L_UNGEARED Series
Reference model	0844R-12B-103
Bearing structure	Single Row Ball Profile
Gear arrangement	Senza dentatura
DIMENSION	
Mass (Kg)	50 kg
Overall outside diameter (De)	950 mm
Overall inside diameter (Di)	734 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)	
Tibet catalogue dimension A (A)	883 mm
Tibet catalogue dimension C (C)	805 mm
Overall height (H)	56 mm
Outer ring height (He)	46 mm
Inner ring height (Hi)	46 mm
MOUNTING	
Outer ring bolt circle (La)	920 mm
Inner ring bolt circle (Li)	762 mm
Outer ring mounting-hole count (ne)	16
Inner ring mounting-hole count (ni)	20
Outer ring mounting-hole specification (de)	18 mm
Inner ring mounting-hole specification (di)	18 mm
MISCELLANEOUS	
Raceway Pitch Diameter (DL)	844 mm
Lubrication Zerk Count (G)	4
MOUNTING INTERFACES	
Outer ring mounting	16 holes - de 18 mm
Inner ring mounting	20 holes - di 18 mm
GEAR INTERFACE	
Integral gear	Not applicable - ungeared bearing

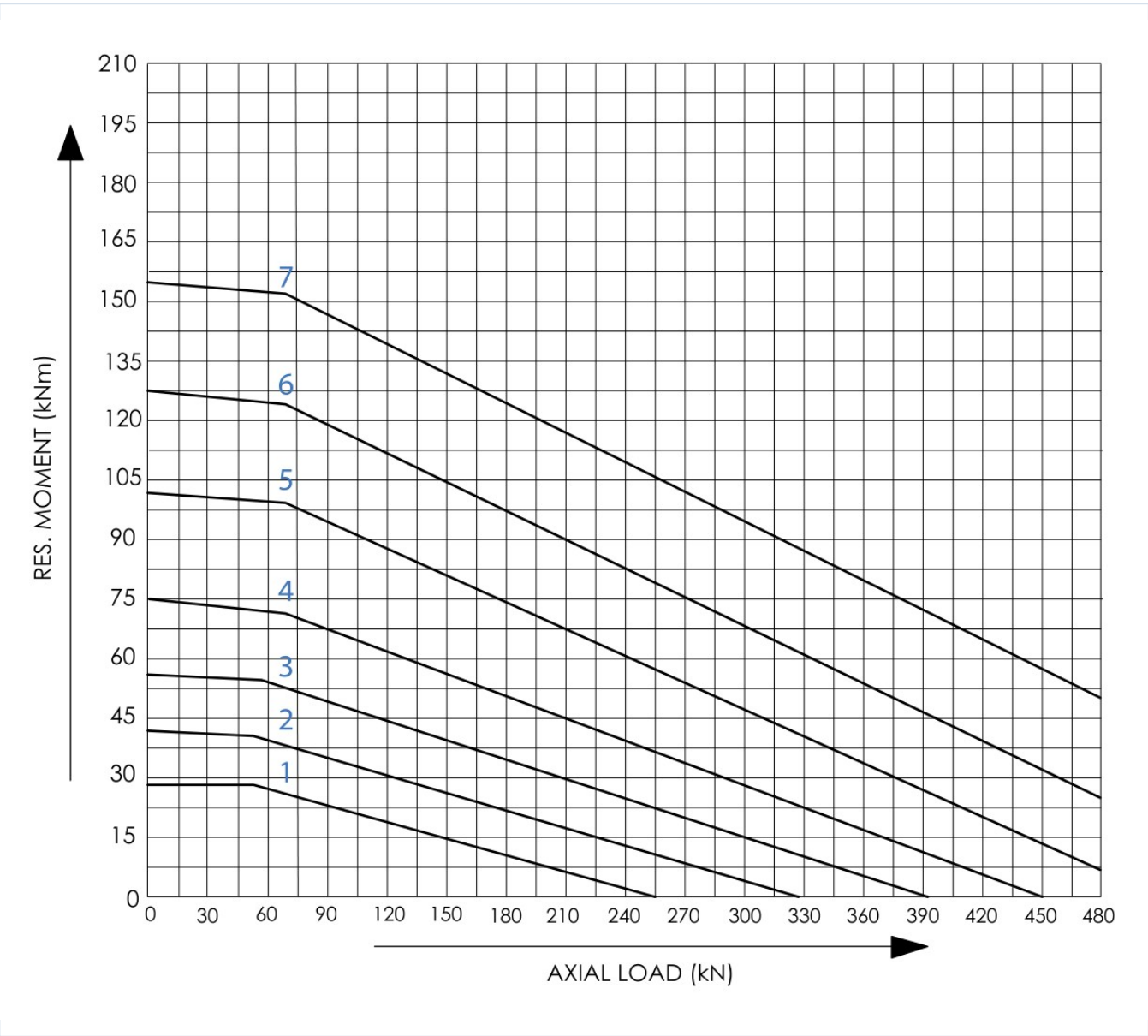
Complete Product Data

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

SOURCE TRACEABILITY	
Source document code	TIBET_MAKINA_2015_CATALOG
Source file	tibet_makina_2015.pdf
PDF page	33
Printed page	33
Source language	TR-EN
Original unit system	Metric
PUBLISHED TECHNICAL MEDIA	
Load Curve Chart	I_ungeared-static-load-curve.webp SHA-256: 0674a03d68c9e322cf0eb5b07a69f398b42b2155aac5cb1e4d31b44cc7c58030
Outline Drawing	I_ungeared-drawing.webp SHA-256: b71fc8f2be30928374664ec6615052238bf312fe86a1c5eca0346ed63b384d6e

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_ungeared-static-load-curve.webp | SHA-256: 0674a03d68c9e322cf0eb5b07a69f398b42b2155aac5cb1e4d31b44cc7c58030

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**UUE7OYJR5JUFB14S2ZYQ3XWYKF****SOURCE DOCUMENT****TIBET_MAKINA_2015_CATALOG****SOURCE FILE****tibet_makina_2015.pdf****SOURCE LOCATION****PDF page 33 | Printed page 33****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 17705201170Product page: <https://rotnex.com/it/prodotti/cuscinetti-di-rotazione-sostitutivi/tibet-makina/0844r-12b-103/>

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