Factory-Verified Replacement

MERYDOM 060.35.0680.000.11.1503

Certified for interchange with Rothe Erde 060.35.0680.000.11.1503. 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

060.35.0680.000.11.1503

REFERENCE

Rothe Erde 060.35.0680.000.11.1503

SERIES

06 Series

STRUCTURE

Esferas de contato de quatro pontos de uma carreira

OVERALL OD

800 mm

OVERALL ID

560 mm

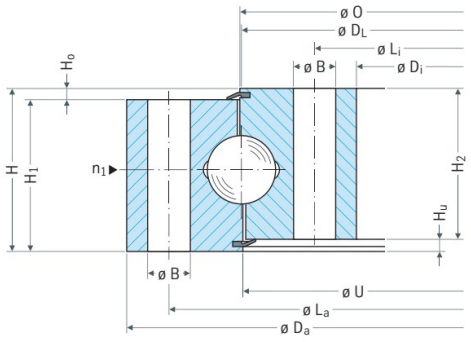
OVERALL HEIGHT

82 mm

GEAR

Sem engrenagem

Published Technical Drawing



page-060-outline.png

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	060.35.0680.000.11.1503
Certified interchangeable with	Rothe Erde 060.35.0680.000.11.1503
Verification status	Level 3 - MERYDOM Engineering Verified
Reviewed by	MERYDOM Engineering Department
Public record UID	7E36DOSBVN6HTEJP6JDU3SZCO3
MATERIALS	
Configurable ring material options	42CrMo / 50Mn
Seal material	NBR - Nitrile rubber
Configurable spacer material options	Engineering nylon / Brass
IDENTIFICATION	
Reference brand	Rothe Erde
Reference series	06 Series
Reference model	060.35.0680.000.11.1503
Bearing structure	Esferas de contato de quatro pontos de uma carreira
Gear arrangement	Sem engrenagem
DIMENSION	
Raceway diameter (DL)	680 mm
Overall outside diameter (Da)	800 mm
Overall inside diameter (Di)	560 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 height (H)	82 mm
Catalog diameter O (O)	681 mm
Catalog diameter U (U)	678 mm
Ring height H1 (H1)	73 mm
Ring height H2 (H2)	73 mm
Lower ring offset Hu (Hu)	9 mm
Upper ring offset Ho (Ho)	9 mm
Assembly weight (Weight)	131 kg
MOUNTING	
Outer ring bolt circle (La)	755 mm
Inner ring bolt circle (Li)	605 mm
Common mounting-hole count (n)	20
Common mounting-hole diameter (B)	22 mm
Metric bolt nominal size (M)	20 mm
MISCELLANEOUS	
Grease nipple count (n1)	4
MOUNTING INTERFACES	
Outer ring mounting	20 holes - B 22,0
Inner ring mounting	20 holes - M 20
GEAR INTERFACE	
Integral gear	Not applicable - ungeared bearing

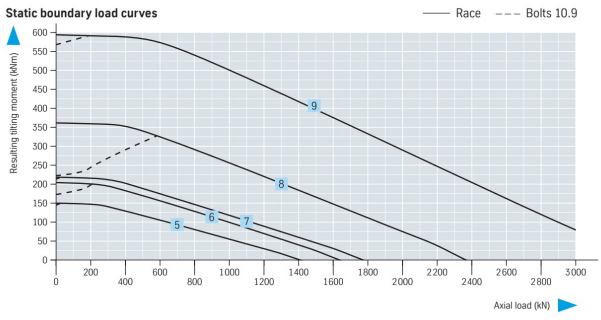
Complete Product Data

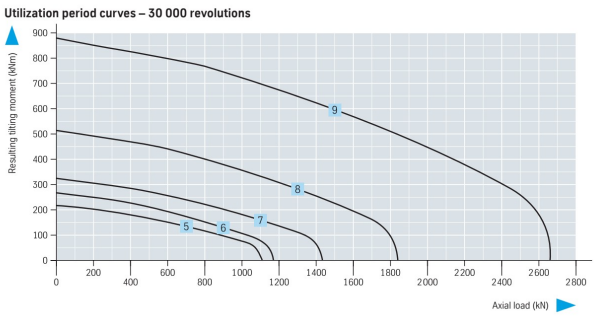
All values below are generated from the current public verified replacement record. Source values are retained and metric references are shown where available.

SOURCE TRACEABILITY	
Source document code	ROTHE_ERDE_CATALOG_2023
Source file	Rothe Erde.pdf
PDF page	60
Printed page	114-115
Source language	EN
Original unit system	Metric
PUBLISHED TECHNICAL MEDIA	
Load Curve Chart	page-060-load-curves.png | SHA-256: e523c51f3809e219539ec54c363a94bb6adaa6eb7d2ddae53445dcd2ce8f7d8b
Outline Drawing	page-060-outline.png | SHA-256: c5a34ee21be1acc2fab700ff1cd29c18803e971c63a851d4d243e3457a6f7e32

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.





page-060-load-curves.png | SHA-256: e523c51f3809e219539ec54c363a94bb6adaa6eb7d2ddae53445dcd2ce8f7d8b

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

7E36DOSBVN6HTEJP6JDU3SZCO3

SOURCE DOCUMENT

ROTHE_ERDE_CATALOG_2023

SOURCE FILE

Rothe Erde.pdf

SOURCE LOCATION

PDF page 60 | Printed page 114-115

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/pt/produtos/rolamentos-de-giro-de-substituicao/rothe-erde/060-35-0680-000-11-1503/