

Factory-Verified Replacement

MERYDOM 060.45.0805.001.11.1504

Certified for interchange with Rothe Erde 060.45.0805.001.11.1504. 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

060.45.0805.001.11.1504

SERIES

06 Series

OVERALL OD

948 mm

OVERALL HEIGHT

99 mm

REFERENCE

Rothe Erde 060.45.0805.001.11.1504

STRUCTURE

Esferas de contato de quatro pontos de uma carreira

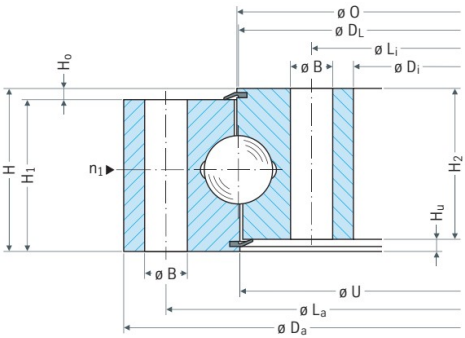
OVERALL ID

662 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	060.45.0805.001.11.1504
Certified interchangeable with	Rothe Erde 060.45.0805.001.11.1504
Verification status	Level 3 - MERYDOM Engineering Verified
Reviewed by	MERYDOM Engineering Department
Public record UID	O25EVWBMRTGOBI3GJNAMHVEEV
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	060.45.0805.001.11.1504
Bearing structure	Esferas de contato de quatro pontos de uma carreira
Gear arrangement	Sem engrenagem
DIMENSION	
Raceway diameter (DL)	805 mm
Overall outside diameter (Da)	948 mm
Overall inside diameter (Di)	662 mm

Complete Product Data

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DIMENSION (CONTINUED)	
Overall height (H)	99 mm
Catalog diameter O (O)	807 mm
Catalog diameter U (U)	803 mm
Ring height H1 (H1)	90 mm
Ring height H2 (H2)	90 mm
Lower ring offset Hu (Hu)	9 mm
Upper ring offset Ho (Ho)	9 mm
Assembly weight (Weight)	215 kg
MOUNTING	
Outer ring bolt circle (La)	896 mm
Inner ring bolt circle (Li)	714 mm
Common mounting-hole count (n)	30
Common mounting-hole diameter (B)	26 mm
Metric bolt nominal size (M)	24 mm
MISCELLANEOUS	
Grease nipple count (n1)	4
MOUNTING INTERFACES	
Outer ring mounting	30 holes - B 26,0
Inner ring mounting	30 holes - M 24
GEAR INTERFACE	
Integral gear	Not applicable - ungeared bearing

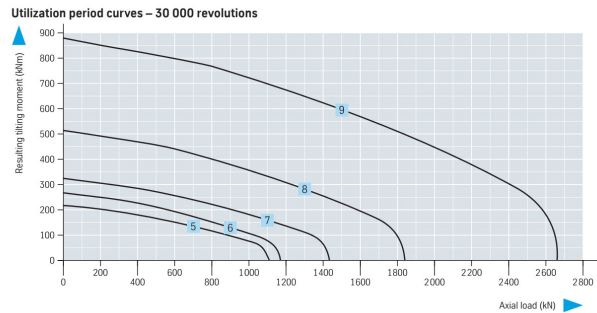
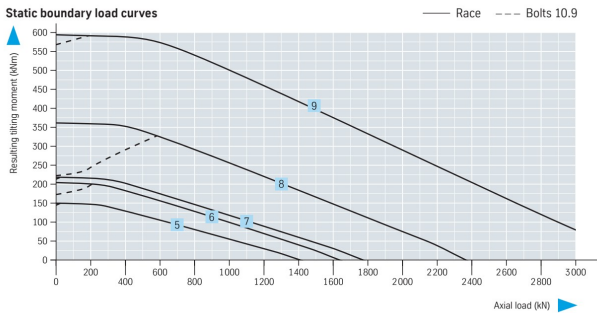
Complete Product Data

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SOURCE TRACEABILITY	
Source document code	ROTHERDE_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**O25EVWBMRTGOBI3GJNAMHVEEVR****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/060-45-0805-001-11-1504/>

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