

MERYDOM 060.45.0805.001.11.1504

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

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	O25EVWBMRTGOBI3GJNAMHVEEVR
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	Single-row four-point contact ball
Gear arrangement	Ungeared
DIMENSION	
Raceway diameter (DL)	805 mm
Overall outside diameter (Da)	948 mm
Overall inside diameter (Di)	662 mm

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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

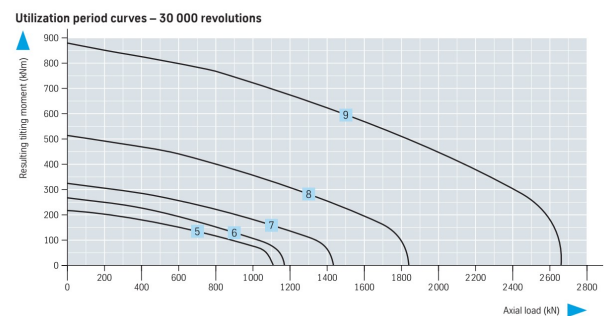
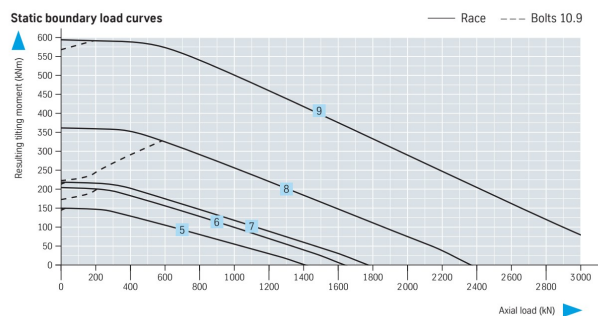
Complete Product Data

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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

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

Product page: <https://rotnex.com/products/slewing-bearing-replacements/rothe-erde/060-45-0805-001-11-1504/>

Trademark and legal notice: referenced brand and model names are used only for identification and cross-reference. MERYDOM is an independent manufacturer and is not affiliated with or endorsed by the referenced brand unless expressly stated.