

Factory-Verified Replacement

MERYDOM 74-1427-01

Certified for interchange with ROLLIX 74-1427-01. 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

74-1427-01

REFERENCE

ROLLIX 74-1427-01

SERIES

74 Series

STRUCTURE

ift s ral makaral rulman

OVERALL OD

1,579 mm

OVERALL ID

1,207 mm

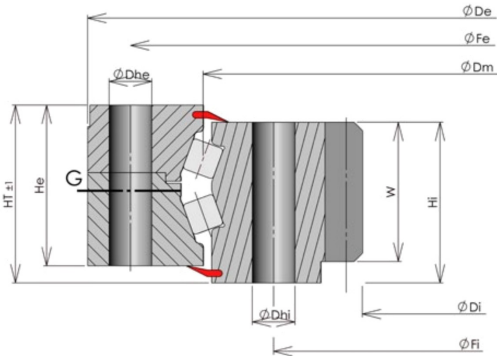
OVERALL HEIGHT

131 mm

GEAR

ten di li

Published Technical Drawing



rollix-page-136-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	74-1427-01
Certified interchangeable with	ROLLIX 74-1427-01
Verification status	Level 3 - MERYDOM Engineering Verified
Reviewed by	MERYDOM Engineering Department
Public record UID	37EIWKPDF6XI632FWRUXSWSKSW
MATERIALS	
Configurable ring material options	42CrMo / 50Mn
Seal material	NBR - Nitrile rubber
Configurable spacer material options	Engineering nylon / Brass
IDENTIFICATION	
Reference brand	ROLLIX
Reference series	74 Series
Reference model	74-1427-01
Bearing structure	ift s ral makaral rulman
Gear arrangement	ten di li
DIMENSION	
Overall height (HT)	131 mm
Overall outside diameter (Dia De)	1 579 mm
Outer ring height (He)	119 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 inside diameter (Dia Di)	1 207 mm
Inner ring height (Hi)	119 mm
Assembly weight (Weight)	572 kg
MOUNTING	
Outer ring hole type (External ring hole type)	Th
Outer ring bolt circle (Dia Fe)	1 519 mm
Outer ring mounting-hole count (Ne)	72
Outer ring mounting-hole specification (Dhe)	30 mm
Inner ring hole type (Inner ring hole type)	Th
Inner ring bolt circle (Dia Fi)	1 344 mm
Inner ring mounting-hole count (Ni)	72
Inner ring mounting-hole specification (Dhi)	30 mm
GEAR	
Gear module (Module)	14 mm
Gear tooth count (Z)	87
Gear face width (W)	107 mm
PERFORMANCE	
Gear capacity, unhardened (Gear capacity unhardened)	283 kN
Gear capacity, hardened (Gear capacity hardened)	329 kN
MISCELLANEOUS	

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MISCELLANEOUS (CONTINUED)	
Ring with greasing holes (Ring with greasing holes)	E
Greasing hole type (Greasing hole type)	R
PERFORMANCE RATINGS	
Rating Gear Capacity Hardened	329 kN Not simultaneous with other listed dynamic ratings
Rating Gear Capacity Unhardened	283 kN Not simultaneous with other listed dynamic ratings
MOUNTING INTERFACES	
Outer ring mounting	72 holes - External ring hole type Th; Dhe 30 mm
Inner ring mounting	72 holes - Inner ring hole type Th; Dhi 30 mm
GEAR INTERFACE	
Pitch system	module
Module reference	14 mm
Number of teeth	87
SOURCE TRACEABILITY	
Source document code	ROLLIX-CATALOGUE-SLEWING-RINGS-2024-07
Source file	ROLLIX.pdf
PDF page	136
Printed page	136
Source language	EN
Original unit system	Metric
PUBLISHED TECHNICAL MEDIA	

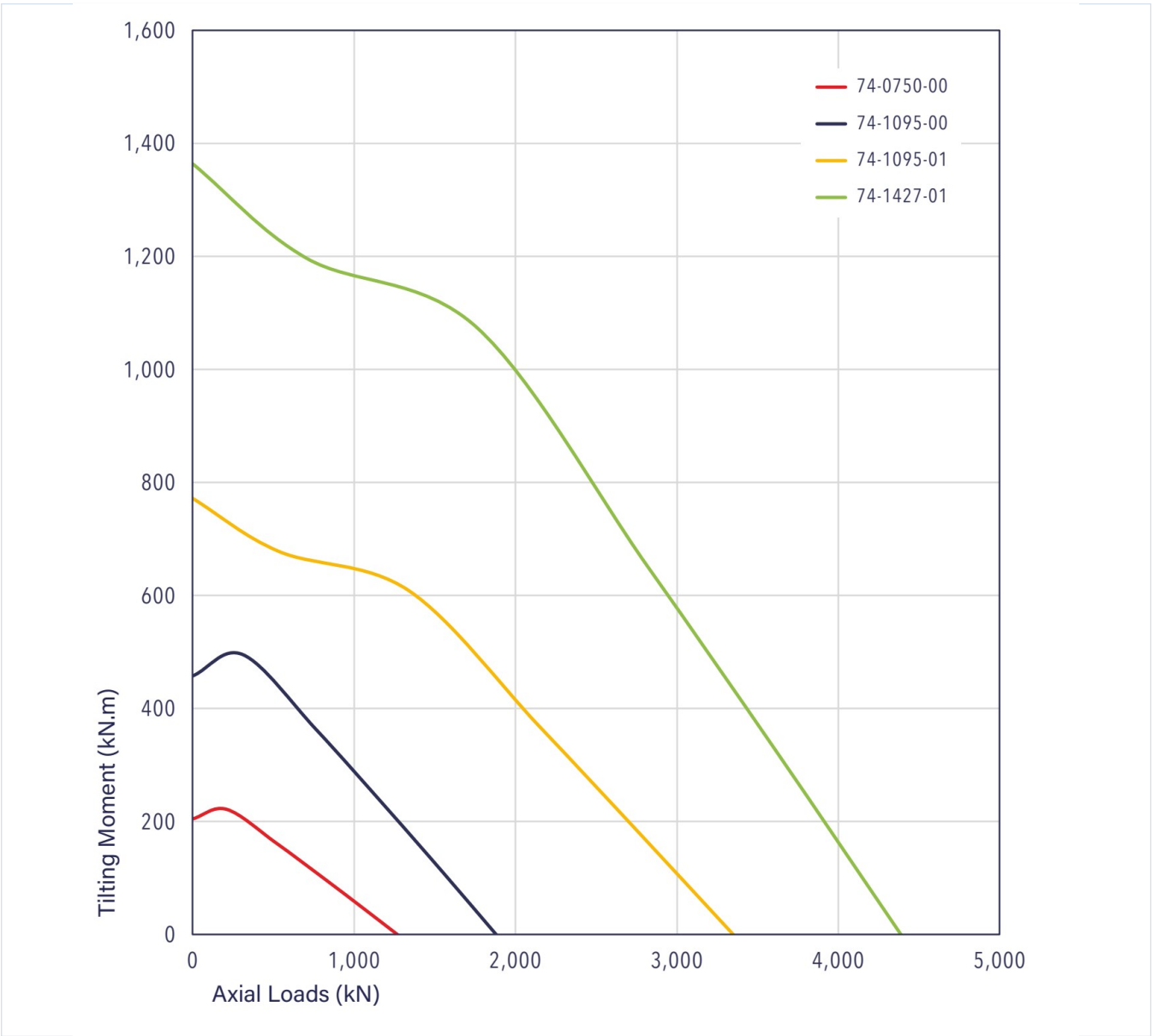
Complete Product Data

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

PUBLISHED TECHNICAL MEDIA (CONTINUED)	
Load Curve Chart	rollix-page-136-curve.webp SHA-256: b365d20abd4f0b07b435196acbdd3b6484e50f1f8bf590b0523638492e64ed19
Outline Drawing	rollix-page-136-drawing.webp SHA-256: e0a6758f170282a7159494349ecd2698adead9e3fcaf14967c3b4c26ec0c55b1

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.



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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 37EIWKPDF6XI632FWRUXSWSKSW	SOURCE DOCUMENT ROLLIX-CATALOGUE-SLEWING-RINGS-2024-07
SOURCE FILE ROLLIX.pdf	SOURCE LOCATION PDF page 136 Printed page 136
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/tr/urunler/muadil-doner-tabla-rulmanlari/rollix/74-1427-01/>

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