

MERYDOM 06-0980-09

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

MERYDOM MODEL

06-0980-09

REFERENCE

ROLLIX 06-0980-09

SERIES

06 Series

STRUCTURE

Tek s ral apraz makaral

OVERALL OD

1,144 mm

OVERALL ID

869 mm

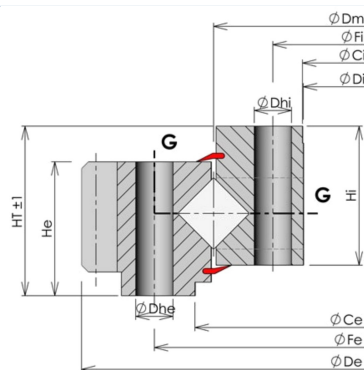
OVERALL HEIGHT

100 mm

GEAR

D tan di li

Published Technical Drawing



rollix-page-101-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	06-0980-09
Certified interchangeable with	ROLLIX 06-0980-09
Verification status	Level 3 - MERYDOM Engineering Verified
Reviewed by	MERYDOM Engineering Department
Public record UID	Y73HHQDAIBQT3ZZ4E6PCD4BWXA
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	06 Series
Reference model	06-0980-09
Bearing structure	Tek s ral apraz makaral
Gear arrangement	D tan di li
DIMENSION	
Overall height (HT)	100 mm
Overall outside diameter (Dia De)	1 144 mm
Outer ring height (He)	79 mm

Complete Product Data

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DIMENSION (CONTINUED)	
Overall inside diameter (Dia Di)	869 mm
Inner ring height (Hi)	84 mm
Assembly weight (Weight)	222 kg
MOUNTING	
Outer ring pilot diameter (Dia Ce)	993 mm
Inner ring pilot diameter (Dia Ci)	870 mm
Outer ring hole type (External ring hole type)	Th
Outer ring bolt circle (Dia Fe)	1 050 mm
Outer ring mounting-hole count (Ne)	36
Outer ring mounting-hole specification (Dhe)	22 mm
Inner ring hole type (Inner ring hole type)	Th
Inner ring bolt circle (Dia Fi)	910 mm
Inner ring mounting-hole count (Ni)	36
Inner ring mounting-hole specification (Dhi)	22 mm
GEAR	
Gear module (Module)	10 mm
Gear tooth count (Z)	111
Gear face width (W)	67 mm
PERFORMANCE	
Gear capacity, unhardened (Gear capacity unhardened)	99 kN

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PERFORMANCE (CONTINUED)	
Gear capacity, hardened (Gear capacity hardened)	132 kN
MISCELLANEOUS	
Ring with greasing holes (Ring with greasing holes)	E+I
Greasing hole type (Greasing hole type)	F+R
PERFORMANCE RATINGS	
Rating Gear Capacity Hardened	132 kN Not simultaneous with other listed dynamic ratings
Rating Gear Capacity Unhardened	99 kN Not simultaneous with other listed dynamic ratings
MOUNTING INTERFACES	
Outer ring mounting	36 holes - External ring hole type Th; Dhe 22 mm
Inner ring mounting	36 holes - Inner ring hole type Th; Dhi 22 mm
GEAR INTERFACE	
Pitch system	module
Module reference	10 mm
Number of teeth	111
SOURCE TRACEABILITY	
Source document code	ROLLIX-CATALOGUE-SLEWING-RINGS-2024-07
Source file	ROLLIX.pdf
PDF page	101
Printed page	101
Source language	EN
Original unit system	Metric

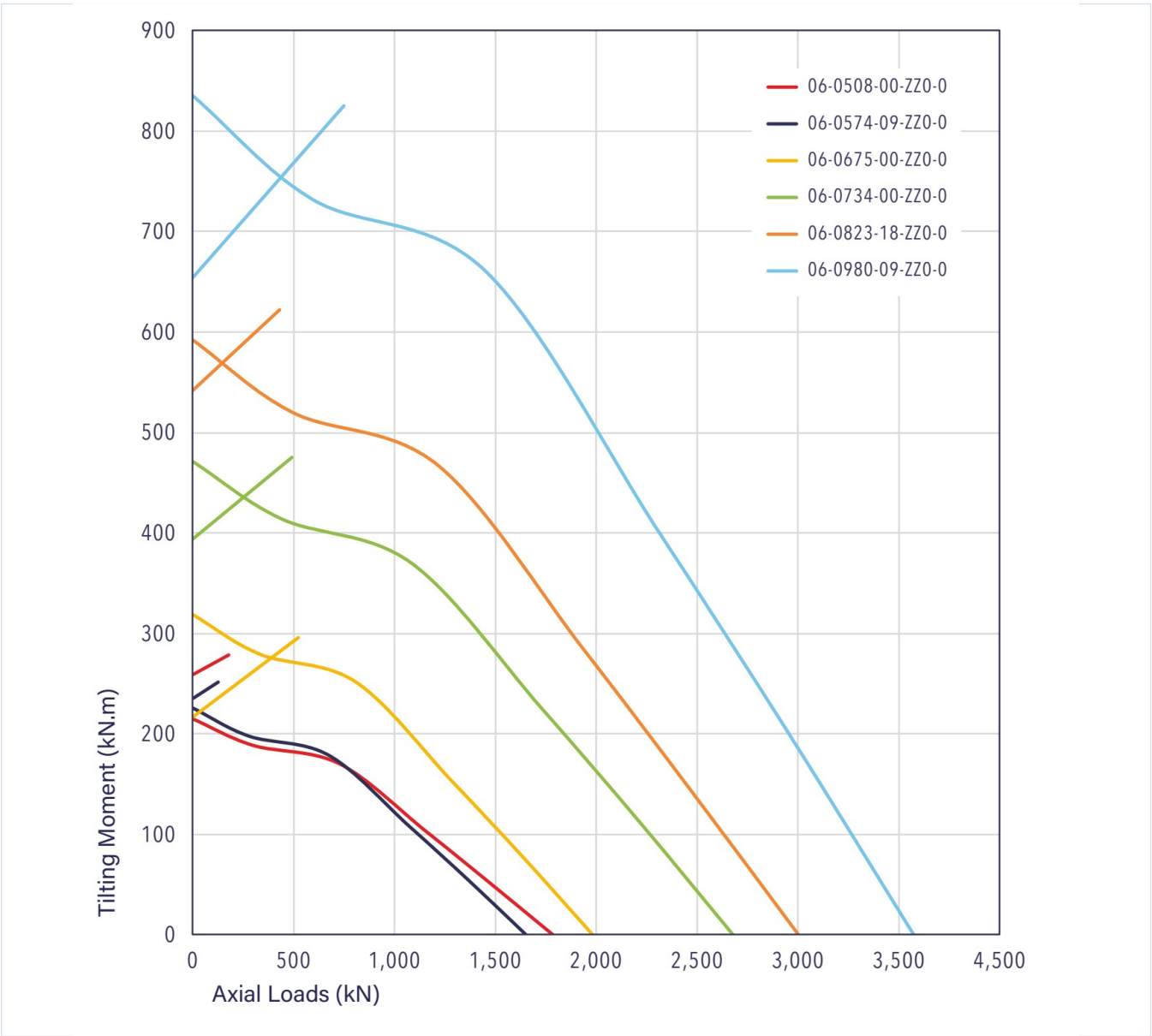
Complete Product Data

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PUBLISHED TECHNICAL MEDIA	
Load Curve Chart	rollix-page-101-curve.webp SHA-256: 90395ecd7a99f824d16a39034ee4c3fa0c9dd0b8ee04588acf25500c34506971
Outline Drawing	rollix-page-101-drawing.webp SHA-256: a5736d9cad0fde539f2570119068ca06caaaaedd1bc75c37763ca7927829b61f

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.



rollix-page-101-curve.webp | SHA-256: 90395ecd7a99f824d16a39034ee4c3fa0c9dd0b8ee04588acf25500c34506971

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 Y73HHQDAIBQT3ZZ4E6PCD4BWXA	SOURCE DOCUMENT ROLLIX-CATALOGUE-SLEWING-RINGS-2024-07
SOURCE FILE ROLLIX.pdf	SOURCE LOCATION PDF page 101 Printed page 101
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/06-0980-09/>

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