Factory-Verified Replacement

MERYDOM VI200A00

Certified for interchange with La Leonessa VI200A00. 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
VI200A00

REFERENCE
La Leonessa VI200A00

SERIES
1SI Series

STRUCTURE
D rt nokta temasl bilyal

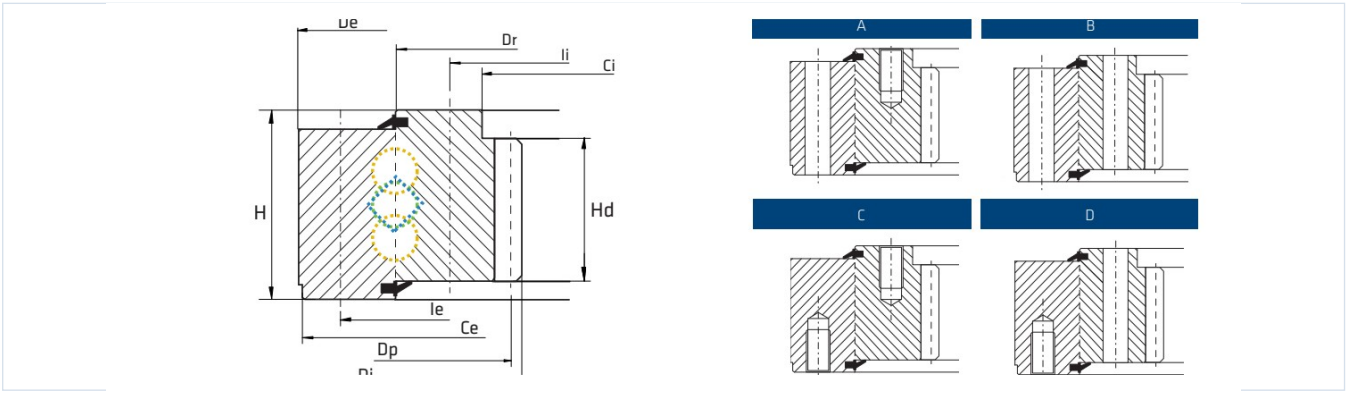
OVERALL OD
2,000 mm

OVERALL ID
1,680 mm

OVERALL HEIGHT
89 mm

GEAR
ten di li

Published Technical Drawing



la-leonessa-1si-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	VI200A00
Certified interchangeable with	La Leonessa VI200A00
Verification status	Level 3 - MERYDOM Engineering Verified
Reviewed by	MERYDOM Engineering Department
Public record UID	Z35PEHH42ZIFLC2ZIU7XAAFFFN
MATERIALS	
Configurable ring material options	42CrMo / 50Mn
Seal material	NBR - Nitrile rubber
Configurable spacer material options	Engineering nylon / Brass
IDENTIFICATION	
Reference brand	La Leonessa
Reference series	1SI Series
Reference model	VI200A00
Bearing structure	D rt nokta temasl bilyal
Gear arrangement	ten di li
DIMENSION	
Mass (P)	515 kg
Overall outside diameter (De)	2 000 mm
Overall inside diameter (Di)	1 680 mm

Complete Product Data

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DIMENSION (CONTINUED)	
Overall height (H)	89 mm
Dim Dr (Dr)	1 880,5 mm
Dim Centering External (Ce)	2.000 0/-0,4 mm
Dim Centering Internal (Ci)	1.878 0/-0,4 mm
MOUNTING	
Outer ring bolt circle (Ie)	1 960 mm
Outer ring mounting-hole count (ne)	18
Outer ring mounting-hole specification (Me)	M20
Inner ring bolt circle (Ii)	1 794 mm
Inner ring mounting-hole count (ni)	18
Inner ring mounting-hole specification (Mi)	M20
GEAR	
Gear module (m)	10 mm
Gear tooth count (z)	170
Gear pitch diameter (Dp)	1 700 mm
Gear Tooth Height (Hd)	70 mm
PERFORMANCE	
Basic static axial load rating (C0a)	6 700 kN
Static tilting moment rating (M0r)	2 874 kNm
Normal tooth force (Fnom)	69 kN

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PERFORMANCE (CONTINUED)	
Maximum tooth force (Fmax)	138 kN
MISCELLANEOUS	
Pattern (Schema)	A
PERFORMANCE RATINGS	
Rating Axial Static	6 700 kN | Not simultaneous with other listed dynamic ratings
Rating Tilting Moment Static	2 874 kNm | Not simultaneous with other listed dynamic ratings
Rating Tooth Force Normal	69 kN | Not simultaneous with other listed dynamic ratings
Rating Tooth Force Max	138 kN | Not simultaneous with other listed dynamic ratings
MOUNTING INTERFACES	
Outer ring mounting	18 holes - 18; M20
Inner ring mounting	18 holes - 18; M20
GEAR INTERFACE	
Pitch system	module
Module reference	10 mm
Number of teeth	170
SOURCE TRACEABILITY	
Source document code	LA-LEONESSA-INTERNAL-GEAR-CATALOG-2017
Source file	SLEWING-BEARINGS-WITH-INTERNAL-GEAR.pdf
PDF page	12
Printed page	12
Source language	EN

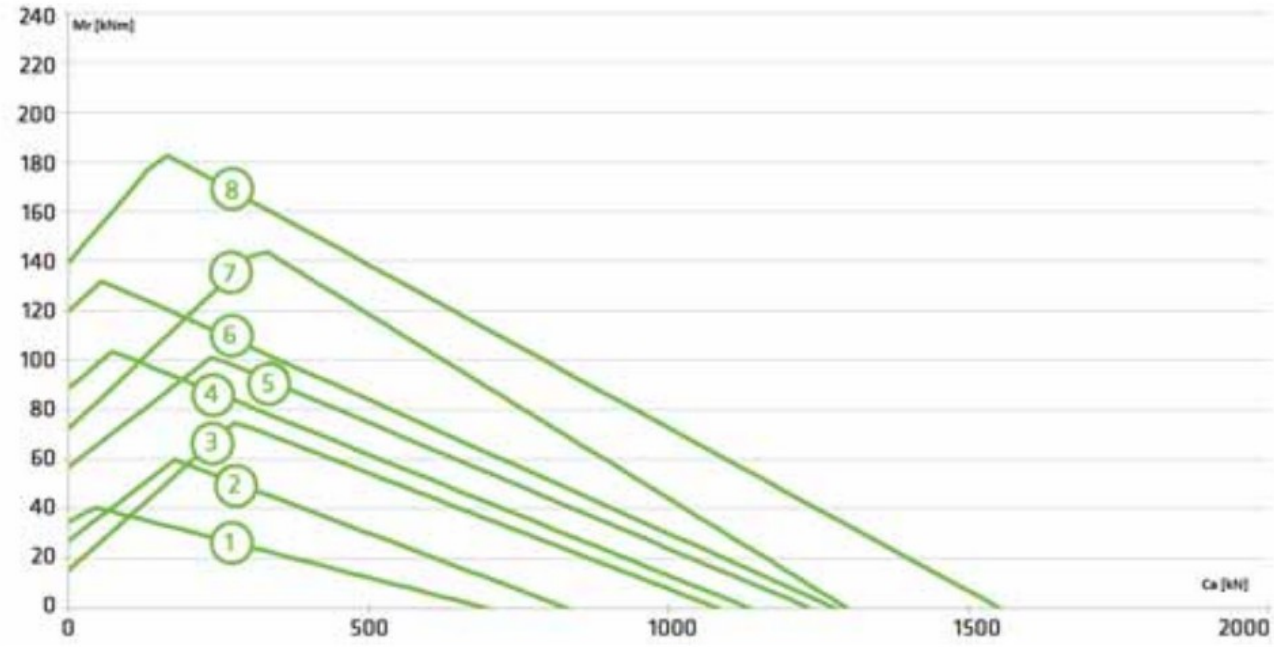
Complete Product Data

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 (CONTINUED)	
Original unit system	Metric
PUBLISHED TECHNICAL MEDIA	
Load Curve Chart	la-leonessa-1si-static_load_curve.webp | SHA-256: 0b170a48507420b5ae37a22d4354cc69ba563923e9226723d7a4253fd72d5189
Outline Drawing	la-leonessa-1si-drawing.webp | SHA-256: 3c0269351f1480df2b4130d7fb5c79552a0896a4f557467d7b138da54c54c490

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.



la-leonessa-1si-static_load_curve.webp | SHA-256: 0b170a48507420b5ae37a22d4354cc69ba563923e9226723d7a4253fd72d5189

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

Z35PEHH42ZIFLC2ZIU7XAAFFFN

SOURCE DOCUMENT

LA-LEONESSA-INTERNAL-GEAR-CATALOG-2017

SOURCE FILE

SLEWING-BEARINGS-WITH-INTERNAL-GEAR.pdf

SOURCE LOCATION

PDF page 12 | Printed page 12

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/la-leonessa/vi200a00/