

Factory-Verified Replacement

MERYDOM VS285A00

Certified for interchange with La Leonessa VS285A00. 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

VS285A00

SERIES

1S Series

OVERALL OD

2,853 mm

OVERALL HEIGHT

108 mm

REFERENCE

La Leonessa VS285A00

STRUCTURE

D rt nokta temasl bilyal

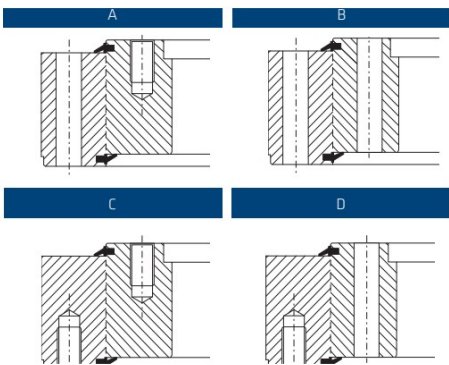
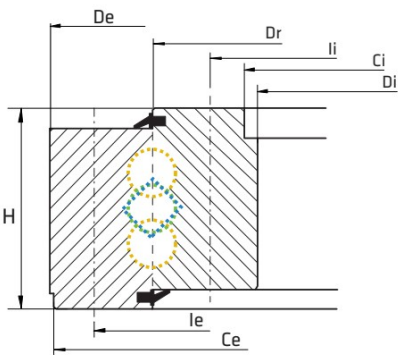
OVERALL ID

mm

GEAR

Di lisiz

Published Technical Drawing



la-leonessa-1s-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	VS285A00
Certified interchangeable with	La Leonessa VS285A00
Verification status	Level 3 - MERYDOM Engineering Verified
Reviewed by	MERYDOM Engineering Department
Public record UID	322JR6GVZOS2WEKMCPYOGFNO6Q
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	1S Series
Reference model	VS285A00
Bearing structure	D rt nokta temasl bilyal
Gear arrangement	Di lisiz
DIMENSION	
Mass (P)	830 kg
Overall outside diameter (De)	2 853 mm
Overall inside diameter (Di)	2.590v mm

Complete Product Data

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DIMENSION (CONTINUED)	
Overall height (H)	108 mm
Dim Dr (Dr)	2 719,5 mm
Dim Centering Internal (Ci)	2.592 0/+0,5 mm
MOUNTING	
Outer ring bolt circle (Ie)	2 813 mm
Outer ring mounting-hole count (ne)	24
Outer ring mounting-hole specification (Me)	M18
Inner ring bolt circle (Ii)	2 625 mm
Inner ring mounting-hole count (ni)	24
Inner ring mounting-hole specification (Mi)	M18
PERFORMANCE	
Basic static axial load rating (C0a)	14 510 kN
Static tilting moment rating (M0r)	9 600 kNm
MISCELLANEOUS	
Pattern (Schema)	A
PERFORMANCE RATINGS	
Rating Axial Static	14 510 kN Not simultaneous with other listed dynamic ratings
Rating Tilting Moment Static	9 600 kNm Not simultaneous with other listed dynamic ratings
MOUNTING INTERFACES	
Outer ring mounting	24 holes - 24; M18

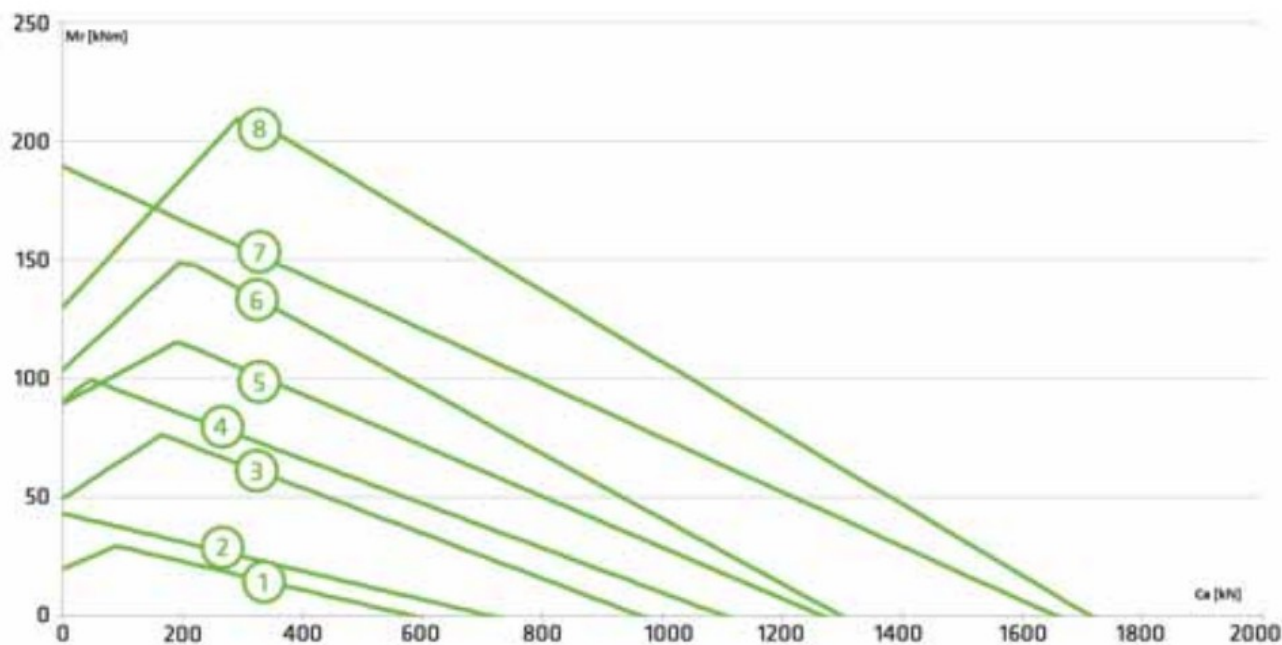
Complete Product Data

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

MOUNTING INTERFACES (CONTINUED)	
Inner ring mounting	24 holes - 24; M18
GEAR INTERFACE	
Integral gear	Not applicable - ungeared bearing
SOURCE TRACEABILITY	
Source document code	LA-LEONESSA-UNGEARED-CATALOG-2017
Source file	SLEWING-BEARINGS-WITHOUT-GEAR.pdf
PDF page	12
Printed page	12
Source language	EN
Original unit system	Metric
PUBLISHED TECHNICAL MEDIA	
Load Curve Chart	la-leonessa-1s-static_load_curve.webp SHA-256: 713d02f616f09913cdcc02f3aeffc4a1730f28dceaa348c35af5e5c7d6 69a49c
Outline Drawing	la-leonessa-1s-drawing.webp SHA-256: 4a923085cb91a56ef5e6fb7c569b7ef7d45a30c435f21fe886282908e4 c75ec4

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-1s-static_load_curve.webp | SHA-256:
713d02f616f09913cdcc02f3aeffc4a1730f28dceaa348c35af5e5c7d669a49c

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 322JR6GVZOS2WEKMCPYOGFNO6Q	SOURCE DOCUMENT LA-LEONESSA-UNGEARED-CATALOG-2017
SOURCE FILE SLEWING-BEARINGS-WITHOUT-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/vs285a00/>

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