

Factory-Verified Replacement

MERYDOM VS050B00

Certified for interchange with La Leonessa VS050B00. 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

VS050B00

SERIES

2S Series

OVERALL OD

504 mm

OVERALL HEIGHT

92 mm

REFERENCE

La Leonessa VS050B00

STRUCTURE

Double-row ball

OVERALL ID

300 mm

GEAR

Ungeared

Published Technical Drawing



la-leonessa-2s-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	VS050B00
Certified interchangeable with	La Leonessa VS050B00
Verification status	Level 3 - MERYDOM Engineering Verified
Reviewed by	MERYDOM Engineering Department
Public record UID	XONMNCBN3CMII7OBCPHVIDJ73R
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	2S Series
Reference model	VS050B00
Bearing structure	Double-row ball
Gear arrangement	Ungeared
DIMENSION	
Mass (P)	74 kg
Overall outside diameter (De)	504 mm
Overall inside diameter (Di)	300 mm

Complete Product Data

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DIMENSION (CONTINUED)	
Overall height (H)	92 mm
Dim Dr (Dr)	383 mm
Dim Centering External (Ce)	466 0/-0,3 mm
Dim Centering Internal (Ci)	300 +0,3/0 mm
MOUNTING	
Outer ring bolt circle (Ie)	436 mm
Outer ring mounting-hole count (ne)	24
Outer ring mounting-hole specification (Me)	M16
Inner ring bolt circle (Ii)	330 mm
Inner ring mounting-hole count (ni)	24-2
Inner ring mounting-hole specification (Mi)	M16
PERFORMANCE	
Basic static axial load rating (C0a)	1,330 kN
Static tilting moment rating (M0r)	118 kNm
MISCELLANEOUS	
Pattern (Schema)	B
PERFORMANCE RATINGS	
Rating Axial Static	1,330 kN Not simultaneous with other listed dynamic ratings
Rating Tilting Moment Static	118 kNm Not simultaneous with other listed dynamic ratings
MOUNTING INTERFACES	

Complete Product Data

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MOUNTING INTERFACES (CONTINUED)	
Outer ring mounting	24 holes - 24; M16
Inner ring mounting	24 holes - 24-2; M16
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	4
Printed page	4
Source language	EN
Original unit system	Metric
PUBLISHED TECHNICAL MEDIA	
Load Curve Chart	la-leonessa-2s-static_load_curve.webp SHA-256: bd0fa5826fce2237fa8f96813c8064c10c9eca12a0bbc91886a42a2836fab532
Outline Drawing	la-leonessa-2s-drawing.webp SHA-256: 4a923085cb91a56ef5e6fb7c569b7ef7d45a30c435f21fe886282908e4c75ec4

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-2s-static_load_curve.webp | SHA-256:
bd0fa5826fce2237fa8f96813c8064c10c9eca12a0bbc91886a42a2836fab532

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

XONMNCBN3CMII7OBCPHVIDJ73R

SOURCE DOCUMENT

LA-LEONESSA-UNGEARED-CATALOG-2017

SOURCE FILE

SLEWING-BEARINGS-WITHOUT-GEAR.pdf

SOURCE LOCATION

PDF page 4 | Printed page 4

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/products/slewing-bearing-replacements/la-leonessa/vs050b00/>

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