

Factory-Verified Replacement

MERYDOM VS075A01

Certified for interchange with La Leonessa VS075A01. 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

VS075A01

SERIES

1S Series

OVERALL OD

750 mm

OVERALL HEIGHT

63 mm

REFERENCE

La Leonessa VS075A01

STRUCTURE

Four-point contact ball

OVERALL ID

546 mm

GEAR

Ungeared

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	VS075A01
Certified interchangeable with	La Leonessa VS075A01
Verification status	Level 3 - MERYDOM Engineering Verified
Reviewed by	MERYDOM Engineering Department
Public record UID	DD6NHEXXACGQGXZDSZB3A5AN5U
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	VS075A01
Bearing structure	Four-point contact ball
Gear arrangement	Ungeared
DIMENSION	
Mass (P)	80 kg
Overall outside diameter (De)	750 mm
Overall inside diameter (Di)	546 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 height (H)	63 mm
Dim Dr (Dr)	663 mm
Dim Centering External (Ce)	750 0 / -0,4 mm
Dim Centering Internal (Ci)	575 +0,4 / 0 mm
MOUNTING	
Outer ring bolt circle (Ie)	720 mm
Outer ring mounting-hole count (ne)	20
Outer ring mounting-hole specification (Me)	M16
Inner ring bolt circle (Ii)	605 mm
Inner ring mounting-hole count (ni)	20
Inner ring mounting-hole specification (Mi)	M16
PERFORMANCE	
Basic static axial load rating (C0a)	1,710 kN
Static tilting moment rating (M0r)	257 kNm
MISCELLANEOUS	
Pattern (Schema)	A
PERFORMANCE RATINGS	
Rating Axial Static	1,710 kN Not simultaneous with other listed dynamic ratings
Rating Tilting Moment Static	257 kNm Not simultaneous with other listed dynamic ratings
MOUNTING INTERFACES	

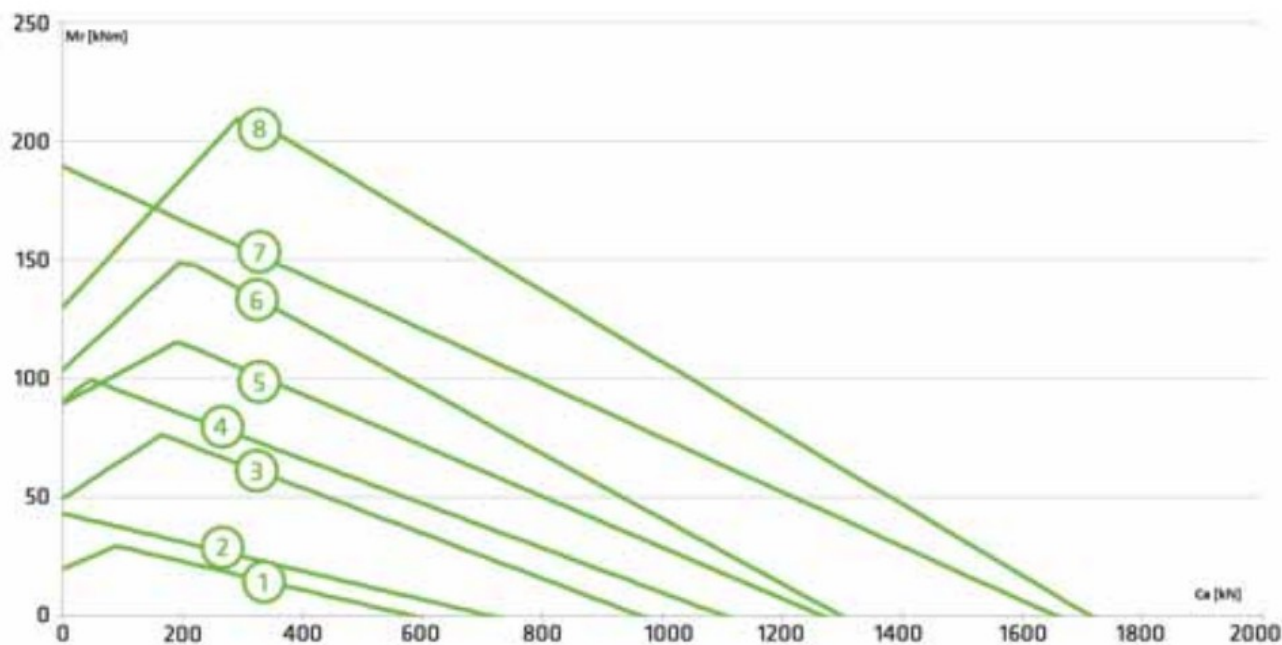
Complete Product Data

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)	
Outer ring mounting	20 holes - 20; M16
Inner ring mounting	20 holes - 20; 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-1s-static_load_curve.webp SHA-256: 713d02f616f09913cdcc02f3aeffc4a1730f28dceaa348c35af5e5c7d669a49c
Outline Drawing	la-leonessa-1s-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-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**DD6NHEXXACGQGXSZB3A5AN5U****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

Email: jovi@merydom.com | Email: andi@merydom.com | WhatsApp: +86 17705201170Product page: <https://rotnex.com/products/slewing-bearing-replacements/la-leonessa/vs075a01/>

Trademark and legal notice: referenced brand and model names are used only for identification and cross-reference. MERYDOM is an independent manufacturer and is not affiliated with or endorsed by the referenced brand unless expressly stated.