

Factory-Verified Replacement

MERYDOM V30S018

Certified for interchange with La Leonessa V30S018. 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

V30S018

SERIES

1R Series

OVERALL OD

979 mm

OVERALL HEIGHT

100 mm

REFERENCE

La Leonessa V30S018

STRUCTURE

Sfere a quattro punti di contatto

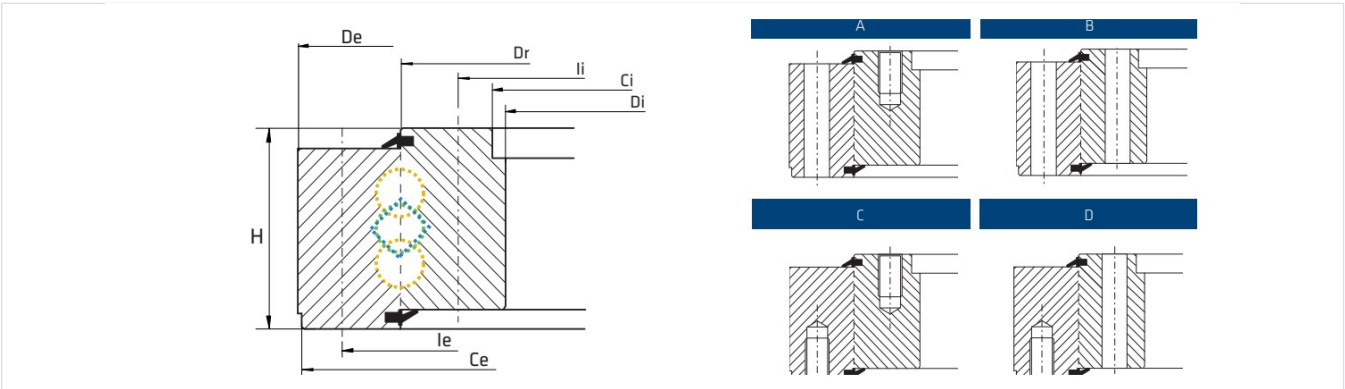
OVERALL ID

718 mm

GEAR

Senza dentatura

Published Technical Drawing



la-leonessa-1r-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	V30S018
Certified interchangeable with	La Leonessa V30S018
Verification status	Level 3 - MERYDOM Engineering Verified
Reviewed by	MERYDOM Engineering Department
Public record UID	ZUQKF373ZH5EMFP5NS6ILVEEJH
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	1R Series
Reference model	V30S018
Bearing structure	Sfere a quattro punti di contatto
Gear arrangement	Senza dentatura
DIMENSION	
Mass (P)	205 kg
Overall outside diameter (De)	979 mm
Overall inside diameter (Di)	718 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)	100 mm
Dim Dr (Dr)	823 mm
Dim Centering External (Ce)	932 -0,3/0 mm
Dim Centering Internal (Ci)	718 0/+0,3 mm
MOUNTING	
Outer ring bolt circle (Ie)	893 mm
Outer ring mounting-hole count (ne)	18
Outer ring mounting-hole specification (Me)	M20
Inner ring bolt circle (Ii)	753 mm
Inner ring mounting-hole count (ni)	18
Inner ring mounting-hole specification (Mi)	M20
PERFORMANCE	
Basic static axial load rating (C0a)	3.530 kN
Static tilting moment rating (M0r)	576 kNm
MISCELLANEOUS	
Pattern (Schema)	B
PERFORMANCE RATINGS	
Rating Axial Static	3.530 kN Not simultaneous with other listed dynamic ratings
Rating Tilting Moment Static	576 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	18 holes - 18; M20
Inner ring mounting	18 holes - 18; M20
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	8
Printed page	8
Source language	EN
Original unit system	Metric
PUBLISHED TECHNICAL MEDIA	
Load Curve Chart	la-leonessa-1r-static_load_curve.webp SHA-256: ca44819ab8b892e781d45588013fe35a227cd108ab101a3ef61d4b7f05e373ea
Outline Drawing	la-leonessa-1r-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-1r-static_load_curve.webp | SHA-256:
ca44819ab8b892e781d45588013fe35a227cd108ab101a3ef61d4b7f05e373ea

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

ZUQKF373ZH5EMFP5NS6ILVEEJH

SOURCE DOCUMENT

LA-LEONESSA-UNGEARED-CATALOG-2017

SOURCE FILE

SLEWING-BEARINGS-WITHOUT-GEAR.pdf

SOURCE LOCATION

PDF page 8 | Printed page 8

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 17705201170

Product page: <https://rotnex.com/it/prodotti/cuscinetti-di-rotazione-sostitutivi/la-leonessa/v30s018/>

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.