

Factory-Verified Replacement

MERYDOM 16267001

Certified for interchange with Kaydon 16267001. 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

16267001

REFERENCE

Kaydon 16267001

SERIES

DT Series

STRUCTURE

Sfere a contatto su otto punti

OVERALL OD

1,915.008 mm

OVERALL ID

1,485.9 mm

OVERALL HEIGHT

155.194 mm

GEAR

Dentatura esterna

No public model drawing is attached to this record. Submit the application and required interface format for final drawing confirmation.

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	16267001
Certified interchangeable with	Kaydon 16267001
Verification status	Level 3 - MERYDOM Engineering Verified
Reviewed by	MERYDOM Engineering Department
Public record UID	TSF3PFTNBVOKGY6FHPLVPU32OT
MATERIALS	
Configurable ring material options	42CrMo / 50Mn
Seal material	NBR - Nitrile rubber
Configurable spacer material options	Engineering nylon / Brass
IDENTIFICATION	
Reference brand	Kaydon
Reference series	DT Series
Reference model	16267001
Bearing structure	Sfere a contatto su otto punti
Gear arrangement	Dentatura esterna
DIMENSION	
Overall outside diameter (Do)	75.394 in Metric reference: circa 1.915,01 mm
Overall inside diameter (di)	58.500 in Metric reference: circa 1.486 mm
Outer ring body OD (Dr)	73.307 in Metric reference: circa 1.862 mm

Complete Product Data

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DIMENSION (CONTINUED)	
Overall height (H)	6.110 in Metric reference: circa 155,2 mm
Assembly weight (G)	2450 lb Metric reference: circa 1.111,301 kg
MOUNTING	
Outer ring bolt circle (Lo)	70.500 in Metric reference: circa 1.791 mm
Inner ring bolt circle (Li)	61.366 in Metric reference: circa 1.558,7 mm
GEAR	
Gear pitch diameter (D2)	74.016 in Metric reference: circa 1.880,01 mm
Gear tooth count (z2)	188
PERFORMANCE	
Maximum gear tooth load (Fz)	31400 lbf Metric reference: circa 139,67 kN
Moment load rating (Crm)	3335700 ft lbf Metric reference: circa 4.522,6 kN m
PERFORMANCE RATINGS	
Moment	3335700.0000000000 ft lbf Metric reference: circa 4.522,6 kN m
Gear Tooth	31400.0000000000 lbf Metric reference: circa 139,67 kN
MOUNTING INTERFACES	
Outer ring mounting	48 holes - 1.313
Inner ring mounting	48 holes - 1.313
GEAR INTERFACE	
Pitch system	MODULE
Module reference	10 mm
Number of teeth	188

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	
Source document code	KAYDON-CAT390
Source file	Kaydon_Catalog_390.pdf
PDF page	92
Printed page	90
Source language	EN-US
Original unit system	Inch

Source and Verification Traceability

PUBLIC RECORD UID TSF3PFTNBVOKGY6FHPLVPU32OT	SOURCE DOCUMENT KAYDON-CAT390
SOURCE FILE Kaydon_Catalog_390.pdf	SOURCE LOCATION PDF page 92 Printed page 90
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/kaydon/16267001/>

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.