

Factory-Verified Replacement

MERYDOM KH-225P

Certified for interchange with Kaydon KH-225P. 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

KH-225P

REFERENCE

Kaydon KH-225P

SERIES

KH Series

STRUCTURE

**Esferas de contato de quatro pontos
pr -carregadas**

OVERALL OD

678.18 mm

OVERALL ID

469.9 mm

OVERALL HEIGHT

63.5 mm

GEAR

Sem engrenagem

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	KH-225P
Certified interchangeable with	Kaydon KH-225P
Verification status	Level 3 - MERYDOM Engineering Verified
Reviewed by	MERYDOM Engineering Department
Public record UID	LIY4X2WMEWJEOPIMQ3ENSIOXP
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	KH Series
Reference model	KH-225P
Bearing structure	Esferas de contato de quatro pontos pr -carregadas
Gear arrangement	Sem engrenagem
DIMENSION	
Overall outside diameter (Do)	26.700 in Metric reference: aproximadamente 678 mm
Overall inside diameter (di)	18.500 in Metric reference: aproximadamente 470 mm
Outer ring inner diameter (Di)	22.750 in Metric reference: aproximadamente 577,9 mm

Complete Product Data

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DIMENSION (CONTINUED)	
Inner ring outer diameter (do)	22.250 in Metric reference: aproximadamente 565,2 mm
Overall height (H)	2.500 in Metric reference: aproximadamente 64 mm
Assembly weight (G)	150 lb Metric reference: aproximadamente 68,039 kg
MOUNTING	
Outer ring bolt circle (Lo)	24.500 in Metric reference: aproximadamente 622 mm
Inner ring bolt circle (Li)	20.500 in Metric reference: aproximadamente 521 mm
PERFORMANCE	
Moment load rating (Crm)	30500 ft lbf Metric reference: aproximadamente 41,35 kN m
PERFORMANCE RATINGS	
Moment	30500.0000000000 ft lbf Metric reference: aproximadamente 41,35 kN m
Dynamic Axial	40000.0000000000 lbf Metric reference: aproximadamente 177,93 kN
Intermittent Axial	115200.0000000000 lbf Metric reference: aproximadamente 512,44 kN
Dynamic Moment	30500.0000000000 ft lbf Metric reference: aproximadamente 41,35 kN m
Intermittent Moment	56000.0000000000 ft lbf Metric reference: aproximadamente 75,93 kN m
MOUNTING INTERFACES	
Outer ring mounting	18 holes - 0.500-13 UNC-2B; 0.750 min full thread
Inner ring mounting	18 holes - 0.500-13 UNC-2B; 0.750 min full thread
GEAR INTERFACE	
Integral gear	Not applicable - ungeared bearing
SOURCE TRACEABILITY	
Source document code	KAYDON-CAT390

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 (CONTINUED)	
Source file	Kaydon_Catalog_390.pdf
PDF page	74
Printed page	72
Source language	EN-US
Original unit system	Inch

Source and Verification Traceability

PUBLIC RECORD UID
LIY4X2WMEWJEOPIMQ3ENSIOXP

SOURCE DOCUMENT
KAYDON-CAT390

SOURCE FILE
Kaydon_Catalog_390.pdf

SOURCE LOCATION
PDF page 74 | Printed page 72

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/pt/produtos/rolamentos-de-giro-de-substituicao/kaydon/kh-225p/>

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.