

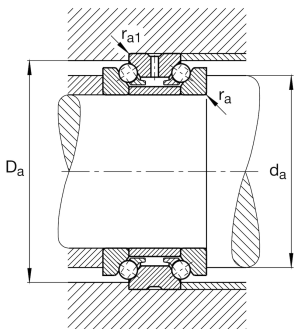
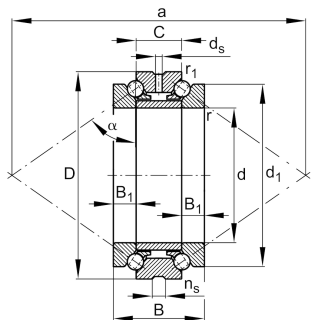
FAG

234422-M-SP

Axial angular contact ball bearing

Axial angular contact ball bearings 2344, double direction, separable, restricted tolerances

Informacje techniczne



Twoja aktualna wersja produktu

Cage	M	Brass Cage
Tolerance class	SP	Tolerance class SP

Main Dimensions & Performance Data

d	110 mm	Bore diameter
D	170 mm	Outside diameter
B	72 mm	Width
C	36 mm	Width, outer ring
C _a	98.000 N	Basic dynamic load rating, axial
C _{0a}	325.000 N	Basic static load rating, axial
C _{ua}	25.500 N	Fatigue load limit, axial
n _{G Grease}	3.400 1/min	Limiting speed for grease lubrication
n _{G Oil}	4.500 1/min	Limiting speed for oil lubrication
≈m	5,441 kg	Masa



Mounting dimensions

d _a	134,5 mm	Diameter shaft shoulder
d _a	h12	Diameter shaft shoulder clearance
D _a	160 mm	Shoulder diameter outer ring
D _a	H12	Shoulder diameter outer ring clearance
r _a max	2 mm	Maximum recess radius
r _{a1} max	0,6 mm	Maximum recess radius
α	60 °	Contact angle
a	282,5 mm	Distance between the apexes of the pressure cones

Dimensions

d ₁	150 mm	Rip diameter shaft washer
B ₁	18 mm	Height wave disc
r _{min}	2 mm	Minimum chamfer dimension
r ₁ min	0,6 mm	Minimum chamfer dimension
d _s	4,8 mm	Diameter lubrication hole
n _s	9,5 mm	Width of lubricating groove

Temperature range

T _{min}	-30 °C	Operating temperature min.
T _{max}	150 °C	Operating temperature max.

Additional information

c _a	854 N/μm	Axial rigidity
K _{aE}	1.983 N	Lift-off force
F _v	695 N	Preload force



Właściwości



Obciążenie promieniowe



Obciążenie osiowe jednokierunkowe



Obciążenie osiowe dwukierunkowe



Smarowanie smarem



Smarowanie olejem



Bez uszczelnienia