

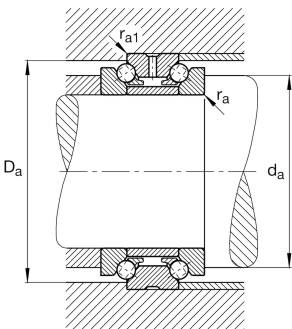
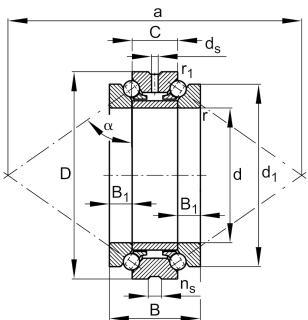
FAG

234436-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	180 mm	Bore diameter
D	280 mm	Outside diameter
B	120 mm	Width
C	60 mm	Width, outer ring
C _a	237.000 N	Basic dynamic load rating, axial
C _{0a}	880.000 N	Basic static load rating, axial
C _{ua}	53.000 N	Fatigue load limit, axial
n _{G Grease}	2.000 1/min	Limiting speed for grease lubrication
n _{G Oil}	3.000 1/min	Limiting speed for oil lubrication
≈m	23,549 kg	Masa



Mounting dimensions

d _a	221 mm	Diameter shaft shoulder
d _a	h12	Diameter shaft shoulder clearance
D _a	263 mm	Shoulder diameter outer ring
D _a	H12	Shoulder diameter outer ring clearance
r _{a max}	2,1 mm	Maximum recess radius
r _{a1 max}	0,6 mm	Maximum recess radius
α	60 °	Contact angle
a	465,5 mm	Distance between the apexes of the pressure cones

Dimensions

d ₁	248 mm	Rip diameter shaft washer
B ₁	30 mm	Height wave disc
r _{min}	2,1 mm	Minimum chamfer dimension
r _{1 min}	0,6 mm	Minimum chamfer dimension
d _s	8 mm	Diameter lubrication hole
n _s	15 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	1.315 N/μm	Axial rigidity
K _{aE}	4.733 N	Lift-off force
F _v	1.660 N	Preload force



Właściwości



Obciążenie promieniowe



Obciążenie osiowe jednokierunkowe



Obciążenie osiowe dwukierunkowe



Smarowanie smarem



Smarowanie olejem



Bez uszczelnienia