

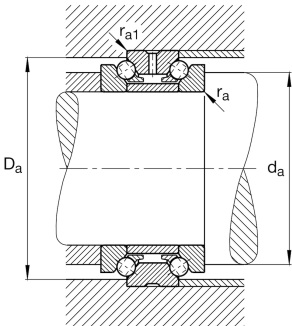
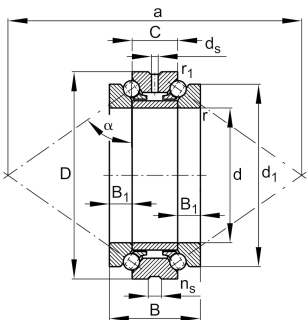
FAG

234416-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	80 mm	Bore diameter
D	125 mm	Outside diameter
B	54 mm	Width
C	27 mm	Width, outer ring
C _a	57.000 N	Basic dynamic load rating, axial
C _{0a}	173.000 N	Basic static load rating, axial
C _{ua}	15.700 N	Fatigue load limit, axial
n _{G Grease}	4.500 1/min	Limiting speed for grease lubrication
n _{G Oil}	6.000 1/min	Limiting speed for oil lubrication
≈m	2,155 kg	Masa



Mounting dimensions

d_a	98,5 mm	Diameter shaft shoulder
d_a	H12	Diameter shaft shoulder clearance
D_a	117 mm	Shoulder diameter outer ring
D_a	H12	Shoulder diameter outer ring clearance
$r_{a \max}$	1,1 mm	Maximum recess radius
$r_{a1 \max}$	0,3 mm	Maximum recess radius
α	60 °	Contact angle
a	207 mm	Distance between the apexes of the pressure cones

Dimensions

d_1	110 mm	Rip diameter shaft washer
B_1	13,5 mm	Height wave disc
$r_{\min}$	1,1 mm	Minimum chamfer dimension
$r_{1 \min}$	0,3 mm	Minimum chamfer dimension
d_s	3,2 mm	Diameter lubrication hole
n_s	6,5 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	640 N/μm	Axial rigidity
K_{aE}	1.140 N	Lift-off force
F_v	400 N	Preload force



Właściwości

-  Obciążenie promieniowe
-  Obciążenie osiowe jednokierunkowe
-  Obciążenie osiowe dwukierunkowe
-  Smarowanie smarem
-  Smarowanie olejem
-  Bez uszczelnienia