



FAG

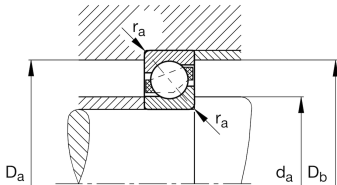
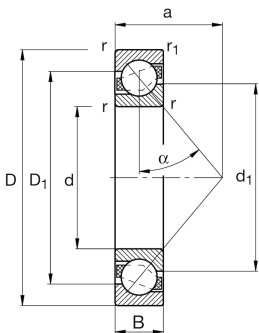
7044-MP-UA

Angular contact ball bearing

Angular contact ball bearing 70...MP, single row, solid brass cage



Informacje techniczne



Twoja aktualna wersja produktu

Sealing	Without	Not sealed
Cage	MP	Solid brass cage, ball guided
Tolerance class	PN	Normal (ISO 492:2023)
Dimensional / heat stabilization	S1	Rings dimensional stabilized up to 200°
Bearing with matched conditions for fitting in pairs	UA	Bearing set with small axial internal clearance
Lubricant	Without	Bearing not greased

Main Dimensions & Performance Data

d	220 mm	Bore diameter
D	340 mm	Outside diameter
B	56 mm	Width
C _r	285.000 N	Basic dynamic load rating, radial
C _{0r}	425.000 N	Basic static load rating, radial
C _{ur}	13.200 N	Fatigue load limit, radial
n _G	2.800 1/min	Limiting speed
n _{gr}	2.030 1/min	Reference speed
m	17,8 kg	Masa



Mounting dimensions

d _{a min}	232,4 mm	Minimum diameter of shaft shoulder
D _{a max}	327,6 mm	Maximum diameter of housing shoulder
D _{b max}	334 mm	Maximum diameter of housing shoulder
r _{a max}	2,5 mm	Maximum fillet radius of shaft
r _{a1 max}	1 mm	Maximum fillet radius of housing

Dimensions

r _{min}	3 mm	Minimum chamfer dimension
r _{1 min}	1,1 mm	Minimum chamfer dimension
D ₁	292 mm	Shoulder diameter on outer ring wide side face
d ₁	268 mm	Shoulder diameter on inner ring wide side face
a	108,8 mm	Distance between the apexes of the pressure cones
α	30 °	Contact angle

Temperature range

T _{min}	-30 °C	Operating temperature min.
T _{max}	200 °C	Operating temperature max.

Additional information

Tol (+)	16 μm	Tolerance for axial clearance or preload per set
A _{min}	100 μm	Axial clearance per set min.



Właściwości



Obciążenie promieniowe



Obciążenie osiowe jednokierunkowe



Smarowanie smarem



Smarowanie olejem



Bez uszczelnienia



łożysko gabarytowe