



FAG

54244-MP

Axial deep groove ball bearing

Axial deep groove ball bearing 542...-MP,
double direction, with spherical housing
washer, solid brass cage



Informacje techniczne

Twoja aktualna wersja produktu

Cage	MP	Solid brass cage, rolling element guided
Tolerance class	PN	Normal (ISO 492:2023)
Dimensional / heat stabilization	S1	Rings dimensional stabilized up to 200°

Main Dimensions & Performance Data

d	190 mm	Inner diameter shaft washer
D	300 mm	Outer diameter housing washer
T ₂	115,2 mm	Height
C _a	335.000 N	Basic dynamic load rating, axial
C _{0a}	1.330.000 N	Basic static load rating, axial
C _{ua}	37.500 N	Fatigue load limit, axial
n _G	1.420 1/min	Limiting speed
n _{gr}	1.680 1/min	Reference speed
≈m	24 kg	Masa

Mounting dimensions

d _{a max}	220 mm	Maximum diameter shaft shoulder
D _{a max}	260 mm	Maximum diameter of housing shoulder
r _{a max}	2 mm	Maximum filled radius
r _{a1 max}	2 mm	Maximum filled radius



Dimensions

D 1	224 mm	Inner diameter housing washer
B	24 mm	Height shaft washer
r min	2 mm	Minimum chamfer dimension
r 1 min	2 mm	Minimum chamfer dimension
R	225 mm	Radius spherical housing washer
A	114 mm	Distance of the center point
T 3	134 mm	Height with seat washer
D 2	260 mm	Bore diameter seat washer
D 3	310 mm	Outside diameter seat washer
C	25 mm	Height seat washer

Temperature range

T min	-30 °C	Operating temperature min.
T max	200 °C	Operating temperature max.

Calculation factors

A	9,6	Minimum load factor
---	-----	---------------------

Additional information

U244	Seat washer
------	-------------

Właściwości

	Obciążenie osiowe jednokierunkowe
	Obciążenie osiowe dwukierunkowe
	Smarowanie smarem
	Smarowanie olejem
	Bez uszczelnienia
	Nieosiowość statyczna