



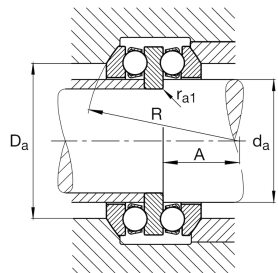
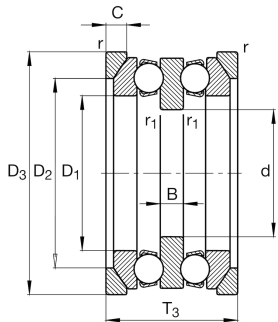
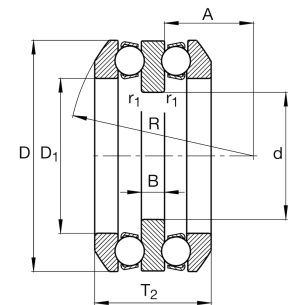
FAG

54238-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

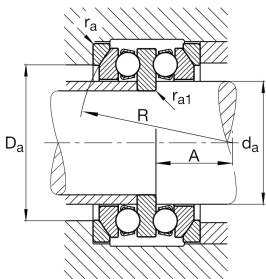
Cage	MP	Solid brass cage, rolling element guided
Tolerance class	PN	Normal (ISO 492:2023)
Dimensional / heat stabilization	S1	Rings dimensional stabilized up to 200°

Main Dimensions & Performance Data

d	160 mm	Inner diameter shaft washer
D	270 mm	Outer diameter housing washer
T ₂	116,4 mm	Height
C _a	335.000 N	Basic dynamic load rating, axial
C _{0a}	1.170.000 N	Basic static load rating, axial
C _{ua}	35.500 N	Fatigue load limit, axial
n _G	1.540 1/min	Limiting speed
n _{gr}	1.990 1/min	Reference speed
≈m	21,295 kg	Masa

Mounting dimensions

d _{a max}	190 mm	Maximum diameter shaft shoulder
D _{a max}	230 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	194,7 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	200 mm	Radius spherical housing washer
A	93,5 mm	Distance of the center point
T 3	131 mm	Height with seat washer
D 2	230 mm	Bore diameter seat washer
D 3	280 mm	Outside diameter seat washer
C	23 mm	Height seat washer

Temperature range

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

Calculation factors

A	7,2	Minimum load factor
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Additional information

U238	Seat washer
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Właściwości

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