



FAG

6222-MA-P5-C3

Deep groove ball bearing

Deep groove ball bearing 62...-MA, single row, solid brass cage

Informacje techniczne



Twoja aktualna wersja produktu

Sealing	Without	Not sealed
Cage	MA	Solid brass cage, outer ring guided
Tolerance class	P5	Class 5 (ISO 492:2023)
Dimensional / heat stabilization	S0	Rings dimensional stabilized up to 150°
Lubricant	Without	Bearing not greased
Radial internal clearance	C3 (Group 3)	Internal clearance larger than CN
Bore type	Z	Cylindrical

Main Dimensions & Performance Data

d	110 mm	Bore diameter
D	200 mm	Outside diameter
B	38 mm	Width
C _r	153.000 N	Basic dynamic load rating, radial
C _{0r}	117.000 N	Basic static load rating, radial
C _{ur}	6.500 N	Fatigue load limit, radial
n _G	5.800 1/min	Limiting speed
n _{gr}	4.500 1/min	Reference speed
≈m	5,422 kg	Masa



Mounting dimensions

d _{a min}	122 mm	Minimum diameter shaft shoulder
D _{a max}	188 mm	Maximum diameter of housing shoulder
r _{a max}	2,1 mm	Maximum fillet radius

Dimensions

r _{min}	2,1 mm	Minimum chamfer dimension
D ₁	172,25 mm	Shoulder diameter outer ring
d ₁	138,42 mm	Shoulder diameter inner ring

Temperature range

T _{min}	-30 °C	Operating temperature min.
T _{max}	150 °C	Operating temperature max.

Calculation factors

f ₀	14,3	Calculation factor
----------------	------	--------------------

Właściwości

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