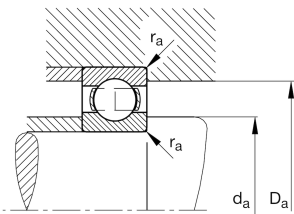
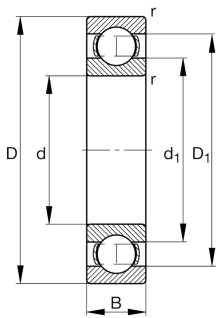
**FAG****6222-M-J20GA-C4**

Deep groove ball bearing

Deep groove ball bearing 62...-M-J20GA,
single row, solid brass cage, ceramic coated

Technical information



Your current product variant

Type of Seal	Without	Not sealed
Cage	M	Solid brass cage, rolling element guided
Tolerance class	PN	Normal (ISO 492:2023)
Dimensional / heat stabilization	S0	Rings dimensional stabilized up to 150°
Lubricant	Without	Bearing not greased
Radial internal clearance	C4 (Group 4)	Internal clearance larger than C3
Bore type	Z	Cylindrical
Coating	J20GA	Current insulation, outer ring ceramic coated

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	5,3 kg	Weight



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
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Characteristics

-  F_r Radial load
-  F_a Axial load in one direction
-  F_a Axial load in two directions
-  Grease Lubrication
-  Oil Lubrication
-  Not sealed
-  Current insulated