



FAG

6016-M-P6-S1-J20AA-R100-120

Deep groove ball bearing

Deep groove ball bearing 60.-M-J20AA,
single row, solid brass cage, ceramic coated

Informacje techniczne



Twoja aktualna wersja produktu

Sealing	Without	Not sealed
Cage	M	Solid brass cage, rolling element guided
Tolerance class	P6	Class 6 (ISO 492:2023)
Dimensional / heat stabilization	S1	Rings dimensional stabilized up to 200°
Lubricant	Without	Bearing not greased
Radial internal clearance	R\$-\$	Special radial internal clearance in µm
Bore type	Z	Cylindrical
Coating	J20AA	Current insulation, outer ring ceramic coated

Main Dimensions & Performance Data

d	80 mm	Bore diameter
D	125 mm	Outside diameter
B	22 mm	Width
C _r	51.000 N	Basic dynamic load rating, radial
C _{0r}	40.000 N	Basic static load rating, radial
C _{ur}	2.410 N	Fatigue load limit, radial
n _G	9.700 1/min	Limiting speed
n _{gr}	6.100 1/min	Reference speed
≈m	0,997 kg	Masa



Mounting dimensions

$d_{a\ min}$	86 mm	Minimum diameter shaft shoulder
$D_{a\ max}$	119 mm	Maximum diameter of housing shoulder
$r_{a\ max}$	1 mm	Maximum fillet radius

Dimensions

$r_{\ min}$	1,1 mm	Minimum chamfer dimension
D_1	111,45 mm	Shoulder diameter outer ring
d_1	94,04 mm	Shoulder diameter inner ring

Temperature range

$T_{\ min}$	-30 °C	Operating temperature min.
$T_{\ max}$	200 °C	Operating temperature max.

Calculation factors

f_0	15,7	Calculation factor
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Właściwości



Obciążenie promieniowe



Obciążenie osiowe jednokierunkowe



Obciążenie osiowe dwukierunkowe



Smarowanie smarem



Smarowanie olejem



Bez uszczelnienia



Izolowane