



FAG

6320-R114-139

Deep groove ball bearing

Deep groove ball bearing 63, single row, steel
sheet metal cage

Informacje techniczne



Twoja aktualna wersja produktu

Sealing	Without	Not sealed
Cage	JN	Steel sheet metal
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	R\$-\$	Special radial internal clearance in μm
Bore type	Z	Cylindrical

Main Dimensions & Performance Data

d	100 mm	Bore diameter
D	215 mm	Outside diameter
B	47 mm	Width
C _r	177.000 N	Basic dynamic load rating, radial
C _{0r}	137.000 N	Basic static load rating, radial
C _{ur}	7.400 N	Fatigue load limit, radial
n _G	4.250 1/min	Limiting speed
n _{gr}	4.600 1/min	Reference speed
≈m	7,394 kg	Masa



Mounting dimensions

$d_{a\ min}$	114 mm	Minimum diameter shaft shoulder
$D_{a\ max}$	201 mm	Maximum diameter of housing shoulder
$r_{a\ max}$	2,5 mm	Maximum fillet radius

Dimensions

$r_{\ min}$	3 mm	Minimum chamfer dimension
$D_{\ 1}$	179,14 mm	Shoulder diameter outer ring
$d_{\ 1}$	138,5 mm	Shoulder diameter inner ring

Temperature range

$T_{\ min}$	-30 °C	Operating temperature min.
$T_{\ max}$	150 °C	Operating temperature max.

Calculation factors

$f_{\ 0}$	13,7	Calculation factor
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Właściwości

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