



FAG

6030-Z

Deep groove ball bearing

Deep groove ball bearing 60...-Z, single row, shield , steel sheet metal cage

Informacje techniczne



Twoja aktualna wersja produktu

Sealing	Z	Non-contact shield on one Side
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	CN (Group N)	Normal internal clearance
Bore type	Z	Cylindrical

Main Dimensions & Performance Data

d	150 mm	Bore diameter
D	225 mm	Outside diameter
B	35 mm	Width
C _r	131.000 N	Basic dynamic load rating, radial
C _{0r}	124.000 N	Basic static load rating, radial
C _{ur}	5.600 N	Fatigue load limit, radial
n _G	3.950 1/min	Limiting speed
n _{gr}	3.850 1/min	Reference speed
≈m	4,26 kg	Masa



Mounting dimensions

$d_{a\min}$	160,2 mm	Minimum diameter shaft shoulder
$D_{a\max}$	214,8 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	201,42 mm	Shoulder diameter outer ring
D_2	205,96 mm	Caliber diameter outer ring
d_1	173,9 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	16	Calculation factor
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Właściwości

-  Obciążenie promieniowe
-  Obciążenie osiowe jednokierunkowe
-  Obciążenie osiowe dwukierunkowe
-  Smarowanie smarem
-  Smarowanie olejem
-  Uszczelnienie jednostronne