



FAG

6032-2Z

Deep groove ball bearing

Deep groove ball bearing 60...-2Z, single row, shields, steel sheet metal cage

Informacje techniczne



Twoja aktualna wersja produktu

Sealing	2Z	Non-contact shield on both sides
Cage	JN	Steel sheet metal
Tolerance class	PN	Normal (ISO 492:2023)
Dimensional / heat stabilization	S0	Rings dimensional stabilized up to 150°
Lubricant	GA13	Ball bearing and insert bearing grease
Radial internal clearance	CN (Group N)	Normal internal clearance
Bore type	Z	Cylindrical

Main Dimensions & Performance Data

d	160 mm	Bore diameter
D	240 mm	Outside diameter
B	38 mm	Width
C _r	142.000 N	Basic dynamic load rating, radial
C _{0r}	136.000 N	Basic static load rating, radial
C _{ur}	6.000 N	Fatigue load limit, radial
n _G	3.150 1/min	Limiting speed
n _{gr}	3.750 1/min	Reference speed
≈m	5,31 kg	Masa



Mounting dimensions

$d_{a\ min}$	170,2 mm	Minimum diameter shaft shoulder
$D_{a\ max}$	229,8 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	214,64 mm	Shoulder diameter outer ring
D_2	219,68 mm	Caliber diameter outer ring
d_1	185,75 mm	Shoulder diameter inner ring

Temperature range

$T_{\min}$	-20 °C	Operating temperature min.
$T_{\max}$	120 °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 dożywotnie, bezobsługowe
	Smarowanie smarem
	Uszczelnienie dwustronne