



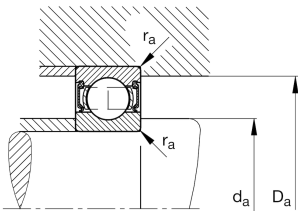
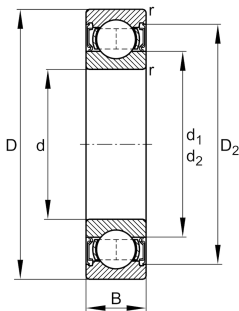
FAG

S6009-2RSR-FD

Deep groove ball bearing

Deep groove ball bearing S60..-2RS-FD, corrosion-resistant materials, for Food industry, single row, seals, steel sheet metal cage

Informacje techniczne



Twoja aktualna wersja produktu

Material Bearing	S	Stainless steel
Sealing	2RSR	Contact seal on both sides
Cage	JN	Steel sheet metal
Tolerance class	PN	Normal (ISO 492:2023)
Dimensional / heat stabilization	SN	Rings dimensional stabilized up to 120°
Lubricant	FD	Grease with food application approval to NSF H1
Radial internal clearance	CN (Group N)	Normal internal clearance
Bore type	Z	Cylindrical

Main Dimensions & Performance Data

d	45 mm	Bore diameter
D	75 mm	Outside diameter
B	16 mm	Width
C _r	21.100 N	Basic dynamic load rating, radial
C _{0r}	14.000 N	Basic static load rating, radial
C _{ur}	870 N	Fatigue load limit, radial
n _G	4.900 1/min	Limiting speed
≈m	0,244 kg	Masa



Mounting dimensions

$d_{a\min}$	49,6 mm	Minimum diameter shaft shoulder
$D_{a\max}$	70,4 mm	Maximum diameter of housing shoulder
$r_{a\max}$	1 mm	Maximum fillet radius

Dimensions

$r_{\min}$	1 mm	Minimum chamfer dimension
D_1	65,7 mm	Shoulder diameter outer ring
D_2	68 mm	Caliber diameter outer ring
d_1	54,45 mm	Shoulder diameter inner ring

Temperature range

$T_{\min}$	-30 °C	Operating temperature min.
$T_{\max}$	100 °C	Operating temperature max.

Calculation factors

f_0	15,3	Calculation factor
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Właściwości

	Obciążenie promieniowe
	Obciążenie osiowe jednokierunkowe
	Obciążenie osiowe dwukierunkowe
	Smarowanie dożywotnie, bezobsługowe
	Smarowanie smarem
	Uszczelnienie dwustronne
	Ochrona przed korozją