



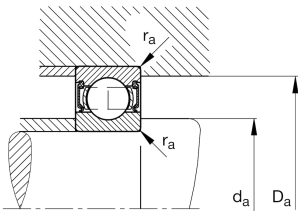
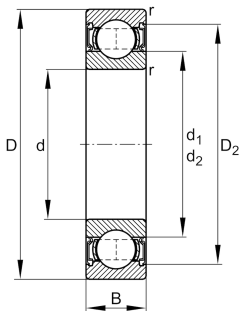
FAG

S6209-2RSR-FD>N

Deep groove ball bearing

Deep groove ball bearing S62...-2RSR-FD, corrosion-resistant materials, for Food industry, single row, seals, steel sheet metal cage

Informacje techniczne



Twoja aktualna wersja produktu

Version code	>N	Not marked on bearing
Material Bearing	S	Stainless steel
Type of Seal	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	85 mm	Outside diameter
B	19 mm	Width
C _r	33.500 N	Basic dynamic load rating, radial
C _{0r}	20.700 N	Basic static load rating, radial
C _{ur}	1.280 N	Fatigue load limit, radial
n _G	4.550 1/min	Limiting speed
≈m	0,383 kg	Masa



Mounting dimensions

$d_{a \min}$	52 mm	Minimum diameter shaft shoulder
$D_{a \max}$	78 mm	Maximum diameter of housing shoulder
$r_{a \max}$	1,1 mm	Maximum fillet radius

Dimensions

$r_{\min}$	1,1 mm	Minimum chamfer dimension
D_1	73,2 mm	Shoulder diameter outer ring
D_2	74,65 mm	Caliber diameter outer ring
d_1	58,8 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	14,4	Calculation factor
-------	------	--------------------

Właściwości

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