

**FAG****S6201-2RSR-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

Technical information

**Your current product variant**

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	12 mm	Bore diameter
D	32 mm	Outside diameter
B	10 mm	Width
C_r	7.200 N	Basic dynamic load rating, radial
C_{0r}	3.050 N	Basic static load rating, radial
C_{ur}	189 N	Fatigue load limit, radial
n_G	14.800 1/min	Limiting speed
$\approx m$	0,036 kg	Weight



Mounting dimensions

$d_{a \min}$	16,2 mm	Minimum diameter shaft shoulder
$D_{a \max}$	27,8 mm	Maximum diameter of housing shoulder
$r_{a \max}$	0,6 mm	Maximum fillet radius

Dimensions

r_{\min}	0,6 mm	Minimum chamfer dimension
D_1	25,9 mm	Shoulder diameter outer ring
D_2	27,6 mm	Caliber diameter outer ring
d_1	18,1 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	12,3	Calculation factor
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Characteristics

-  Radial load
-  Axial load in one direction
-  Axial load in two directions
-  Lifetime lubrication, freedom from maintenance
-  Grease Lubrication
-  Sealed on both sides
-  Protected against rust