

**FAG****6221-2RSR-C3**

Deep groove ball bearing

Deep groove ball bearing 62...-2RSR, single row, seals, steel sheet metal cage

Technical information



Your current product variant

Sealing	2RSR	Contact seal on both sides
Cage	JN	Steel sheet metal
Tolerance class	PN	Normal (PN)
Dimensional / heat stabilization	S0	Rings dimensional stabilized up to 150°
Lubricant	GA13	Ball bearing and insert bearing grease
Radial internal clearance	C3 (Group 3)	Internal clearance larger than CN
Bore type	Z	Cylindrical

Main Dimensions & Performance Data

d	105 mm	Bore diameter
D	190 mm	Outside diameter
B	36 mm	Width
C _r	141.000 N	Basic dynamic load rating, radial
C _{0r}	105.000 N	Basic static load rating, radial
C _{ur}	5.800 N	Fatigue load limit, radial
n _G	2.030 1/min	Limiting speed
m	3,73 kg	Weight

Mounting dimensions

d _{a min}	117 mm	Minimum diameter shaft shoulder
D _{a max}	178 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	163,28 mm	Shoulder diameter outer ring
D_2	168,06 mm	Caliber diameter outer ring
d_1	131,5 mm	Shoulder diameter inner ring

Temperature range

T_{\min}	-20 °C	Operating temperature min.
T_{\max}	100 °C	Operating temperature max.

Calculation factors

f_0	14,4	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