

**FAG****6018-2RSR-C4**

Deep groove ball bearing

Deep groove ball bearing 60..-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	C4 (Group 4)	Internal clearance larger than C3
Bore type	Z	Cylindrical

Main Dimensions & Performance Data

d	90 mm	Bore diameter
D	140 mm	Outside diameter
B	24 mm	Width
C _r	62.000 N	Basic dynamic load rating, radial
C _{0r}	49.500 N	Basic static load rating, radial
C _{ur}	3.000 N	Fatigue load limit, radial
n _G	2.500 1/min	Limiting speed
m	1,21 kg	Weight

Mounting dimensions

d _{a min}	97 mm	Minimum diameter shaft shoulder
D _{a max}	133 mm	Maximum diameter of housing shoulder
r _{a max}	1,5 mm	Maximum fillet radius



Dimensions

r_{\min}	1,5 mm	Minimum chamfer dimension
D_1	124,48 mm	Shoulder diameter outer ring
D_2	126,8 mm	Caliber diameter outer ring
d_1	106,2 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	15,5	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