

**FAG****6212-RSR**

Deep groove ball bearing

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

## Technical information

**Your current product variant**

Sealing	RSR	Contact seal on one side
Cage	JN	Steel sheet metal
Tolerance class	PN	Normal (ISO 492:2023)
Dimensional / heat stabilization	S0	Rings dimensional stabilized up to 150°
Lubricant	Without	Bearing not greased
Radial internal clearance	CN (Group N)	Normal internal clearance
Bore type	Z	Cylindrical

**Main Dimensions & Performance Data**

d	60 mm	Bore diameter
D	110 mm	Outside diameter
B	22 mm	Width
C <sub>r</sub>	57.000 N	Basic dynamic load rating, radial
C <sub>0r</sub>	36.500 N	Basic static load rating, radial
C <sub>ur</sub>	2.550 N	Fatigue load limit, radial
n <sub>G</sub>	3.550 1/min	Limiting speed
m	0,777 kg	Weight

**Mounting dimensions**

d <sub>a min</sub>	69 mm	Minimum diameter shaft shoulder
D <sub>a max</sub>	101 mm	Maximum diameter of housing shoulder
r <sub>a max</sub>	1,5 mm	Maximum fillet radius



## Dimensions

$r_{\min}$	1,5 mm	Minimum chamfer dimension
$D_1$	95,82 mm	Shoulder diameter outer ring
$D_2$	97,68 mm	Caliber diameter outer ring
$d_1$	75,75 mm	Shoulder diameter inner ring

## Temperature range

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

## Calculation factors

$f_0$	14,5	Calculation factor
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## Characteristics



Radial load



Axial load in one direction



Axial load in two directions



Grease Lubrication



Oil Lubrication



Sealed on one side