

**FAG****6216-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 &amp; Performance Data

d	80 mm	Bore diameter
D	140 mm	Outside diameter
B	26 mm	Width
C <sub>r</sub>	77.000 N	Basic dynamic load rating, radial
C <sub>0r</sub>	55.000 N	Basic static load rating, radial
C <sub>ur</sub>	3.650 N	Fatigue load limit, radial
n <sub>G</sub>	2.700 1/min	Limiting speed
m	1,47 kg	Weight

## Mounting dimensions

d <sub>a min</sub>	91 mm	Minimum diameter shaft shoulder
D <sub>a max</sub>	129 mm	Maximum diameter of housing shoulder
r <sub>a max</sub>	2 mm	Maximum fillet radius



## Dimensions

$r_{\min}$	2 mm	Minimum chamfer dimension
$D_1$	121,48 mm	Shoulder diameter outer ring
$D_2$	124,38 mm	Caliber diameter outer ring
$d_1$	98,5 mm	Shoulder diameter inner ring

## Temperature range

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

## Calculation factors

$f_0$	15	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