

**FAG****6014-2RSR-C4**

Deep groove ball bearing

Deep groove ball bearing 60...2RSR, single row, seals, steel sheet metal cage

## Technical information

**Your current product variant**

Type of Seal	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	70 mm	Bore diameter
D	110 mm	Outside diameter
B	20 mm	Width
C <sub>r</sub>	40.500 N	Basic dynamic load rating, radial
C <sub>0r</sub>	31.000 N	Basic static load rating, radial
C <sub>ur</sub>	1.900 N	Fatigue load limit, radial
n <sub>G</sub>	3.250 1/min	Limiting speed
≈m	0,615 kg	Weight

**Mounting dimensions**

d <sub>a min</sub>	76 mm	Minimum diameter shaft shoulder
D <sub>a max</sub>	104 mm	Maximum diameter of housing shoulder
r <sub>a max</sub>	1 mm	Maximum fillet radius



## Dimensions

$r_{\min}$	1,1 mm	Minimum chamfer dimension
$D_1$	97,28 mm	Shoulder diameter outer ring
$D_2$	100,04 mm	Caliber diameter outer ring
$d_1$	82,75 mm	Shoulder diameter inner ring

## Temperature range

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

## Calculation factors

$f_0$	15,6	Calculation factor
-------	------	--------------------

## Characteristics



Radial load



Axial load in one direction



Axial load in two directions



Lifetime lubrication, freedom from maintenance



Grease Lubrication



Sealed on both sides