

**FAG****62200-A-2RSR**

Deep groove ball bearing

Deep groove ball bearing 622...-A-2RSR,  
single row, steel sheet metal cage

## Technical information



## Your current product variant

Changed internal design	A	Design variant A
Sealing	2RSR	Contact seal on both sides
Cage	JN	Steel sheet metal
Tolerance class	PN	Normal (ISO 492:2023)
Dimensional / heat stabilization	SN	Rings dimensional stabilized up to 120°
Lubricant	Lubricating grease	
Radial internal clearance	CN (Group N)	Normal internal clearance
Bore type	Z	Cylindrical

## Main Dimensions &amp; Performance Data

d	10 mm	Bore diameter
D	30 mm	Outside diameter
B	14 mm	Width
C <sub>r</sub>	6.200 N	Basic dynamic load rating, radial
C <sub>0r</sub>	2.600 N	Basic static load rating, radial
C <sub>ur</sub>	200 N	Fatigue load limit, radial
n <sub>G</sub>	16.700 1/min	Limiting speed
≈m	0,044 kg	Weight



### Mounting dimensions

$d_{a \min}$	14,2 mm	Minimum diameter shaft shoulder
$D_{a \max}$	25,8 mm	Maximum diameter of housing shoulder
$r_{a \max}$	0,6 mm	Maximum fillet radius

### Dimensions

$r_{\min}$	0,6 mm	Minimum chamfer dimension
$D_1$	24,05 mm	Shoulder diameter outer ring
$D_2$	25,75 mm	Caliber diameter outer ring
$d_1$	16 mm	Shoulder diameter inner ring







### Temperature range

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

### Calculation factors

$f_0$	12	Calculation factor
-------	----	--------------------

### Characteristics

-   $F_r$  Radial load
-   $F_a$  Axial load in one direction
-   $F_a$  Axial load in two directions
-   $L_h$  Lifetime lubrication, freedom from maintenance
-  Grease Lubrication
-  Sealed on both sides