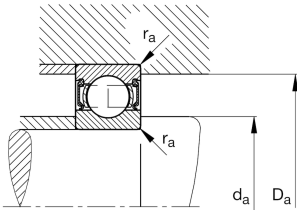
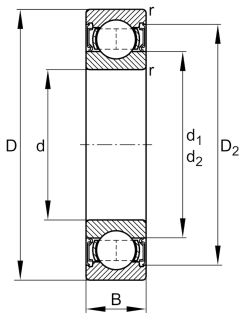


**FAG****62204-A-2RSR-C3**

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 (PN)
Dimensional / heat stabilization	SN	Rings dimensional stabilized up to 120°
Lubricant	Lubricating grease	
Radial internal clearance	C3 (Group 3)	Internal clearance larger than CN
Bore type	Z	Cylindrical

## Main Dimensions &amp; Performance Data

d	20 mm	Bore diameter
D	47 mm	Outside diameter
B	18 mm	Width
C <sub>r</sub>	12,790 N	Basic dynamic load rating, radial
C <sub>0r</sub>	6,580 N	Basic static load rating, radial
C <sub>ur</sub>	490 N	Fatigue load limit, radial
n <sub>G</sub>	9,400 1/min	Limiting speed
≈m	140 g	Weight



Mounting dimensions

$d_{a\min}$	25.6 mm	Minimum diameter shaft shoulder
$D_{a\max}$	41.4 mm	Maximum diameter of housing shoulder
$r_{a\max}$	1 mm	Maximum fillet radius

Dimensions

$r_{\min}$	1 mm	Minimum chamfer dimension
$D_1$	38.6 mm	Shoulder diameter outer ring
$D_2$	41.47 mm	Caliber diameter outer ring
$d_1$	28.5 mm	Shoulder diameter inner ring
$d_2$	25.9 mm	Caliber diameter inner ring

Temperature range

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

Calculation factors

$f_0$	13.1	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