



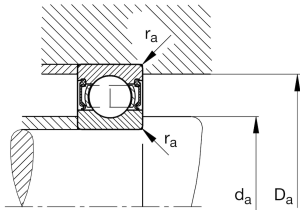
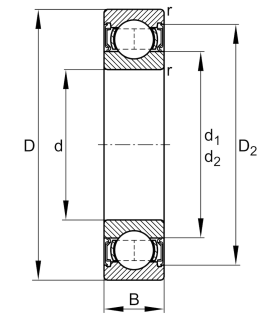
FAG

62203-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 & Performance Data

d	17 mm	Bore diameter
D	40 mm	Outside diameter
B	16 mm	Width
C _r	9,555 N	Basic dynamic load rating, radial
C _{0r}	4,760 N	Basic static load rating, radial
C _{ur}	355 N	Fatigue load limit, radial
n _G	11,100 1/min	Limiting speed
≈m	0.085 kg	Weight



Mounting dimensions

$d_{a\min}$	21.2 mm	Minimum diameter shaft shoulder
$D_{a\max}$	35.8 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	32.95 mm	Shoulder diameter outer ring
D_2	35.45 mm	Caliber diameter outer ring
d_1	24.1 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	13	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