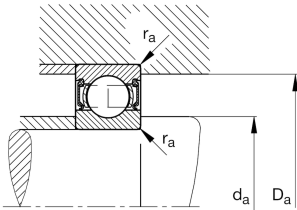
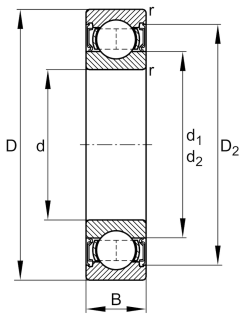


**FAG****62200-A-2RSR-C3**

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	10 mm	Bore diameter
D	30 mm	Outside diameter
B	14 mm	Width
C _r	5,970 N	Basic dynamic load rating, radial
C _{0r}	2,630 N	Basic static load rating, radial
C _{ur}	200 N	Fatigue load limit, radial
n _G	16,700 1/min	Limiting speed
≈m	44 g	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

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