

**FAG****62208-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
Type of Seal	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 & Performance Data

d	40 mm	Bore diameter
D	80 mm	Outside diameter
B	23 mm	Width
C _r	31.000 N	Basic dynamic load rating, radial
C _{0r}	17.800 N	Basic static load rating, radial
C _{ur}	1.230 N	Fatigue load limit, radial
n _G	5.000 1/min	Limiting speed
≈m	0,461 kg	Weight



Mounting dimensions

d a min	47 mm	Minimum diameter shaft shoulder
D a max	73 mm	Maximum diameter of housing shoulder
r a max	1 mm	Maximum fillet radius

Dimensions

r min	1,1 mm	Minimum chamfer dimension
D 1	67,2 mm	Shoulder diameter outer ring
D 2	70,6 mm	Caliber diameter outer ring
d 1	53 mm	Shoulder diameter inner ring
d 2	50,37 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	14	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