



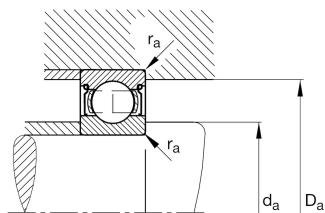
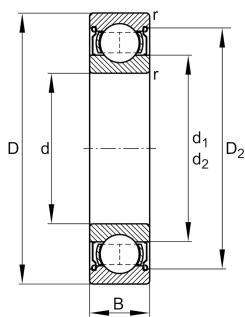
FAG

**S6000-2Z>N**

Deep groove ball bearing

Deep groove ball bearing S60..-2Z, corrosion-resistant materials, single row, shields, steel sheet metal cage

## Technical information

**Your current product variant**

Version code	>N	Not marked on bearing
Material Bearing	S	Stainless steel
Sealing	2Z	Non-contact shield 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	CN (Group N)	Normal internal clearance
Bore type	Z	Cylindrical

**Main Dimensions & Performance Data**

d	10 mm	Bore diameter
D	26 mm	Outside diameter
B	8 mm	Width
C <sub>r</sub>	4,850 N	Basic dynamic load rating, radial
C <sub>0r</sub>	1,970 N	Basic static load rating, radial
C <sub>ur</sub>	122 N	Fatigue load limit, radial
n <sub>G</sub>	34,500 1/min	Limiting speed
n <sub>9r</sub>	27,500 1/min	Reference speed
≈m	19 g	Weight



## Mounting dimensions

d a min	12 mm	Minimum diameter shaft shoulder
D a max	24 mm	Maximum diameter of housing shoulder
r a max	0.3 mm	Maximum fillet radius

## Dimensions

r min	0.3 mm	Minimum chamfer dimension
D 1	21.5 mm	Shoulder diameter outer ring
D 2	22.7 mm	Caliber diameter outer ring
d 1	14.5 mm	Shoulder diameter inner ring
d 2	13.5 mm	Caliber diameter inner ring

## Temperature range

T min	-30 °C	Operating temperature min.
T max	120 °C	Operating temperature max.

## Calculation factors

f 0	12.4	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
	Protected against rust