

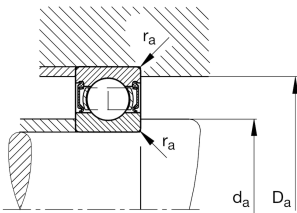
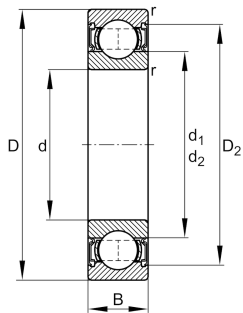
**FAG****S6209-2RSR-HLC**

Deep groove ball bearing

Deep groove ball bearing S62...-2RSR, corrosion-resistant materials, single row, seals, steel sheet metal cage

Schaeffler ID:
0539903070000

Technical information



Your current product variant

Logistical code	HLC	-
Material Bearing	S	Stainless steel
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	CN (Group N)	Normal internal clearance
Bore type	Z	Cylindrical

Main Dimensions & Performance Data

d	45 mm	Bore diameter
D	85 mm	Outside diameter
B	19 mm	Width
C _r	27.800 N	Basic dynamic load rating, radial
C _{0r}	16.400 N	Basic static load rating, radial
C _{ur}	1.490 N	Fatigue load limit, radial
n _G	4.650 1/min	Limiting speed
m	0,4 kg	Weight



Mounting dimensions

$d_{a\ min}$	52 mm	Minimum diameter shaft shoulder
$D_{a\ max}$	78 mm	Maximum diameter of housing shoulder
$r_{a\ max}$	1,1 mm	Maximum fillet radius

Dimensions

$r_{\ min}$	1,1 mm	Minimum chamfer dimension
D_2	76,35 mm	Caliber diameter outer ring
d_2	53,5 mm	Caliber diameter inner ring

Temperature range

$T_{\ min}$	-30 °C	Operating temperature min.
$T_{\ max}$	100 °C	Operating temperature max.

Calculation factors

f_0	14,1	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
	Protected against rust