

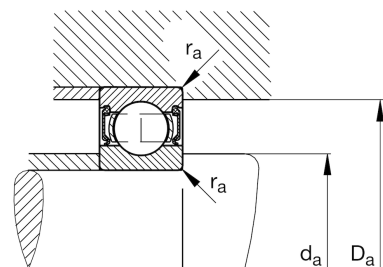
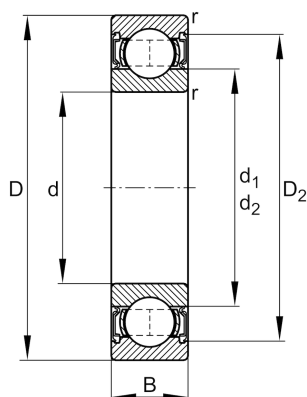
FAG

6209-2RSR

Deep groove ball bearing

Schaeffler ID:
0167205390000Deep groove ball bearing 62...-2RSR,
single row, seals, steel sheet metal cage

Technical information

**Main Dimensions & Performance Data**

d	45 mm	Bore diameter
D	85 mm	Outside diameter
B	19 mm	Width
C_r	33.000 N	Basic dynamic load rating, radial
C_{0r}	20.300 N	Basic static load rating, radial
C_{ur}	1.400 N	Fatigue load limit, radial
n_G	4.650 1/min	Limiting speed
	0,42 kg	Weight

Dimensions

r_{min}	1,1 mm	Minimum chamfer dimension
D_2	74,6 mm	Caliber diameter outer ring
d_1	57,2 mm	Shoulder diameter inner ring

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

Calculation factors

f_0	14,3	Calculation factor
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Temperature range

T_{min}	-20 °C	Operating temperature min.
T_{max}	110 °C	Operating temperature max.