

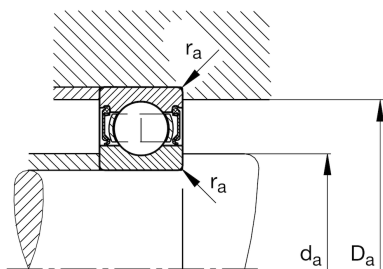
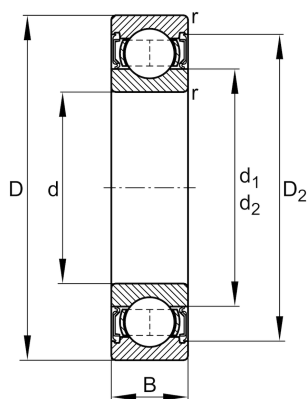
FAG

61808-2RSR

Deep groove ball bearing

Schaeffler ID:
0551900140000Deep groove ball bearing 618..-2RSR,
single row, seals, steel sheet metal cage

Technical information

**Main Dimensions & Performance Data**

d	40 mm	Bore diameter
D	52 mm	Outside diameter
B	7 mm	Width
C_r	4.930 N	Basic dynamic load rating, radial
C_{0r}	4.180 N	Basic static load rating, radial
C_{ur}	196 N	Fatigue load limit, radial
n_G	6.200 1/min	Limiting speed
	35 g	Weight

Dimensions

r_{min}	0,3 mm	Minimum chamfer dimension
D_2	48,9 mm	Caliber diameter outer ring
d_1	43,2 mm	Shoulder diameter inner ring

Mounting dimensions

d_{amin}	42 mm	Minimum diameter shaft shoulder
D_{amax}	50 mm	Maximum diameter of housing shoulder
r_{amax}	0,3 mm	Maximum fillet radius

Calculation factors

f_0	16,2	Calculation factor
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Temperature range

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