



FAG

6210-2RSR

Deep groove ball bearing

Schaeffler ID:
0167206600000Deep groove ball bearing 62...-2RSR,
single row, seals, steel sheet metal cage

Technical information

**Dimensions**

r_{\min}	1.1 mm	Minimum chamfer dimension
D_2	80 mm	Caliber diameter outer ring
d_1	62 mm	Shoulder diameter inner ring
	0.461 kg	Weight

Main Dimensions & Performance Data

d	50 mm	Bore diameter
D	90 mm	Outside diameter
B	20 mm	Width
C_r	39,000 N	Basic dynamic load rating, radial
C_{0r}	24,200 N	Basic static load rating, radial
C_{ur}	1,460 N	Fatigue load limit, radial
n_G	4,300 1/min	Limiting speed

Mounting dimensions

$d_{a \min}$	57 mm	Minimum diameter shaft shoulder
$D_{a \max}$	83 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.