



FAG

6207-2RSR

Deep groove ball bearing

Schaeffler ID:
0167202100000Deep 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	63.3 mm	Caliber diameter outer ring
d_1	47.2 mm	Shoulder diameter inner ring
	0.283 kg	Weight

Main Dimensions & Performance Data

d	35 mm	Bore diameter
D	72 mm	Outside diameter
B	17 mm	Width
C_r	27,500 N	Basic dynamic load rating, radial
C_{0r}	15,300 N	Basic static load rating, radial
C_{ur}	950 N	Fatigue load limit, radial
n_G	5,700 1/min	Limiting speed

Mounting dimensions

$d_{a \min}$	42 mm	Minimum diameter shaft shoulder
$D_{a \max}$	65 mm	Maximum diameter of housing shoulder
$r_{a \max}$	1.1 mm	Maximum fillet radius

Calculation factors

f_0	13.8	Calculation factor
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Temperature range

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