



FAG

62205-A-2RSR

Deep groove ball bearing

Schaeffler ID:
0596569480000Deep groove ball bearing 622..-A-2RSR,
single row, steel sheet metal cage

Technical information

**Dimensions**

r_{\min}	1 mm	Minimum chamfer dimension
D_2	46.3 mm	Caliber diameter outer ring
d_1	31.8 mm	Shoulder diameter inner ring
	0.154 kg	Weight

Main Dimensions & Performance Data

d	25 mm	Bore diameter
D	52 mm	Outside diameter
B	18 mm	Width
C_r	14,020 N	Basic dynamic load rating, radial
C_{0r}	7,880 N	Basic static load rating, radial
C_{ur}	540 N	Fatigue load limit, radial
n_G	7,900 1/min	Limiting speed

Mounting dimensions

$d_{a\min}$	30.6 mm	Minimum diameter shaft shoulder
$D_{a\max}$	46.4 mm	Maximum diameter of housing shoulder
$r_{a\max}$	1 mm	Maximum fillet radius

Calculation factors

f_0	13.9	Calculation factor
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Temperature range

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