



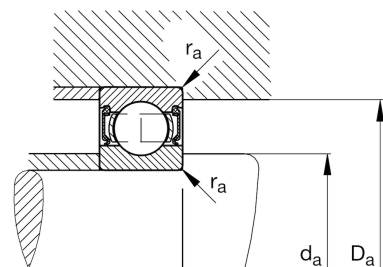
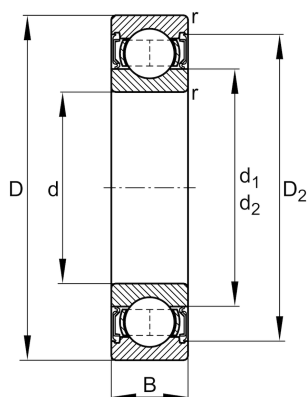
FAG

**62304-A-2RSR**

Deep groove ball bearing

Schaeffler ID:  
0596798750000Deep groove ball bearing 623..-A-2RSR,  
single row, steel sheet metal cage

## Technical information

**Dimensions**

$r_{\min}$	1.1 mm	Minimum chamfer dimension
$D_2$	45.1 mm	Caliber diameter outer ring
$d_1$	30 mm	Shoulder diameter inner ring
	0.2 kg	Weight

**Main Dimensions & Performance Data**

$d$	20 mm	Bore diameter
$D$	52 mm	Outside diameter
$B$	21 mm	Width
$C_r$	15,940 N	Basic dynamic load rating, radial
$C_{0r}$	7,880 N	Basic static load rating, radial
$C_{ur}$	560 N	Fatigue load limit, radial
$n_G$	8,900 1/min	Limiting speed

**Mounting dimensions**

$d_{a\min}$	27 mm	Minimum diameter shaft shoulder
$D_{a\max}$	45 mm	Maximum diameter of housing shoulder
$r_{a\max}$	1.1 mm	Maximum fillet radius

**Calculation factors**

$f_0$	12.4	Calculation factor
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**Temperature range**

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