



FAG

**62203-A-2RSR**

Deep groove ball bearing

Schaeffler ID:  
0596501330000Deep groove ball bearing 622..-A-2RSR,  
single row, steel sheet metal cage

## Technical information

**Dimensions**

$r_{\min}$	0.6 mm	Minimum chamfer dimension
$D_2$	35 mm	Caliber diameter outer ring
$d_1$	24.1 mm	Shoulder diameter inner ring
	0.085 kg	Weight

**Main Dimensions & Performance Data**

$d$	17 mm	Bore diameter
$D$	40 mm	Outside diameter
$B$	16 mm	Width
$C_r$	9,555 N	Basic dynamic load rating, radial
$C_{0r}$	4,760 N	Basic static load rating, radial
$C_{ur}$	355 N	Fatigue load limit, radial
$n_G$	11,100 1/min	Limiting speed

**Mounting dimensions**

$d_{a \min}$	21.2 mm	Minimum diameter shaft shoulder
$D_{a \max}$	35.8 mm	Maximum diameter of housing shoulder
$r_{a \max}$	0.6 mm	Maximum fillet radius

**Calculation factors**

$f_0$	13.1	Calculation factor
-------	------	--------------------

**Temperature range**

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