



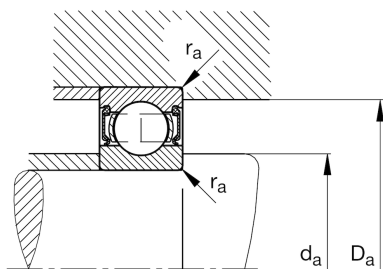
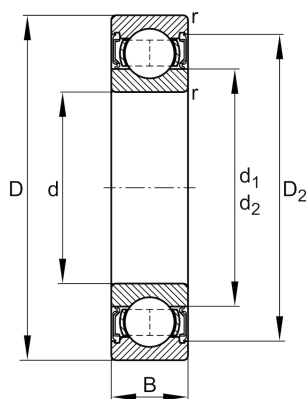
FAG

**6301-2RSR**

Deep groove ball bearing

Schaeffler ID:  
0167226550000Deep groove ball bearing 63...-2RSR,  
single row, seals, steel sheet metal cage

## Technical information

**Main Dimensions & Performance Data**

d	12 mm	Bore diameter
D	37 mm	Outside diameter
B	12 mm	Width
$C_r$	10.300 N	Basic dynamic load rating, radial
$C_{0r}$	4.200 N	Basic static load rating, radial
$C_{ur}$	290 N	Fatigue load limit, radial
$n_G$	13.700 1/min	Limiting speed
	59,8 g	Weight

**Dimensions**

$r_{min}$	1 mm	Minimum chamfer dimension
$D_2$	31,4 mm	Caliber diameter outer ring
$d_1$	19,5 mm	Shoulder diameter inner ring

**Mounting dimensions**

$d_{amin}$	17,6 mm	Minimum diameter shaft shoulder
$D_{amax}$	31,4 mm	Maximum diameter of housing shoulder
$r_{amax}$	1 mm	Maximum fillet radius

**Calculation factors**

$f_0$	11,1	Calculation factor
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**Temperature range**

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