



FAG

## ★ 61909-2RSR

Deep groove ball bearing

Schaeffler ID:  
0788948400000Deep groove ball bearing 619...-2RSR,  
single row, seals, steel sheet metal cage

★ Preferred product

## Technical information



## Temperature range

$T_{\min}$	-20 °C	Operating temperature min.
$T_{\max}$	110 °C	Operating temperature max.
	0,13 kg	Weight

## Main Dimensions &amp; Performance Data

d	45 mm	Bore diameter
D	68 mm	Outside diameter
B	12 mm	Width
$C_r$	15.000 N	Basic dynamic load rating, radial
$C_{0r}$	10.900 N	Basic static load rating, radial
$C_{ur}$	650 N	Fatigue load limit, radial
$n_G$	5.100 1/min	Limiting speed

## Dimensions

$r_{\min}$	0,6 mm	Minimum chamfer dimension
$D_2$	62,1 mm	Caliber diameter outer ring
$d_1$	52,4 mm	Shoulder diameter inner ring

## Mounting dimensions

$d_{a \min}$	48,2 mm	Minimum diameter shaft shoulder
$D_{a \max}$	64,8 mm	Maximum diameter of housing shoulder
$r_{a \max}$	0,6 mm	Maximum fillet radius

## Calculation factors

$f_0$	16	Calculation factor
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