



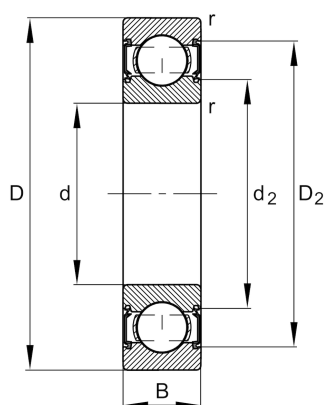
FAG

**629-C-2HRS**

Deep groove ball bearing

Schaeffler ID:  
0623870570000Deep groove ball bearing 62...-C-2HRS,  
single row, Generation C, seals, steel  
sheet metal cage

## Technical information

**Main Dimensions & Performance Data**

d	9 mm	Bore diameter
D	26 mm	Outside diameter
B	8 mm	Width
$r_{\min}$	0,3 mm	Minimum chamfer dimension
$C_r$	5 000 N	Basic dynamic load rating, radial
$C_{0r}$	1 970 N	Basic static load rating, radial
$C_{ur}$	137 N	Fatigue load limit, radial
$n_G$	29 500 1/min	Limiting speed
	0,019 kg	Weight

**Dimensions**

$D_2$	23,1 mm	Caliber diameter outer ring
$d_2$	13,6 mm	Caliber diameter inner ring

**Mounting dimensions**

$d_{a\min}$	11,4 mm	Minimum diameter shaft shoulder
$D_{a\max}$	23,6 mm	Maximum diameter of housing shoulder
$r_{a\max}$	0,3 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.

