

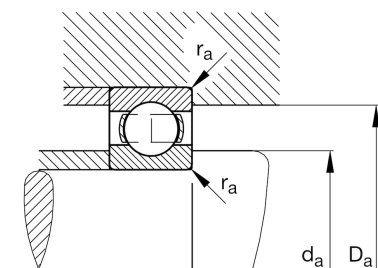
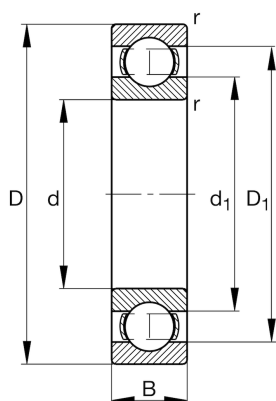
FAG

**6004**

Deep groove ball bearing

Schaeffler ID:  
0167170900000Deep groove ball bearing 60, single row,  
steel sheet metal cage

## Technical information

**Main Dimensions & Performance Data**

d	20 mm	Bore diameter
D	42 mm	Outside diameter
B	12 mm	Width
$C_r$	10.000 N	Basic dynamic load rating, radial
$C_{0r}$	5.000 N	Basic static load rating, radial
$C_{ur}$	290 N	Fatigue load limit, radial
$n_G$	24.800 1/min	Limiting speed
$n_{gr}$	18.200 1/min	Reference speed
	62,4 g	Weight

**Dimensions**

$r_{min}$	0,6 mm	Minimum chamfer dimension
$d_1$	26,6 mm	Shoulder diameter inner ring

**Mounting dimensions**

$d_{amin}$	23,2 mm	Minimum diameter shaft shoulder
$D_{amax}$	38,8 mm	Maximum diameter of housing shoulder
$r_{amax}$	0,6 mm	Maximum fillet radius

**Calculation factors**

$f_0$	13,8	Calculation factor
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**Temperature range**

$T_{min}$	-30 °C	Operating temperature min.
$T_{max}$	120 °C	Operating temperature max.