

FAG

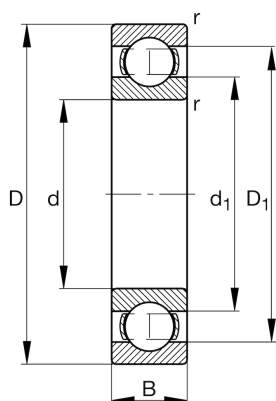
## ★ 6020

## Deep groove ball bearing

Schaeffler ID:  
0167183480000Deep groove ball bearing 60, single row,  
steel sheet metal cage

★ Preferred product

## Technical information



## Temperature range

$T_{\min}$	-30 °C	Operating temperature min.
$T_{\max}$	150 °C	Operating temperature max.
	1,32 kg	Weight

## Main Dimensions &amp; Performance Data

d	100 mm	Bore diameter
D	150 mm	Outside diameter
B	24 mm	Width
$C_r$	64.000 N	Basic dynamic load rating, radial
$C_{0r}$	54.000 N	Basic static load rating, radial
$C_{ur}$	3.050 N	Fatigue load limit, radial
$n_G$	6.100 1/min	Limiting speed
$n_{gr}$	5.100 1/min	Reference speed

## Dimensions

$r_{\min}$	1,5 mm	Minimum chamfer dimension
$D_1$	134,1 mm	Shoulder diameter outer ring
$d_1$	116,6 mm	Shoulder diameter inner ring

## Mounting dimensions

$d_{a\min}$	107 mm	Minimum diameter shaft shoulder
$D_{a\max}$	143 mm	Maximum diameter of housing shoulder
$r_{a\max}$	1,5 mm	Maximum fillet radius

## Calculation factors

$f_0$	15,8	Calculation factor
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