



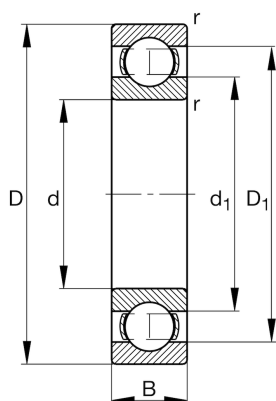
FAG

**6040-M**

Deep groove ball bearing

Schaeffler ID:  
0167187550000Deep groove ball bearing 60..-M, single  
row, solid brass cage

## Technical information

**Main Dimensions & Performance Data**

d	200 mm	Bore diameter
D	310 mm	Outside diameter
B	51 mm	Width
$C_r$	231.000 N	Basic dynamic load rating, radial
$C_{0r}$	243.000 N	Basic static load rating, radial
$C_{ur}$	9.900 N	Fatigue load limit, radial
$n_G$	3.650 1/min	Limiting speed
$n_{gr}$	3.000 1/min	Reference speed
	14,412 kg	{Weight}

**Mounting dimensions**

$d_{a \min}$	210,2 mm	Minimum diameter shaft shoulder
$D_{a \max}$	299,8 mm	Maximum diameter of housing shoulder
$r_{a \max}$	2,1 mm	Maximum fillet radius

**Dimensions**

$r_{\min}$	2,1 mm	Minimum chamfer dimension
$D_1$	276,25 mm	Shoulder diameter outer ring
$d_1$	234,84 mm	Shoulder diameter inner ring

**Temperature range**

$T_{\min}$	-30 °C	Operating temperature min.
$T_{\max}$	200 °C	Operating temperature max.

**Calculation factors**

$f_0$	15,6	Calculation factor
-------	------	--------------------