

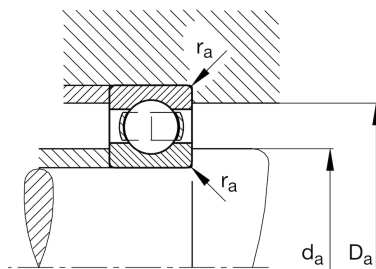
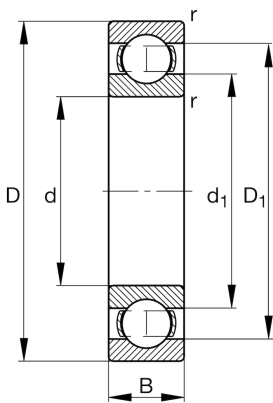
FAG

**6217-M**

Deep groove ball bearing

Schaeffler ID:  
0191054100000Deep groove ball bearing 62..-M, single  
row, solid brass cage

## Technical information

**Temperature range**

$T_{\min}$	-30 °C	Operating temperature min.
$T_{\max}$	150 °C	Operating temperature max.
	2,16 kg	Weight

**Main Dimensions & Performance Data**

d	85 mm	Bore diameter
D	150 mm	Outside diameter
B	28 mm	Width
$C_r$	89.000 N	Basic dynamic load rating, radial
$C_{0r}$	64.000 N	Basic static load rating, radial
$C_{ur}$	4.050 N	Fatigue load limit, radial
$n_G$	8.800 1/min	Limiting speed
$n_{gr}$	5.300 1/min	Reference speed

**Dimensions**

$r_{\min}$	2 mm	Minimum chamfer dimension
$D_1$	129,8 mm	Shoulder diameter outer ring
$d_1$	106,6 mm	Shoulder diameter inner ring

**Mounting dimensions**

$d_{a \min}$	96 mm	Minimum diameter shaft shoulder
$D_{a \max}$	139 mm	Maximum diameter of housing shoulder
$r_{a \max}$	2 mm	Maximum fillet radius

**Calculation factors**

$f_0$	14,8	Calculation factor
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