

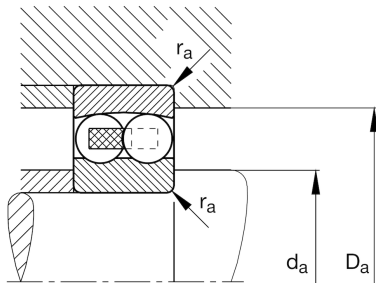
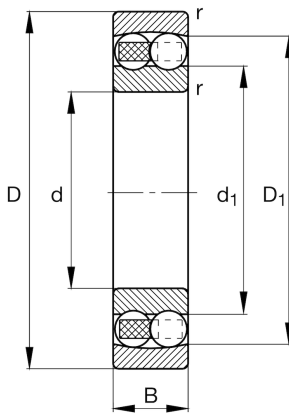
**FAG**★ **2217-M**

Self-aligning ball bearing

Schaeffler ID:  
0190060470000Self-aligning ball bearing 22..-M, solid  
brass cage

★ Preferred product

## Technical information



## Temperature range

$T_{\min}$	-30 °C	Operating temperature min.
$T_{\max}$	150 °C	Operating temperature max.
	2,694 kg	Weight

## Main Dimensions &amp; Performance Data

$d$	85 mm	Bore diameter
$D$	150 mm	Outside diameter
$B$	36 mm	Width
$r_{\min}$	2 mm	Minimum chamfer dimension
$C_r$	59.000 N	Basic dynamic load rating, radial
$C_{0r}$	23.600 N	Basic static load rating, radial
$C_{ur}$	1.380 N	Fatigue load limit, radial
$n_G$	7.200 1/min	Limiting speed
$n_{gr}$	5.200 1/min	Reference speed

## Dimensions

$D_1$	130 mm	Shoulder diameter outer ring
$d_1$	105,2 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

$e$	0,26	Limiting value of $F_a/F_r$ for the applicability of diff. Values of factors X and Y
$Y_1$	2,46	Dynamic axial load factor
$Y_2$	3,8	Dynamic axial load factor
$Y_0$	2,57	Static axial load factor