



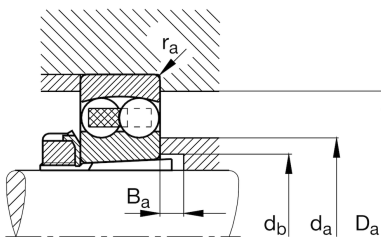
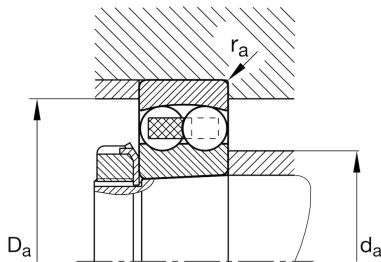
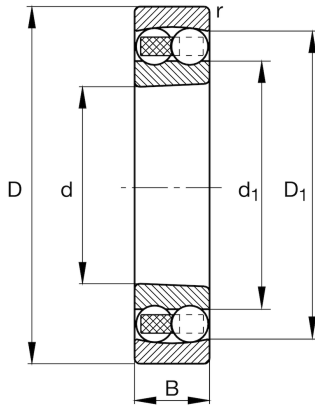
FAG

**2206-K-TVH-C3**

Self-aligning ball bearing

Schaeffler ID:  
0389041360030Self-aligning ball bearing 22..-K-TVH,  
tapered bore taper 1:12, plastic cage

## Technical information

**Main Dimensions & Performance Data**

d	30 mm	Bore diameter
D	62 mm	Outside diameter
B	20 mm	Width
$r_{min}$	1 mm	Minimum chamfer dimension
$C_r$	26.000 N	Basic dynamic load rating, radial
$C_{0r}$	6.900 N	Basic static load rating, radial
$C_{ur}$	440 N	Fatigue load limit, radial
$n_G$	11.500 1/min	Limiting speed
$n_{\theta r}$	11.400 1/min	Reference speed
	254 g	Weight

**Dimensions**

$D_1$	53,7 mm	Shoulder diameter outer ring
$d_1$	38,5 mm	Shoulder diameter inner ring

**Mounting dimensions**

$d_{a min}$	35,6 mm	Minimum diameter shaft shoulder
$d_{a max}$	38 mm	Maximum diameter shaft shoulder
$D_{a max}$	56,4 mm	Maximum diameter of housing shoulder
$d_{b min}$	33 mm	Minimum cavity diameter of the sleeve
$B_{a min}$	5 mm	Minimum cavity width of the sleeve
$r_{a max}$	1 mm	Maximum fillet radius

**Calculation factors**

e	0,31	Limiting value of $F_a/F_r$ for the applicability of diff. Values of factors X and Y
$Y_1$	2,01	Dynamic axial load factor
$Y_2$	3,11	Dynamic axial load factor
$Y_0$	2,11	Static axial load factor

**Additional information**

H306	Adapter sleeve
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**Temperature range**

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