



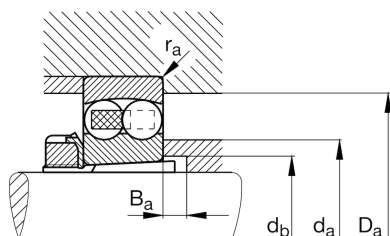
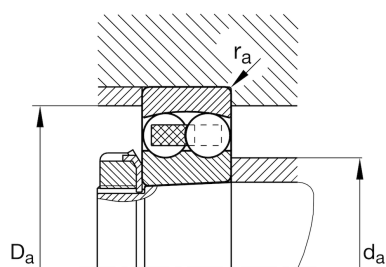
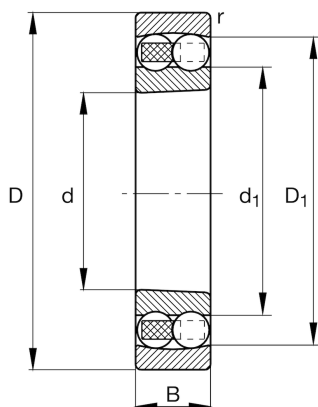
FAG

**2215-K-TVH-C3**

Self-aligning ball bearing

Schaeffler ID:  
0384380200030Self-aligning ball bearing 22..-K-TVH,  
tapered bore taper 1:12, plastic cage

## Technical information

**Dimensions**

$D_1$	114,3 mm	Shoulder diameter outer ring
$d_1$	93,3 mm	Shoulder diameter inner ring
	1,58 kg	Weight

**Main Dimensions & Performance Data**

$d$	75 mm	Bore diameter
$D$	130 mm	Outside diameter
$B$	31 mm	Width
$r_{\min}$	1,5 mm	Minimum chamfer dimension
$C_r$	44.500 N	Basic dynamic load rating, radial
$C_{0r}$	17.800 N	Basic static load rating, radial
$C_{ur}$	1.110 N	Fatigue load limit, radial
$n_G$	5.600 1/min	Limiting speed
$n_{gr}$	5.600 1/min	Reference speed

**Mounting dimensions**

$d_{a \min}$	84 mm	Minimum diameter shaft shoulder
$d_{a \max}$	90 mm	Maximum diameter shaft shoulder
$D_{a \max}$	121 mm	Maximum diameter of housing shoulder
$d_{b \min}$	80 mm	Minimum cavity diameter of the sleeve
$B_{a \min}$	12 mm	Minimum cavity width of the sleeve
$r_{a \max}$	1,5 mm	Maximum fillet radius

**Calculation factors**

$e$	0,25	Limiting value of $F_a/F_r$ for the applicability of diff. Values of factors X and Y
$Y_1$	2,48	Dynamic axial load factor
$Y_2$	3,84	Dynamic axial load factor
$Y_0$	2,6	Static axial load factor

**Additional information**

H315

Adapter sleeve

**Temperature range**

T <sub>min</sub>	-30 °C	Operating temperature min.
T <sub>max</sub>	120 °C	Operating temperature max.