



FAG

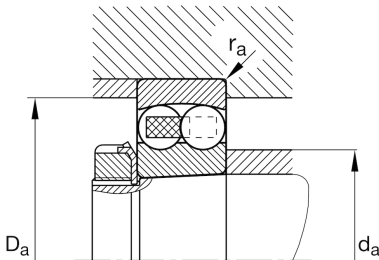
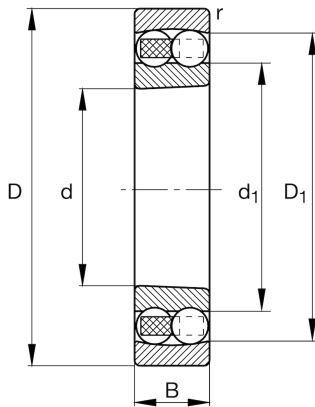
## ★ 1206-K-TVH-C3

Self-aligning ball bearing

Schaeffler ID:  
0385273160030Self-aligning ball bearing 12..-K-TVH,  
tapered bore taper 1:12, plastic cage

★ Preferred product

## Technical information



## Temperature range

$T_{\min}$	-30 °C	Operating temperature min.
$T_{\max}$	120 °C	Operating temperature max.
	0,217 kg	Weight

## Main Dimensions &amp; Performance Data

d	30 mm	Bore diameter
D	62 mm	Outside diameter
B	16 mm	Width
$r_{\min}$	1 mm	Minimum chamfer dimension
$C_r$	15.900 N	Basic dynamic load rating, radial
$C_{0r}$	4.650 N	Basic static load rating, radial
$C_{ur}$	295 N	Fatigue load limit, radial
$n_G$	13.100 1/min	Limiting speed
$n_{gr}$	11.400 1/min	Reference speed

## Dimensions

$D_1$	51,6 mm	Shoulder diameter outer ring
$d_1$	40,1 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	0,25	Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y
	H206	Adapter sleeve
Y <sub>1</sub>	2,54	Dynamic axial load factor
Y <sub>2</sub>	3,93	Dynamic axial load factor
Y <sub>0</sub>	2,66	Static axial load factor