



FAG

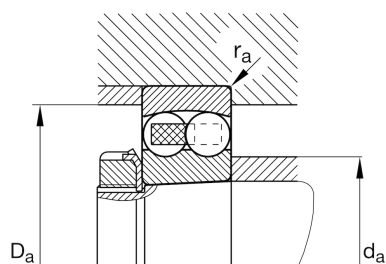
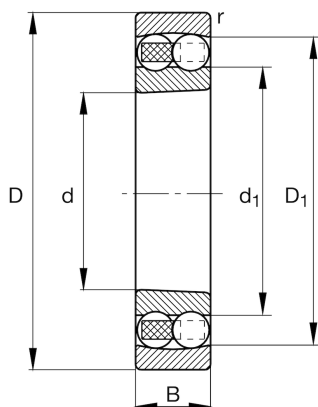
**2212-K-TVH-C3**

Self-aligning ball bearing

Schaeffler ID:  
0384726000030

Self-aligning ball bearing 22..-K-TVH

## Technical information

**Main Dimensions & Performance Data**

d	60 mm	Bore diameter
D	110 mm	Outside diameter
B	28 mm	Width
$r_{\min}$	1,5 mm	Minimum chamfer dimension
$C_r$	48.000 N	Basic dynamic load rating, radial
$C_{0r}$	16.500 N	Basic static load rating, radial
$C_{ur}$	1.040 N	Fatigue load limit, radial
$n_G$	6.300 1/min	Limiting speed
$n_{gr}$	6.400 1/min	Reference speed
	1,046 kg	Weight

**Dimensions**

$D_1$	98,2 mm	Shoulder diameter outer ring
$d_1$	76,6 mm	Shoulder diameter inner ring

**Mounting dimensions**

$d_{a\min}$	69 mm	Minimum diameter shaft shoulder
$d_{a\max}$	73 mm	Maximum diameter shaft shoulder
$D_{a\max}$	101 mm	Maximum diameter of housing shoulder
$d_{b\min}$	65 mm	Minimum cavity diameter of the sleeve
$B_{a\min}$	8 mm	Minimum cavity width of the sleeve
$r_{a\max}$	1,5 mm	Maximum fillet radius

**Calculation factors**

e	0,23	Limiting value of $F_a/F_r$ for the applicability of diff. Values of factors X and Y
$Y_1$	2,68	Dynamic axial load factor
$Y_2$	4,15	Dynamic axial load factor
$Y_0$	2,81	Static axial load factor

**Temperature range**

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

**Additional information**

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H312	Adapter sleeve
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