



FAG

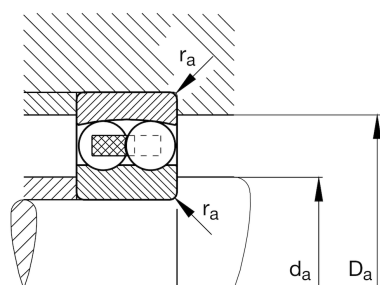
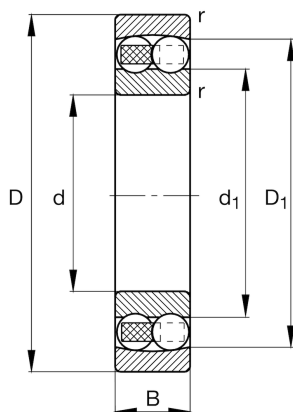
**2200-TVH**

Self-aligning ball bearing

Schaeffler ID:  
0167026030000

Self-aligning ball bearing 22..-TVH, plastic cage

## Technical information

**Dimensions**

$D_1$	24 mm	Shoulder diameter outer ring
$d_1$	15,1 mm	Shoulder diameter inner ring
	47 g	Weight

**Main Dimensions & Performance Data**

$d$	10 mm	Bore diameter
$D$	30 mm	Outside diameter
$B$	14 mm	Width
$r_{\min}$	0,6 mm	Minimum chamfer dimension
$C_r$	8.800 N	Basic dynamic load rating, radial
$C_{0r}$	1.740 N	Basic static load rating, radial
$C_{ur}$	111 N	Fatigue load limit, radial
$n_G$	25.500 1/min	Limiting speed
$n_{\vartheta r}$	26.000 1/min	Reference speed

**Mounting dimensions**

$d_{a \min}$	14,2 mm	Minimum diameter shaft shoulder
$D_{a \max}$	25,8 mm	Maximum diameter of housing shoulder
$r_{a \max}$	0,6 mm	Maximum fillet radius

**Calculation factors**

$e$	0,58	Limiting value of $F_a/F_r$ for the applicability of diff. Values of factors X and Y
$Y_1$	1,09	Dynamic axial load factor
$Y_2$	1,68	Dynamic axial load factor
$Y_0$	1,14	Static axial load factor

**Temperature range**

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