

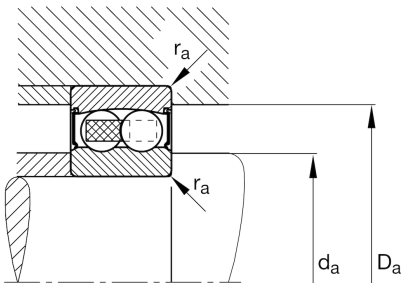
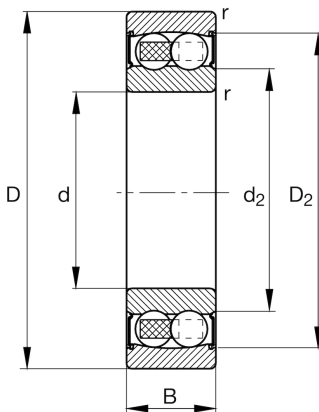
**FAG**★ **2206-2RS-TVH**

Self-aligning ball bearing

Schaeffler ID:  
0167027600000Self-aligning ball bearing 22...-2RS-TVH,  
seals, plastic cage

★ Preferred product

## Technical information



## Temperature range

$T_{\min}$	-20 °C	Operating temperature min.
$T_{\max}$	100 °C	Operating temperature max.
	0,003 kg	Weight

## Main Dimensions &amp; Performance Data

$d$	30 mm	Bore diameter
$D$	62 mm	Outside diameter
$B$	20 mm	Width
$r_{\min}$	1 mm	Minimum chamfer dimension
$C_r$	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
$n_G$	6.800 1/min	Limiting speed

## Dimensions

$D_2$	53,3 mm	Caliber diameter outer ring
$d_2$	37,3 mm	Caliber diameter inner ring

## Mounting dimensions

$d_{a \min}$	35,6 mm	Minimum diameter shaft shoulder
$D_{a \max}$	56,4 mm	Maximum diameter of housing shoulder
$r_{a \max}$	1 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 $Y$
$Y_1$	2,54	Dynamic axial load factor
$Y_2$	3,93	Dynamic axial load factor
$Y_0$	2,66	Static axial load factor