

FAG

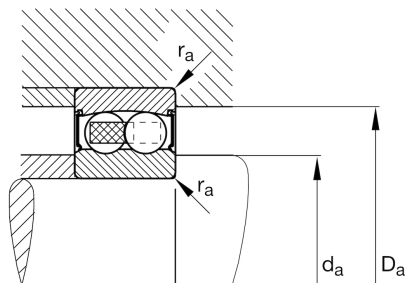
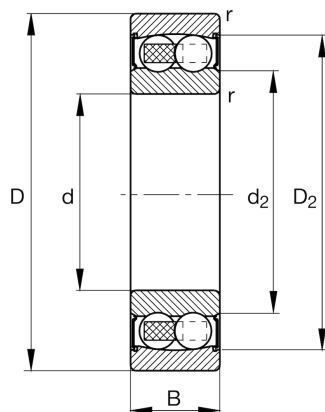
## ★ 2202-2RS-TVH

Self-aligning ball bearing

Schaeffler ID:  
0167026380000Self-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.
	60 g	Weight

## Main Dimensions &amp; Performance Data

d	15 mm	Bore diameter
D	35 mm	Outside diameter
B	14 mm	Width
$r_{\min}$	0,6 mm	Minimum chamfer dimension
$C_r$	7.700 N	Basic dynamic load rating, radial
$C_{0r}$	1.750 N	Basic static load rating, radial
$C_{ur}$	111 N	Fatigue load limit, radial
$n_G$	13.300 1/min	Limiting speed

## Dimensions

$D_2$	30,2 mm	Caliber diameter outer ring
$d_2$	19 mm	Caliber diameter inner ring

## Mounting dimensions

$d_{a \min}$	19,2 mm	Minimum diameter shaft shoulder
$D_{a \max}$	30,8 mm	Maximum diameter of housing shoulder
$r_{a \max}$	0,6 mm	Maximum fillet radius

## Calculation factors

e	0,34	Limiting value of $F_a/F_r$ for the applicability of diff. Values of factors X and Y
$Y_1$	1,86	Dynamic axial load factor
$Y_2$	2,88	Dynamic axial load factor
$Y_0$	1,95	Static axial load factor