

FAG

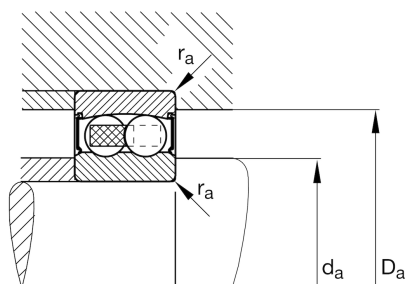
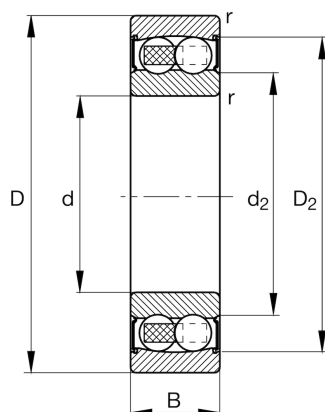
## ★ 2211-2RS-TVH

Self-aligning ball bearing

Schaeffler ID:  
0167029800000Self-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.
	0,81 kg	Weight

## Main Dimensions &amp; Performance Data

d	55 mm	Bore diameter
D	100 mm	Outside diameter
B	25 mm	Width
$r_{\min}$	1,5 mm	Minimum chamfer dimension
$C_r$	27.000 N	Basic dynamic load rating, radial
$C_{0r}$	10.000 N	Basic static load rating, radial
$C_{ur}$	630 N	Fatigue load limit, radial
$n_G$	3.850 1/min	Limiting speed

## Dimensions

$D_2$	88,2 mm	Caliber diameter outer ring
$d_2$	68 mm	Caliber diameter inner ring

## Mounting dimensions

$d_{a \min}$	64 mm	Minimum diameter shaft shoulder
$D_{a \max}$	91 mm	Maximum diameter of housing shoulder
$r_{a \max}$	1,5 mm	Maximum fillet radius

## Calculation factors

e	0,19	Limiting value of $F_a/F_r$ for the applicability of diff. Values of factors X and Y
$Y_1$	3,32	Dynamic axial load factor
$Y_2$	5,15	Dynamic axial load factor
$Y_0$	3,48	Static axial load factor