
**FAG**

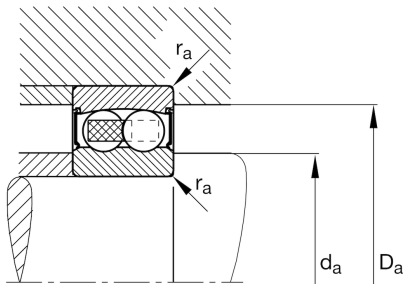
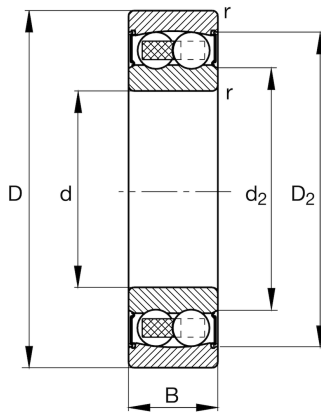
## 2211-2RS-TVH

Self-aligning ball bearing

 Schaeffler ID:  
0167029800000

 Self-aligning ball bearing 22..-2RS-TVH,  
seals, plastic cage

### Technical information



### Main Dimensions & 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
	0.81 kg	Weight

### 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

### Temperature range

$T_{\min}$	-20 °C	Operating temperature min.
$T_{\max}$	100 °C	Operating temperature max.