

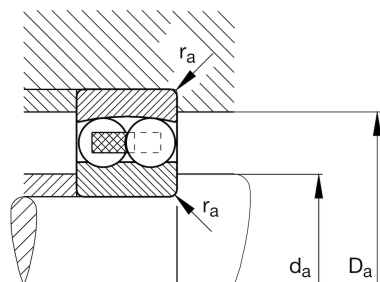
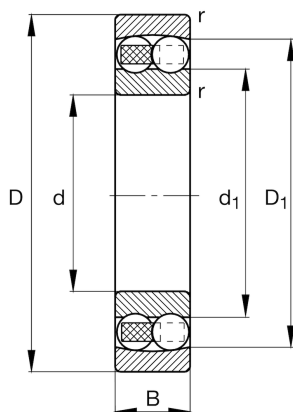
FAG

**2215-TVH**

Self-aligning ball bearing

Schaeffler ID:  
0167031540000Self-aligning ball bearing 22..-TVH, plastic  
cage

## Technical information

**Main Dimensions & Performance Data**

d	75 mm	Bore diameter
D	130 mm	Outside diameter
B	31 mm	Width
$r_{\min}$	1,5 mm	Minimum chamfer dimension
$C_r$	44.500 N	Basic dynamic load rating, radial
$C_{0r}$	17.800 N	Basic static load rating, radial
$C_{ur}$	1.110 N	Fatigue load limit, radial
$n_G$	5.600 1/min	Limiting speed
$n_{gr}$	5.600 1/min	Reference speed
	1,6 kg	Weight

**Dimensions**

$D_1$	114,3 mm	Shoulder diameter outer ring
$d_1$	93,3 mm	Shoulder diameter inner ring

**Mounting dimensions**

$d_{a\min}$	84 mm	Minimum diameter shaft shoulder
$D_{a\max}$	121 mm	Maximum diameter of housing shoulder
$r_{a\max}$	1,5 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
$Y_1$	2,48	Dynamic axial load factor
$Y_2$	3,84	Dynamic axial load factor
$Y_0$	2,6	Static axial load factor

**Temperature range**

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