

FAG

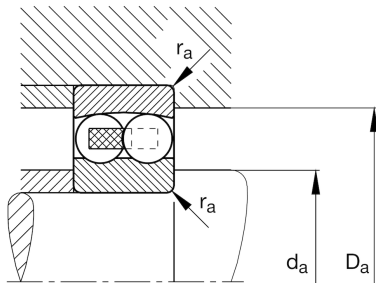
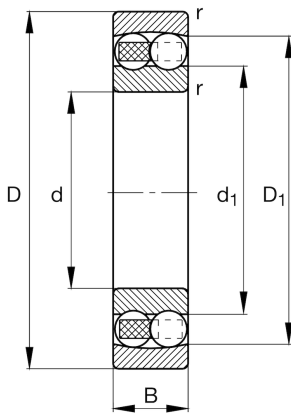
## ★ 2216-TVH

Self-aligning ball bearing

Schaeffler ID:  
0167031700000Self-aligning ball bearing 22...-TVH, plastic  
cage

★ Preferred product

## Technical information



## Temperature range

$T_{\min}$	-30 °C	Operating temperature min.
$T_{\max}$	120 °C	Operating temperature max.
	2,01 kg	Weight

## Main Dimensions &amp; Performance Data

d	80 mm	Bore diameter
D	140 mm	Outside diameter
B	33 mm	Width
$r_{\min}$	2 mm	Minimum chamfer dimension
$C_r$	49.500 N	Basic dynamic load rating, radial
$C_{0r}$	19.900 N	Basic static load rating, radial
$C_{ur}$	1.210 N	Fatigue load limit, radial
$n_G$	5.300 1/min	Limiting speed
$n_{gr}$	5.400 1/min	Reference speed

## Dimensions

$D_1$	121 mm	Shoulder diameter outer ring
$d_1$	99,2 mm	Shoulder diameter inner ring

## Mounting dimensions

$d_{a \min}$	91 mm	Minimum diameter shaft shoulder
$D_{a \max}$	129 mm	Maximum diameter of housing shoulder
$r_{a \max}$	2 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