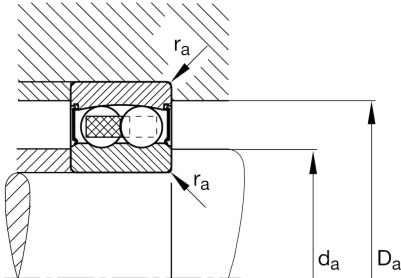
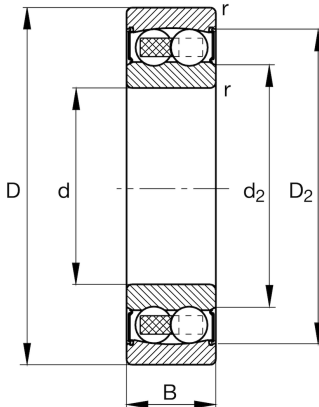
**FAG****2202-2RS-TVH**

Self-aligning ball bearing

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

## Technical information

**Main Dimensions & Performance Data**

d	15 mm	Bore diameter
D	35 mm	Outside diameter
B	14 mm	Width
$C_r$	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
$n_G$	13.700 1/min	Limiting speed
$\approx m$	60 g	Weight

**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

**Dimensions**

$r_{\min}$	0,6 mm	Minimum chamfer dimension
$D_1$	28,793 mm	Shoulder diameter outer ring
$D_2$	30,22 mm	Caliber diameter outer ring
$d_1$	20,15 mm	Shoulder diameter inner ring
$d_2$	19 mm	Caliber diameter inner ring

**Temperature range**

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

**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