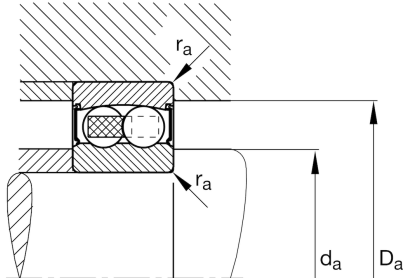
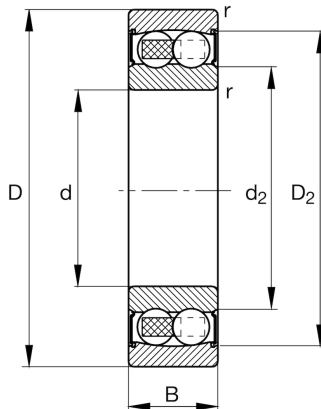
**FAG****2302-2RS-TVH**

Self-aligning ball bearing

Self-aligning ball bearing 23..-2RS-TVH,  
seals, plastic cage

## Technical information

**Main Dimensions & Performance Data**

d	15 mm	Bore diameter
D	42 mm	Outside diameter
B	17 mm	Width
$C_r$	9.800 N	Basic dynamic load rating, radial
$C_{0r}$	2.280 N	Basic static load rating, radial
$C_{ur}$	145 N	Fatigue load limit, radial
$n_G$	12.000 1/min	Limiting speed
$\approx m$	114 g	Weight

**Mounting dimensions**

$d_{a \min}$	20,6 mm	Minimum diameter shaft shoulder
$D_{a \max}$	36,4 mm	Maximum diameter of housing shoulder
$r_{a \max}$	1 mm	Maximum fillet radius

**Dimensions**

$r_{\min}$	1 mm	Minimum chamfer dimension
$D_1$	32,8 mm	Shoulder diameter outer ring
$D_2$	34,87 mm	Caliber diameter outer ring
$d_1$	23,9 mm	Shoulder diameter inner ring
$d_2$	21,65 mm	Caliber diameter inner ring

**Temperature range**

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

**Calculation factors**

e	0,35	Limiting value of $F_a/F_r$ for the applicability of diff. Values of factors X and Y
$Y_1$	1,79	Dynamic axial load factor
$Y_2$	2,77	Dynamic axial load factor
$Y_0$	1,88	Static axial load factor