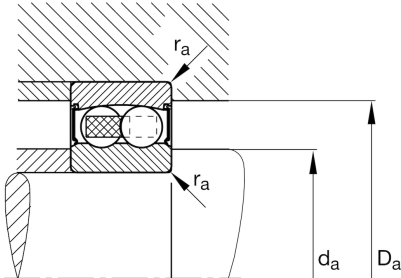
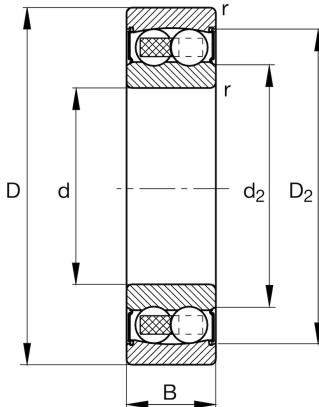
**FAG****2308-2RS-TVH**

Self-aligning ball bearing

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

## Technical information

**Main Dimensions & Performance Data**

d	40 mm	Bore diameter
D	90 mm	Outside diameter
B	33 mm	Width
$C_r$	30.000 N	Basic dynamic load rating, radial
$C_{0r}$	9.700 N	Basic static load rating, radial
$C_{ur}$	610 N	Fatigue load limit, radial
$n_G$	5.100 1/min	Limiting speed
$\approx m$	0,96 kg	Weight

**Mounting dimensions**

$d_{a \min}$	49 mm	Minimum diameter shaft shoulder
$D_{a \max}$	81 mm	Maximum diameter of housing shoulder
$r_{a \max}$	1,5 mm	Maximum fillet radius

**Dimensions**

$r_{\min}$	1,5 mm	Minimum chamfer dimension
$D_1$	74,714 mm	Shoulder diameter outer ring
$D_2$	77,29 mm	Caliber diameter outer ring
$d_1$	57,7 mm	Shoulder diameter inner ring
$d_2$	50,95 mm	Caliber diameter inner ring

**Temperature range**

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

**Calculation factors**

e	0,25	Limiting value of $F_a/F_r$ for the applicability of diff. Values of factors X and Y
$Y_1$	2,51	Dynamic axial load factor
$Y_2$	3,88	Dynamic axial load factor
$Y_0$	2,63	Static axial load factor