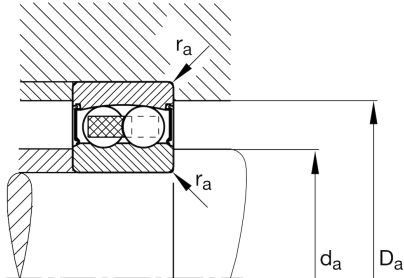
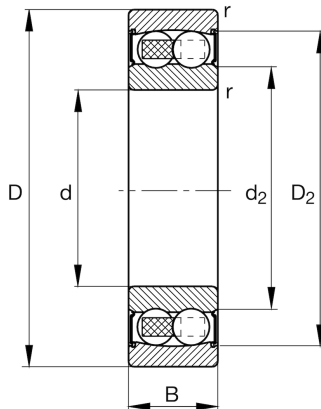
**FAG****2308-2RS-TVH**

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