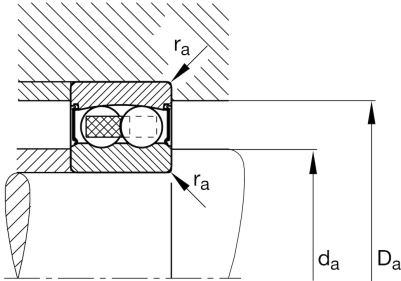
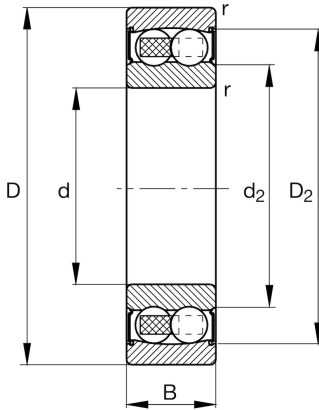
**FAG****2304-2RS-TVH**

Self-aligning ball bearing

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

Technical information

**Main Dimensions & Performance Data**

d	20 mm	Bore diameter
D	52 mm	Outside diameter
B	21 mm	Width
C_r	12.700 N	Basic dynamic load rating, radial
C_{0r}	3.350 N	Basic static load rating, radial
C_{ur}	212 N	Fatigue load limit, radial
n_G	9.400 1/min	Limiting speed
$\approx m$	0,212 kg	Weight

Mounting dimensions

$d_{a \min}$	27 mm	Minimum diameter shaft shoulder
$D_{a \max}$	45 mm	Maximum diameter of housing shoulder
$r_{a \max}$	1 mm	Maximum fillet radius

Dimensions

r_{\min}	1,1 mm	Minimum chamfer dimension
D_1	41,59 mm	Shoulder diameter outer ring
D_2	44,37 mm	Caliber diameter outer ring
d_1	31,5 mm	Shoulder diameter inner ring
d_2	27,2 mm	Caliber diameter inner ring

Temperature range

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

Calculation factors

e	0,29	Limiting value of F_a/F_r for the applicability of diff. Values of factors X and Y
Y_1	2,16	Dynamic axial load factor
Y_2	3,34	Dynamic axial load factor
Y_0	2,26	Static axial load factor