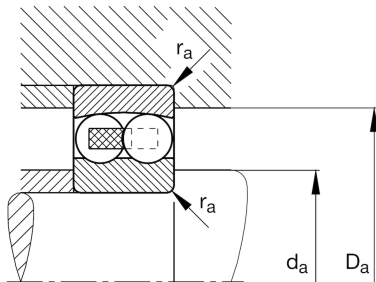
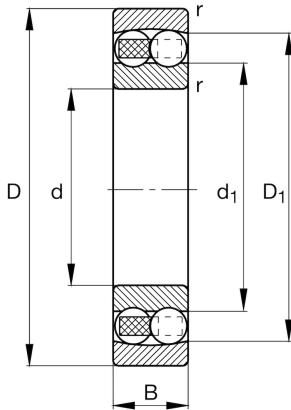


**FAG****2306-TVH-C3**

Self-aligning ball bearing

Schaeffler ID:
0167071330030Self-aligning ball bearing 23...-TVH, plastic
cage

Technical information

**Main Dimensions & Performance Data**

d	30 mm	Bore diameter
D	72 mm	Outside diameter
B	27 mm	Width
C_r	32.500 N	Basic dynamic load rating, radial
C_{0r}	8.800 N	Basic static load rating, radial
C_{ur}	560 N	Fatigue load limit, radial
n_G	10.200 1/min	Limiting speed
n_{gr}	10.400 1/min	Reference speed
	0,495 kg	Weight

Mounting dimensions

$d_{a \min}$	37 mm	Minimum diameter shaft shoulder
$D_{a \max}$	65 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	58,8 mm	Shoulder diameter outer ring
d_1	41,5 mm	Shoulder diameter inner ring

Temperature range

T_{\min}	-30 °C	Operating temperature min.
T_{\max}	120 °C	Operating temperature max.

Calculation factors

e	0,45	Limiting value of F_a/F_r for the applicability of diff. Values of factors X and Y
Y_1	1,4	Dynamic axial load factor
Y_2	2,17	Dynamic axial load factor
Y_0	1,47	Static axial load factor