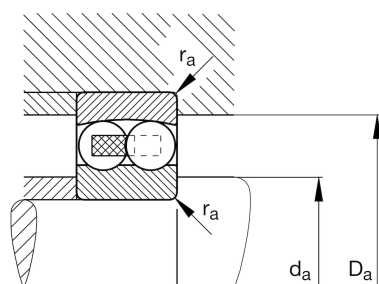
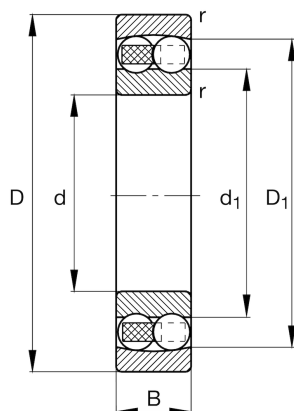


FAG**2303-TVH**

Self-aligning ball bearing

Schaeffler ID:
0864498340000Self-aligning ball bearing 23..-TVH, plastic
cage

Technical information

**Main Dimensions & Performance Data**

d	17 mm	Bore diameter
D	47 mm	Outside diameter
B	19 mm	Width
r_{min}	1 mm	Minimum chamfer dimension
C_r	13.900 N	Basic dynamic load rating, radial
C_{0r}	3.200 N	Basic static load rating, radial
C_{ur}	203 N	Fatigue load limit, radial
n_G	17.000 1/min	Limiting speed
n_{gr}	14.900 1/min	Reference speed
	0,155 kg	Weight

Dimensions

D_1	37,3 mm	Shoulder diameter outer ring
d_1	26,2 mm	Shoulder diameter inner ring

Mounting dimensions

d_{amin}	22,6 mm	Minimum diameter shaft shoulder
D_{amax}	41,4 mm	Maximum diameter of housing shoulder
r_{amax}	1 mm	Maximum fillet radius

Calculation factors

e	0,53	Limiting value of F_a/F_r for the applicability of diff. Values of factors X and Y
Y_1	1,19	Dynamic axial load factor
Y_2	1,85	Dynamic axial load factor
Y_0	1,25	Static axial load factor

Temperature range

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