

FAG

★ 1217-TVH

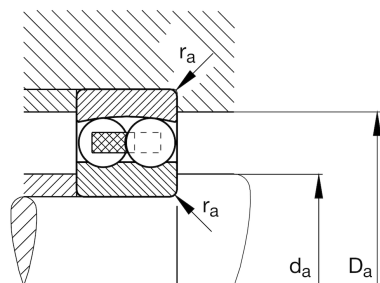
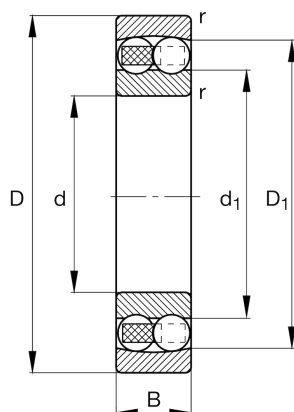
Self-aligning ball bearing

Schaeffler ID:
0167005110000

Self-aligning ball bearing 12..-TVH, plastic cage

★ Preferred product

Technical information



Temperature range

T_{\min}	-30 °C	Operating temperature min.
T_{\max}	120 °C	Operating temperature max.
	2,065 kg	Weight

Main Dimensions & Performance Data

d	85 mm	Bore diameter
D	150 mm	Outside diameter
B	28 mm	Width
r_{\min}	2 mm	Minimum chamfer dimension
C_r	49.500 N	Basic dynamic load rating, radial
C_{0r}	20.800 N	Basic static load rating, radial
C_{ur}	1.210 N	Fatigue load limit, radial
n_G	4.900 1/min	Limiting speed
n_{gr}	4.950 1/min	Reference speed

Dimensions

D_1	130,4 mm	Shoulder diameter outer ring
d_1	107,5 mm	Shoulder diameter inner ring

Mounting dimensions

$d_{a \min}$	96 mm	Minimum diameter shaft shoulder
$D_{a \max}$	139 mm	Maximum diameter of housing shoulder
$r_{a \max}$	2 mm	Maximum fillet radius

Calculation factors

e	0,17	Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y
Y_1	3,74	Dynamic axial load factor
Y_2	5,79	Dynamic axial load factor
Y_0	3,92	Static axial load factor