

FAG

★ 126-TVH

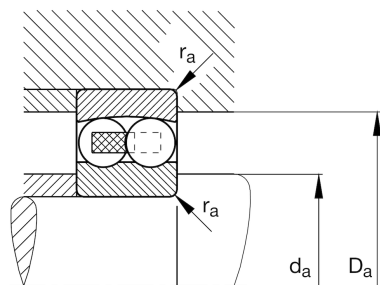
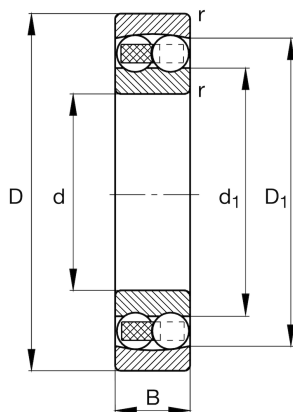
Self-aligning ball bearing

Schaeffler ID:
0167006190000

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.
	0,009 kg	Weight

Main Dimensions & Performance Data

d	6 mm	Bore diameter
D	19 mm	Outside diameter
B	6 mm	Width
r_{min}	0,3 mm	Minimum chamfer dimension
C_r	2.600 N	Basic dynamic load rating, radial
C_{0r}	480 N	Basic static load rating, radial
C_{ur}	30,5 N	Fatigue load limit, radial
n_G	41.500 1/min	Limiting speed
n_{gr}	30.500 1/min	Reference speed

Dimensions

D_1	14,7 mm	Shoulder diameter outer ring
d_1	10,1 mm	Shoulder diameter inner ring

Mounting dimensions

$d_{a min}$	8,4 mm	Minimum diameter shaft shoulder
$D_{a max}$	16,6 mm	Maximum diameter of housing shoulder
$r_{a max}$	0,3 mm	Maximum fillet radius

Calculation factors

e	0,35	Limiting value of F_a/F_r for the applicability of diff. Values of factors X and Y
Y_1	1,82	Dynamic axial load factor
Y_2	2,82	Dynamic axial load factor
Y_0	1,91	Static axial load factor