



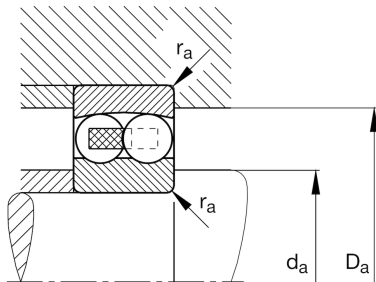
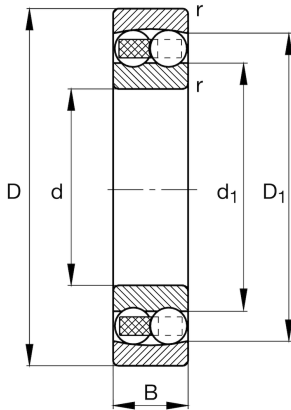
FAG

2216-TVH

Self-aligning ball bearing

Schaeffler ID:
0167031700000Self-aligning ball bearing 22..-TVH, plastic
cage

Technical information

**Main Dimensions & Performance Data**

d	80 mm	Bore diameter
D	140 mm	Outside diameter
B	33 mm	Width
r_{\min}	2 mm	Minimum chamfer dimension
C_r	49.500 N	Basic dynamic load rating, radial
C_{0r}	19.900 N	Basic static load rating, radial
C_{ur}	1.210 N	Fatigue load limit, radial
n_G	5.300 1/min	Limiting speed
n_{gr}	5.400 1/min	Reference speed
	2,01 kg	Weight

Dimensions

D_1	121 mm	Shoulder diameter outer ring
d_1	99,2 mm	Shoulder diameter inner ring

Mounting dimensions

$d_{a \min}$	91 mm	Minimum diameter shaft shoulder
$D_{a \max}$	129 mm	Maximum diameter of housing shoulder
$r_{a \max}$	2 mm	Maximum fillet radius

Calculation factors

e	0,25	Limiting value of F_a/F_r for the applicability of diff. Values of factors X and Y
Y_1	2,48	Dynamic axial load factor
Y_2	3,84	Dynamic axial load factor
Y_0	2,6	Static axial load factor

Temperature range

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