

FAG

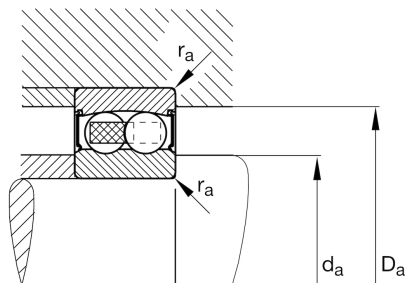
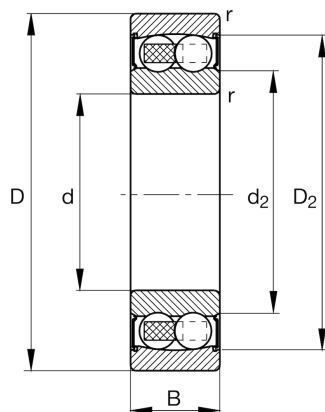
★ 2214-2RS-TVH

Self-aligning ball bearing

Schaeffler ID:
0167031380000Self-aligning ball bearing 22...-2RS-TVH,
seals, plastic cage

★ Preferred product

Technical information



Temperature range

T_{\min}	-20 °C	Operating temperature min.
T_{\max}	100 °C	Operating temperature max.
	1,52 kg	Weight

Main Dimensions & Performance Data

d	70 mm	Bore diameter
D	125 mm	Outside diameter
B	31 mm	Width
r_{\min}	1,5 mm	Minimum chamfer dimension
C_r	35.000 N	Basic dynamic load rating, radial
C_{0r}	13.800 N	Basic static load rating, radial
C_{ur}	880 N	Fatigue load limit, radial
n_G	3.050 1/min	Limiting speed

Dimensions

D_2	110,8 mm	Caliber diameter outer ring
d_2	84,7 mm	Caliber diameter inner ring

Mounting dimensions

$d_{a\min}$	79 mm	Minimum diameter shaft shoulder
$D_{a\max}$	116 mm	Maximum diameter of housing shoulder
$r_{a\max}$	1,5 mm	Maximum fillet radius

Calculation factors

e	0,19	Limiting value of F_a/F_r for the applicability of diff. Values of factors X and Y
Y_1	3,37	Dynamic axial load factor
Y_2	5,22	Dynamic axial load factor
Y_0	3,53	Static axial load factor