

FAG

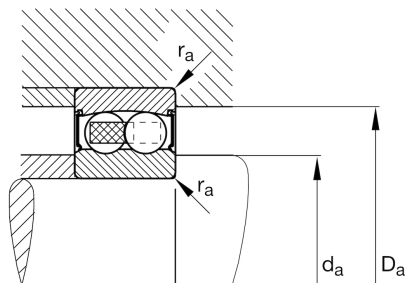
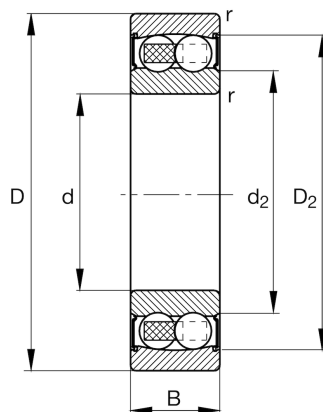
★ 2202-2RS-TVH

Self-aligning ball bearing

Schaeffler ID:
0167026380000Self-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.
	60 g	Weight

Main Dimensions & Performance Data

d	15 mm	Bore diameter
D	35 mm	Outside diameter
B	14 mm	Width
r_{\min}	0,6 mm	Minimum chamfer dimension
C_r	7.700 N	Basic dynamic load rating, radial
C_{0r}	1.750 N	Basic static load rating, radial
C_{ur}	111 N	Fatigue load limit, radial
n_G	13.300 1/min	Limiting speed

Dimensions

D_2	30,2 mm	Caliber diameter outer ring
d_2	19 mm	Caliber diameter inner ring

Mounting dimensions

$d_{a\min}$	19,2 mm	Minimum diameter shaft shoulder
$D_{a\max}$	30,8 mm	Maximum diameter of housing shoulder
$r_{a\max}$	0,6 mm	Maximum fillet radius

Calculation factors

e	0,34	Limiting value of F_a/F_r for the applicability of diff. Values of factors X and Y
Y_1	1,86	Dynamic axial load factor
Y_2	2,88	Dynamic axial load factor
Y_0	1,95	Static axial load factor