

FAG

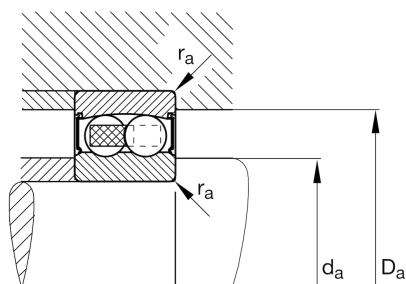
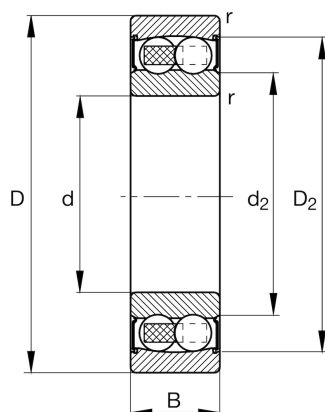
★ 2212-2RS-TVH

Self-aligning ball bearing

Schaeffler ID:
0167030300000Self-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.
	1,076 kg	Weight

Main Dimensions & Performance Data

d	60 mm	Bore diameter
D	110 mm	Outside diameter
B	28 mm	Width
r_{\min}	1,5 mm	Minimum chamfer dimension
C_r	30.500 N	Basic dynamic load rating, radial
C_{0r}	11.500 N	Basic static load rating, radial
C_{ur}	730 N	Fatigue load limit, radial
n_G	3.450 1/min	Limiting speed

Dimensions

D_2	99,5 mm	Caliber diameter outer ring
d_2	70,4 mm	Caliber diameter inner ring

Mounting dimensions

$d_{a \min}$	69 mm	Minimum diameter shaft shoulder
$D_{a \max}$	101 mm	Maximum diameter of housing shoulder
$r_{a \max}$	1,5 mm	Maximum fillet radius

Calculation factors

e	0,18	Limiting value of F_a/F_r for the applicability of diff. Values of factors X and Y
Y_1	3,47	Dynamic axial load factor
Y_2	5,37	Dynamic axial load factor
Y_0	3,64	Static axial load factor