

FAG

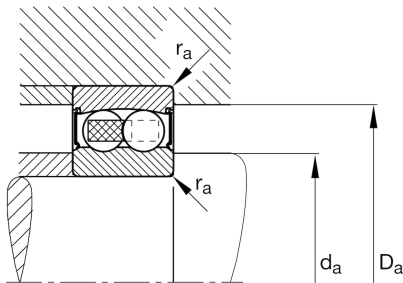
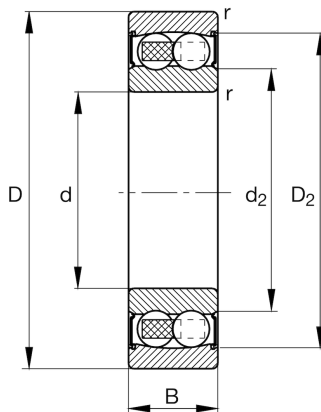
★ 2310-2RS-TVH

Self-aligning ball bearing

Schaeffler ID:
0167074190000Self-aligning ball bearing 23...-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.
	1,64 kg	Weight

Main Dimensions & Performance Data

d	50 mm	Bore diameter
D	110 mm	Outside diameter
B	40 mm	Width
r_{min}	2 mm	Minimum chamfer dimension
C_r	42.000 N	Basic dynamic load rating, radial
C_{0r}	14.200 N	Basic static load rating, radial
C_{ur}	900 N	Fatigue load limit, radial
n_G	3.750 1/min	Limiting speed

Dimensions

D_2	95,1 mm	Caliber diameter outer ring
d_2	65,9 mm	Caliber diameter inner ring

Mounting dimensions

$d_{a min}$	61 mm	Minimum diameter shaft shoulder
$D_{a max}$	99 mm	Maximum diameter of housing shoulder
$r_{a max}$	2 mm	Maximum fillet radius

Calculation factors

e	0,24	Limiting value of F_a/F_r for the applicability of diff. Values of factors X and Y
Y_1	2,59	Dynamic axial load factor
Y_2	4,01	Dynamic axial load factor
Y_0	2,72	Static axial load factor