

FAG

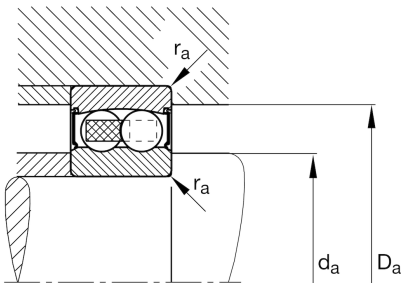
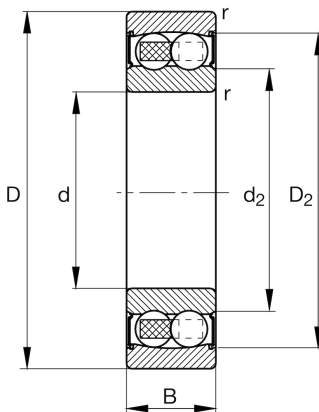
★ 2303-2RS-TVH

Self-aligning ball bearing

Schaeffler ID:
0167065790000Self-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.
	0,002 kg	Weight

Main Dimensions & Performance Data

d	17 mm	Bore diameter
D	47 mm	Outside diameter
B	19 mm	Width
r_{\min}	1 mm	Minimum chamfer dimension
C_r	12.900 N	Basic dynamic load rating, radial
C_{0r}	3.200 N	Basic static load rating, radial
C_{ur}	202 N	Fatigue load limit, radial
n_G	10.100 1/min	Limiting speed

Dimensions

D_2	39,4 mm	Caliber diameter outer ring
d_2	23,9 mm	Caliber diameter inner ring

Mounting dimensions

$d_{a \min}$	22,6 mm	Minimum diameter shaft shoulder
$D_{a \max}$	41,4 mm	Maximum diameter of housing shoulder
$r_{a \max}$	1 mm	Maximum fillet radius

Calculation factors

e	0,32	Limiting value of F_a/F_r for the applicability of diff. Values of factors X and Y
Y_1	1,94	Dynamic axial load factor
Y_2	3,01	Dynamic axial load factor
Y_0	2,04	Static axial load factor