

FAG

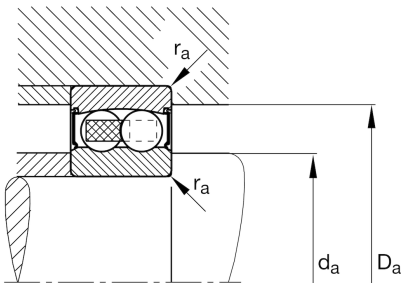
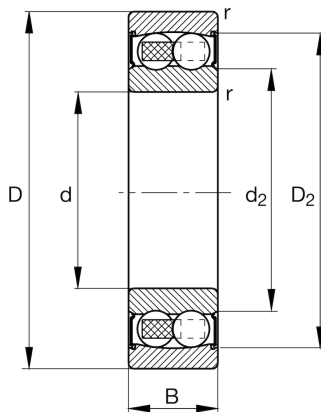
★ 2308-2RS-TVH

Self-aligning ball bearing

Schaeffler ID:
0167072300000Self-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.
	0,925 kg	Weight

Main Dimensions & Performance Data

d	40 mm	Bore diameter
D	90 mm	Outside diameter
B	33 mm	Width
r_{min}	1,5 mm	Minimum chamfer dimension
C_r	30.000 N	Basic dynamic load rating, radial
C_{0r}	9.700 N	Basic static load rating, radial
C_{ur}	610 N	Fatigue load limit, radial
n_G	4.650 1/min	Limiting speed

Dimensions

D_2	77,3 mm	Caliber diameter outer ring
d_2	51 mm	Caliber diameter inner ring

Mounting dimensions

$d_{a min}$	49 mm	Minimum diameter shaft shoulder
$D_{a max}$	81 mm	Maximum diameter of housing shoulder
$r_{a max}$	1,5 mm	Maximum fillet radius

Calculation factors

e	0,25	Limiting value of F_a/F_r for the applicability of diff. Values of factors X and Y
Y_1	2,51	Dynamic axial load factor
Y_2	3,88	Dynamic axial load factor
Y_0	2,63	Static axial load factor