

FAG

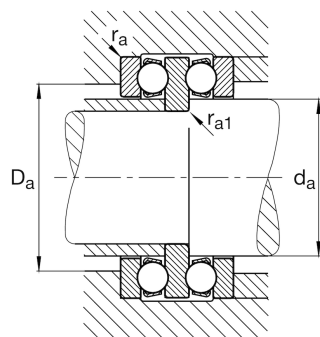
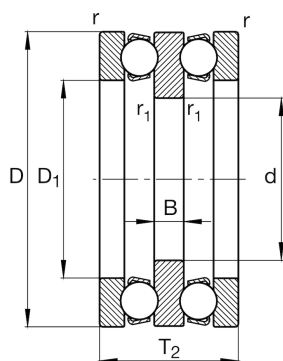
## ★ 52312

## Axial deep groove ball bearing

Schaeffler ID:  
0190070270000Axial deep groove ball bearing 523, double  
direction, steel sheet metal cage

★ Preferred product

## Technical information



## Temperature range

$T_{\min}$	-30 °C	Operating temperature min.
$T_{\max}$	150 °C	Operating temperature max.
	2,49 kg	Weight

## Main Dimensions &amp; Performance Data

$d$	50 mm	Bore diameter
$D$	110 mm	Outside diameter
$T_2$	64 mm	Height
$C_a$	101.000 N	Basic dynamic load rating, axial
$C_{0a}$	207.000 N	Basic static load rating, axial
$C_{ua}$	9.500 N	Fatigue load limit, axial
$n_G$	3.150 1/min	Limiting speed
$n_{gr}$	5.400 1/min	Reference speed

## Dimensions

$D_1$	62 mm	Bore diameter housing washer
$B$	15 mm	Height shaft washer
$r_{\min}$	1,1 mm	Minimum chamfer dimension
$r_{1\min}$	0,6 mm	Minimum chamfer dimension

## Mounting dimensions

$d_{a\max}$	60 mm	Maximum mounting dimension shaft
$D_{a\max}$	80 mm	Maximum diameter of housing shoulder
$r_{a\max}$	1 mm	Maximum recess radius
$r_{a1\max}$	0,6 mm	Maximum recess radius

## Additional information

$A$	0,28	Minimum load factor
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