

FAG

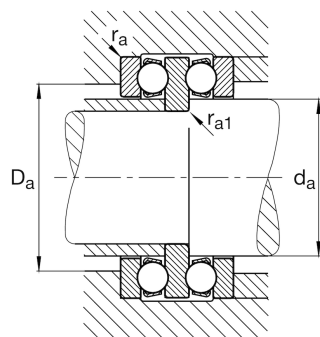
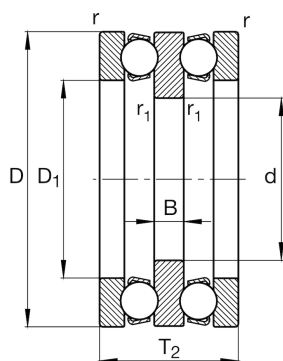
★ 52224

Axial deep groove ball bearing

Schaeffler ID:  
0167155940000Axial deep groove ball bearing 522, 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.
	4,831 kg	Weight

## Main Dimensions &amp; Performance Data

d	100 mm	Bore diameter
D	170 mm	Outside diameter
$T_2$	68 mm	Height
$C_a$	128.000 N	Basic dynamic load rating, axial
$C_{0a}$	385.000 N	Basic static load rating, axial
$C_{ua}$	14.600 N	Fatigue load limit, axial
$n_G$	2.550 1/min	Limiting speed
$n_{gr}$	3.100 1/min	Reference speed

## Dimensions

$D_1$	123 mm	Bore diameter housing washer
B	15 mm	Height shaft washer
$r_{min}$	1,1 mm	Minimum chamfer dimension
$r_{1 min}$	1,1 mm	Minimum chamfer dimension

## Mounting dimensions

$d_{a max}$	120 mm	Maximum mounting dimension shaft
$D_{a max}$	140 mm	Maximum diameter of housing shoulder
$r_{a max}$	1 mm	Maximum recess radius
$r_{a1 max}$	1 mm	Maximum recess radius

## Additional information

A	0,94	Minimum load factor
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