

FAG

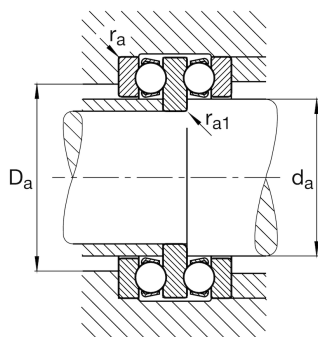
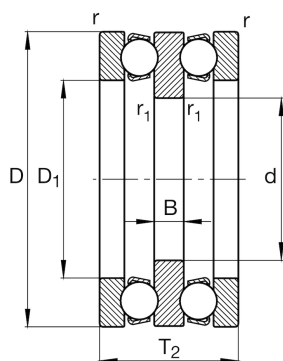
## ★ 52214

## Axial deep groove ball bearing

Schaeffler ID:  
0190069850000Axial 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.
	1,4 kg	Weight

## Main Dimensions &amp; Performance Data

d	55 mm	Bore diameter
D	105 mm	Outside diameter
$T_2$	47 mm	Height
$C_a$	66.000 N	Basic dynamic load rating, axial
$C_{0a}$	159.000 N	Basic static load rating, axial
$C_{ua}$	7.200 N	Fatigue load limit, axial
$n_G$	4.000 1/min	Limiting speed
$n_{gr}$	4.750 1/min	Reference speed

## Dimensions

$D_1$	72 mm	Bore diameter housing washer
B	10 mm	Height shaft washer
$r_{min}$	1 mm	Minimum chamfer dimension
$r_{1 min}$	1 mm	Minimum chamfer dimension

## Mounting dimensions

$d_{a max}$	70 mm	Maximum mounting dimension shaft
$D_{a max}$	84 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	0,16	Minimum load factor
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