

**FAG****53212**

## Axial deep groove ball bearing

Schaeffler ID:  
0190025130000

Axial deep groove ball bearing 532, single direction, with spherical housing washer, steel sheet metal cage

## Technical information

## Main Dimensions &amp; Performance Data

d	60 mm	Bore diameter
D	95 mm	Outside diameter
T	28 mm	Height
$C_a$	62,000 N	Basic dynamic load rating, axial
$C_{0a}$	139,000 N	Basic static load rating, axial
$C_{ua}$	6,300 N	Fatigue load limit, axial
$n_G$	4,200 1/min	Limiting speed
$n_{gr}$	5,300 1/min	Reference speed
	0.634 kg	Weight

## Dimensions

$r_{min}$	1 mm	Minimum chamfer dimension
$D_1$	62 mm	Bore diameter housing washer
$d_1$	95 mm	Lip diameter shaft washer
R	72 mm	Radius spherical housing washer
A	32.5 mm	Distance of the center point
$T_1$	31 mm	Height with seat washer

## Mounting dimensions

$d_{a min}$	81 mm	Minimum diameter shaft shoulder
$D_{a max}$	78 mm	Maximum diameter of housing shoulder
$r_{a max}$	1 mm	Maximum recess radius

## Additional information

A	0.12	Minimum load factor
	U212	Seat washer

## Temperature range

$T_{min}$	-30 °C	Operating temperature min.
$T_{max}$	150 °C	Operating temperature max.

