

**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 & Performance Data**

d	60 mm	Inner diameter shaft washer
D	95 mm	Outer diameter housing washer
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	Inner diameter housing washer
$d_1$	95 mm	Outer 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 filled radius

**Calculation factors**

A	0,12	Minimum load factor
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**Additional information**

U212	Seat washer
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**Temperature range**

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



