



FAG

★ 53310

Axial deep groove ball bearing

Schaeffler ID:  
0167159180000

Axial deep groove ball bearing 533, single direction, with spherical housing washer, steel sheet metal cage

★ Preferred product

## Technical information

## Temperature range

$T_{\min}$	-30 °C	Operating temperature min.
$T_{\max}$	150 °C	Operating temperature max.
	0,969 kg	Weight

## Main Dimensions &amp; Performance Data

$d$	50 mm	Bore diameter
$D$	95 mm	Outside diameter
$T$	34,3 mm	Height
$C_a$	82.000 N	Basic dynamic load rating, axial
$C_{0a}$	169.000 N	Basic static load rating, axial
$C_{ua}$	7.700 N	Fatigue load limit, axial
$n_G$	3.550 1/min	Limiting speed
$n_{gr}$	6.400 1/min	Reference speed

## Dimensions

$r_{\min}$	1,1 mm	Minimum chamfer dimension
$D_1$	52 mm	Bore diameter housing washer
$d_1$	95 mm	Lip diameter shaft washer
$R$	72 mm	Radius spherical housing washer
$A$	28 mm	Distance of the center point
$T_1$	37 mm	Height with seat washer

## Mounting dimensions

$d_{a \min}$	77 mm	Minimum diameter shaft shoulder
$D_{a \max}$	72 mm	Maximum diameter of housing shoulder
$r_{a \max}$	1 mm	Maximum recess radius

## Additional information

$A$	0,18	Minimum load factor
	U310	Seat washer

