



FAG

## ★ 53318

## Axial deep groove ball bearing

Schaeffler ID:  
0167159420000

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.
	3,711 kg	Weight

## Main Dimensions &amp; Performance Data

$d$	90 mm	Bore diameter
$D$	155 mm	Outside diameter
$T$	54,6 mm	Height
$C_a$	193.000 N	Basic dynamic load rating, axial
$C_{0a}$	455.000 N	Basic static load rating, axial
$C_{ua}$	18.800 N	Fatigue load limit, axial
$n_G$	2.240 1/min	Limiting speed
$n_{gr}$	4.050 1/min	Reference speed

## Dimensions

$r_{\min}$	1,5 mm	Minimum chamfer dimension
$D_1$	93 mm	Bore diameter housing washer
$d_1$	155 mm	Lip diameter shaft washer
$R$	112 mm	Radius spherical housing washer
$A$	40 mm	Distance of the center point
$T_1$	59 mm	Height with seat washer

## Mounting dimensions

$d_{a \min}$	129 mm	Minimum diameter shaft shoulder
$D_{a \max}$	120 mm	Maximum diameter of housing shoulder
$r_{a \max}$	1,5 mm	Maximum recess radius

## Additional information

$A$	1,2	Minimum load factor
	U318	Seat washer

