



FAG

★ 51313

Axial deep groove ball bearing

Schaeffler ID:  
0167153570000Axial deep groove ball bearing 513, single  
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.
	1,468 kg	Weight

## Main Dimensions &amp; Performance Data

d	65 mm	Bore diameter
D	115 mm	Outside diameter
T	36 mm	Height
$C_a$	105.000 N	Basic dynamic load rating, axial
$C_{0a}$	220.000 N	Basic static load rating, axial
$C_{ua}$	10.000 N	Fatigue load limit, axial
$n_G$	3.050 1/min	Limiting speed
$n_{gr}$	5.300 1/min	Reference speed

## Dimensions

$r_{\min}$	1,1 mm	Minimum chamfer dimension
$D_1$	67 mm	Bore diameter housing washer
$d_1$	115 mm	Lip diameter shaft washer

## Mounting dimensions

$d_{a \min}$	95 mm	Minimum diameter shaft shoulder
$D_{a \max}$	85 mm	Maximum diameter of housing shoulder
$r_{a \max}$	1 mm	Maximum recess radius

## Additional information

A	0,32	Minimum load factor
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